Sri Vasavi Institute of Engineering and Technology

Computer Science and Engineering

Part A : Institutional Information

1 Name and Address of the Institution

Sri Vasavi Institute of Engineering and Technology,
Nandamuru, Pedana Mandal, Krishna District., Andhra Pradesh - 521369.

2 Name and Address of Affiliating University

JNTUK Kakinada

3 Year of establishment of the Institution:

2008

4 Type of the Institution:

☐ University	☐ Autonomous
☐ Deemed University	☑ Affiliated
☐ Government Aided	

5 Ownership Status:

☐ Central Government	☐ Trust
☐ State Government	☑ Society
☐ Government Aided	☐ Section 25 Company
☑ Self financing	☐ Any Other(Please Specify)

6 Other Academic Institutions of the Trust/Society/Company etc., if any:

Name of Institutions	Year of Establishment	Programs of Study	Location

7 Details of all the programs being offered by the institution under consideration:

Name of Program	Program Applied level	Start of year	Year of AICTE approval	Initial Intake	Intake Increase	Current Intake	Accreditation status	From	To	Program for consideration	Program for Duration
Computer Science and Engineering	PG	2012	2012	18	Yes	9	Eligible but not applied	--	--	No	2

Sanctioned Intake for Last Five Years for the Computer Science and Engineering	
Academic Year	**Sanctioned Intake**
2024-25	9
2023-24	9
2022-23	9
2021-22	9
2020-21	18
2019-20	18

Computer Science and Engineering	UG	2008	2008	60	Yes	240	Granted accreditation for 3 years for the period (specify period)	2022	2025	Yes	4

Sanctioned Intake for Last Five Years for the Computer Science and Engineering	
Academic Year	**Sanctioned Intake**
2024-25	240
2023-24	240
2022-23	180
2021-22	120
2020-21	120
2019-20	120

8 Programs to be considered for Accreditation vide this application:

S No	Level	Discipline	Program
1	Under Graduate	Engineering & Technology	Computer Science and Engineering
2	Under Graduate	Engineering & Technology	Electronics & Communication Engineering
3	Under Graduate	Engineering & Technology	Mechanical Engineering

9 Total number of employees in the institution:

A. Regular* Employees (Faculty and Staff):

Items	2024-25		2023-24		2022-23	
	MIN	MAX	MIN	MAX	MIN	MAX
Faculty in Engineering (Male)	52	52	53	53	51	51
Faculty in Engineering (Female)	26	26	24	24	20	20
Faculty in Maths, Science & Humanities (Male)	21	21	21	21	21	21
Faculty in Maths, Science & Humanities (FeMale)	15	15	15	15	15	15
Non-teaching staff (Male)	60	60	63	63	63	63
Non-teaching staff (FeMale)	30	30	30	30	32	32

B. Contractual* Employees (Faculty and Staff):

Items	2024-25		2023-24		2022-23	
	MIN	MAX	MIN	MAX	MIN	MAX
Faculty in Engineering (Male)	0	0	0	0	0	0
Faculty in Engineering (Female)	0	0	0	0	0	0
Faculty in Maths, Science & Humanities (Male)	0	0	0	0	0	0
Faculty in Maths, Science & Humanities (FeMale)	0	0	0	0	0	0
Non-teaching staff (Male)	0	0	0	0	0	0
Non-teaching staff (FeMale)	0	0	0	0	0	0

10 Total number of Engineering Students:

Engineering and Technology- UG	☑ Shift1	☐ Shift2
Engineering and Technology- PG	☑ Shift1	☐ Shift2
Engineering and Technology- Polytechnic	☐ Shift1	☑ Shift2
MBA	☐ Shift1	☐ Shift2
MCA	☐ Shift1	☐ Shift2

Engineering and Technology- UG Shift-1

Items	2024-25	2023-24	2022-23
Total no. of Boys	884	818	715
Total no. of Girls	823	750	653
Total	**1707**	**1568**	**1368**

Engineering and Technology- PG Shift-1

Items	2024-25	2023-24	2022-23
Total no. of Boys	6	1	0
Total no. of Girls	9	2	2
Total	**15**	**3**	**2**

Engineering and Technology- Polytechnic Shift-2

Items	2024-25	2023-24	2022-23
Total no. of Boys	324	346	334
Total no. of Girls	243	211	185
Total	**567**	**557**	**519**

11 Vision of the Institution:

To emerge as a premier engineering institution in rural India imparting values based education for the socio-economic upliftment.

12 Mission of the Institution:

IM1: Provide the most creative learning environment for Technical Excellence of stakeholders

IM2 : Promote industry-institute interaction for skill enhancement and to meet the industry needs

IM3 : Create an environment to the stakeholders to be good citizens with integrity and morality.

IM4 : Committed to improve technial excellence, ethical values continuously.

13 Contact Information of the Head of the Institution and NBA coordinator, if designated:

Head of the Institution	
Name	Dr B.Raja Srinivasa Reddy
Designation	Principal and Professor of CSE
Mobile No.	9121214620
Email ID	principal@sviet.edu.in

NBA Coordinator, If Designated

Name	P.Sri kanth
Designation	Assistant Professor
Mobile No.	9177826499
Email ID	iqac@sviet.edu.in

PART B: Criteria Summary

Critera No.	Criteria	Total Marks	Institute Marks
1	VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES	60	60.00
2	PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES	120	120.00
3	COURSE OUTCOMES AND PROGRAM OUTCOMES	120	120.00
4	STUDENTS' PERFORMANCE	150	105.85
5	FACULTY INFORMATION AND CONTRIBUTIONS	200	185.02
6	FACILITIES AND TECHNICAL SUPPORT	80	80.00
7	CONTINUOUS IMPROVEMENT	50	50.00
8	FIRST YEAR ACADEMICS	50	46.02
9	STUDENT SUPPORT SYSTEMS	50	50.00
10	GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES	120	120.00
	Total	**1000**	**937**

Part B

1 VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES (60)

Total Marks 60.00

1.1 State the Vision and Mission of the Department and Institute (5)

Total Marks 5.00

Institute Marks : 5.00

Vision of the institute	To emerge as a premier engineering institution in rural India imparting values based education for the socio-economic upliftment.
Mission of the institute	IM1: Provide the most creative learning environment for Technical Excellence of stakeholders IM2 : Promote industry-institute interaction for skill enhancement and to meet the industry needs IM3 : Create an environment to the stakeholders to be good citizens with integrity and morality. IM4 : Committed to improve technial excellence, ethical values continuously.
Vision of the Department	To be a reputed center for quality computer science and engineering education by fulfilling the ever changing needs of industry and society.
Mission of the Department	

Mission No.	Mission Statements
M1	To provide knowledge and skills required for industry.
M2	To conduct training and activities with stake holder involvement
M3	To provide a learning ambience for enhancing innovation, professional and interpersonal skills

1.2 State the Program Educational Objectives (PEOs) (5)

Total Marks 5.00

Institute Marks : 5.00

PEO No.	Program Educational Objectives Statements
PEO1	Exhibit strong foundation in Mathematics, Science and Computer Engineering fundamentals to solve Engineering problems as per industry needs.
PEO2	Apply recent technological developments to contribute effectively for research activities.
PEO3	Inculcate multidisciplinary approach, professional attitude and ethics, communication and teamwork skills, and ability to relate computer engineering issues with social awareness.
PEO4	Adapt technological advancements by continuous learning.

1.3 Indicate where the Vision, Mission and PEOs are published and disseminated among stakeholders (10) Total Marks 10.00

Institute Marks : 10.00

A. Adequacy in respect of publication & dissemination (2)

The Vision and Mission statements along with PEO's are published (Internal and External Stake Holders) at

- Department Home Page of the College Website (https://www.sviet.edu.in/cse-department (https://www.sviet.edu.in/cse-department)/)
- Department Newsletter
- Course files
- Lab Manuals
- Project Books

The Vision and Mission statements along with PEO's are displayed (Internal and External Stake Holders) at

- HoD Room
- Faculty Rooms
- Department Library
- Department Corridors
- Department Notice Boards
- Classrooms
- Tutorial Room
- Department Laboratories

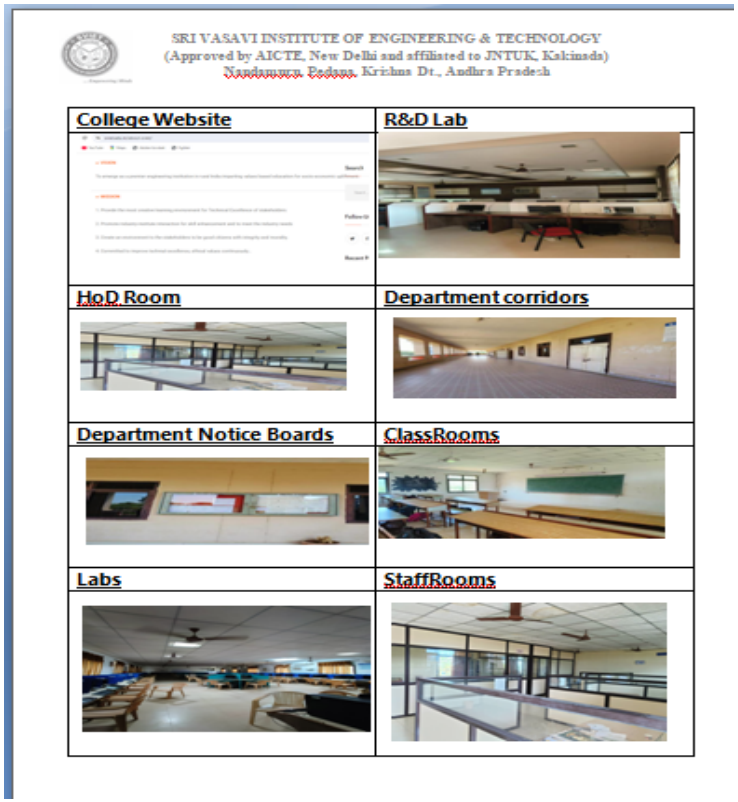


Fig :1.3.1 Display of Vision,mission,PEOs

Table1.3.1:Display of Vision, Mission & PEOs to Stakeholders

Facility	Room Number(s)	Count

HoD Room	206(A)	1
Faculty Rooms	206(B),215,309(A)	3
Department Library	309(B)	1
Department Corridors	Ground, Second and Third Floor	3
Department Notice Board	Staff Rooms ,All Labs	11
Classrooms	203,204,213,214,207,208,209,301,304,315,316,B3004,005	13
Tutorial Room	104,302A,302B	3
Laboratories	009,202,210,211,212,216	6

B. Process of dissemination among stakeholders (2)

The Vision and Mission Statements along with PEO's are disseminated (Internal and External Stake Holders) at

- Department Meetings
- FDPs, Workshops, Guest Lectures &Seminars
- Technical Events
- Student Orientation Programs
- Placement Drives
- Alumni Meetings
- Parent Meetings
- Exit Students
- Employers

Figure1.3.2 : Publication of Vision and Mission in Website

C. Extent of awareness of Vision, Mission & PEOs among the stakeholder (6)

The Process which ensures awareness among internal and external stakeholders

Table1.3.2: Communication of Vision, Mission &PEOs to Stakeholders

S. No	Stakeholder	Process of Dissemination	Timeline of Dissemination	Responsibility
1	Students	Induction Program	Beginning of the Academic Year	HoD Presentation
2	Parents	Parents Meeting	Beginning of the Semester	Principal & HoD
3	Alumni	Alumni Meeting	End of the Academic Year	Alumni Coordinator
4	Employer	Placement Drives	End of the Semester	TPO
5	Faculty	Staff Meetings	Twice in a Semester	HoD
6	Society	When NSS Activities Are Conducted	Once in a Semester	NSS Coordinator
7	Governing Body	GB Meeting	Once in an Academic Year	Principal

1.4 State the process for defining the Vision and Mission of the Department, and PEOs of the program (25) Total Marks 25.00

Institute Marks : 25.00

A. Description of process involved in defining the Vision, Mission of the Department (10)

Formulated statements of Vision, Mission and PEOs of the undergraduate Program in Computer Science and Engineering department are a result of rigorous discussions amongst the internal stakeholders and feedback of the program. The Vision emphasizes on the all-round development of the students which will help them to become a successful engineer. The Mission statement focuses on the on-going academic processes which accomplish the Vision in long term. PEO statements are the core objectives on fulfilment of which it can be stated with assurance that department's Mission and Vision will be achieved.

Steps involved in drafting the departments' Vision and Mission:

Step 1: Institute's Vision and Mission is taken as the basis.

Step 2: PAC (Program Assessment Committee) addresses the major goals of the department, on basis of which initial draft of the Vision and Mission statements are prepared.

Step 3: The statements are circulated among the faculty members, students, alumni and employers. Necessary modifications are made by incorporating the suggestions.

step 4:The draft is presented in DAC (Department Advisory Committee) meeting to check for consistency with institute's Vision and Mission and send to CAC..

Step 4: The draft is presented in CAC (College Academic Committee) and once approved ,thereafter the finalized statements are documented.

The process involved in defining the Vision, Mission of the Department

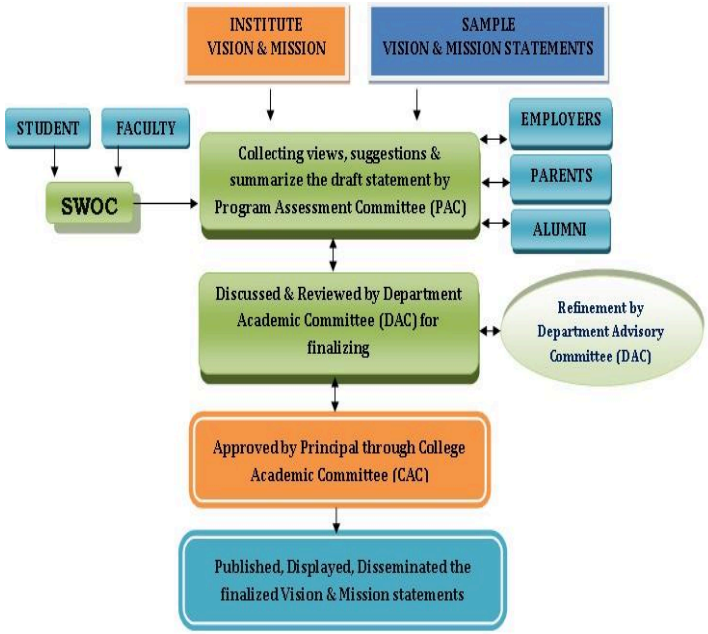


Figure: 1.4.1 Flowchart representing the process for defining Department Mission, Vision

B. Description of process involved in defining the PEOs of the program (15)

Steps involved in drafting the Program Educational Objectives of the department:

Step 1: The Mission of the Department is taken as the basis for defining the PEOs.

Step 2: PAC addresses the changing needs of the industry and society in a set of discussions and prepared the first draft of the PEOs.

Step 3: Feedback of the stakeholders such as Students, Alumni and Employers are taken into account to make modification in the first suggested draft of the PEOs.

Step 4: The re-structured draft of the PEOs is thereafter discussed and reviewed among the faculty members in the Department Academic Committee (DAC) Meeting.

Step 5: The PEOs are sent to CAC ,once approved thereafter the finalized statements are documented.

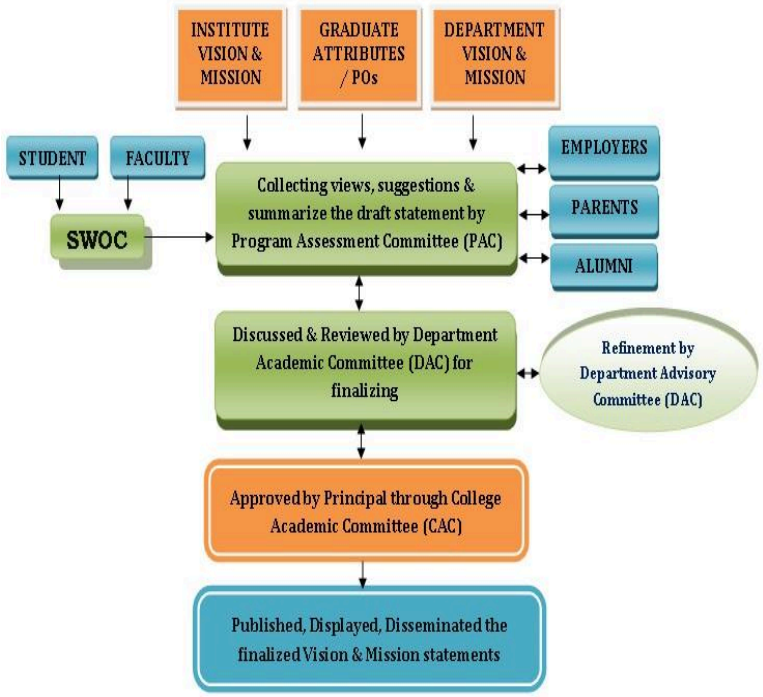


Figure: 1.4.2 Flowchart representing the process for defining Department PEOs

1.5 Establish consistency of PEOs with Mission of the Department (15) Total Marks 15.00

Institute Marks : 15.00

A. Preparation of a matrix of PEOs and elements of Mission statement (5)

Program Educational Objectives

PEO1: Exhibit strong foundation in Mathematics, Science and Computer Engineering fundamentals to solve Engineering problems as per industry needs.

PEO2: Apply recent technological developments to contribute effectively for research activities.

PEO3: Inculcate multidisciplinary approach, professional attitude and ethics, communication and teamwork skills, and ability to relate computer engineering issues with social awareness.

PEO4: Adapt technological advancements by continuous learning.

Mission of CSE Department

DM1: To provide knowledge and skills required for industry.

DM2: To conduct training and activities with stake holder involvement

DM3: To provide a learning ambience for enhancing innovation, professional and interpersonal skills

B. Consistency/justification of co-relation parameters of the above matrix (10)

PEO#	DM1	DM2	DM3	Justification
PEO-1 (Strong domain knowledge)	3	2	2	**DM1**: Strongly supported by PEO1 as the ability to solve engineering problems as per industry needs **DM2**: Moderately support by PEO1 as it is not practically possible to satisfy industry needs without their involvement and training activities **DM3**: Moderately support by PEO1 as creating learning ambience in that domain to solve problems as per industry needs.
PEO-2 (Innovative thinking)	3	3	2	**DM1**:Strongly support by PEO2 as innovative thinking for enhancing the knowledge and skills required for industry **DM2**: Strongly support by PEO2 as the ability to solve engineering problems by innovations and problem solving skills **DM3**:Moderately support by PEO2 as without learning ambience it is difficult to perform research activities
PEO-3 (Inter personnel skills and ethics)	2	2	3	**DM1**:Moderately support by PEO3 as communication and ethics are part of industrial needs **DM2**: Moderately support by PEO3 as Inter personnel skills are required to conduct various training activities with stake holders' involvement. **DM3**: Strongly support by PEO3 as the professional and inter personnel skills achieved through the proper guidance of faculty

PEO-4 (Lifelong learning)	2	2	3	**DM1**: Moderately support byPEO4 as changes are needed in industry advanced technologies are required by using cutting edge tolls and technologies **DM2**: Moderately support by PEO4 as Technological advancements leads to conduct various training activities with stakeholders involvement. **DM3**: Strongly support by PEO3 as both are correlated each other

PEO Statements	M1	M2	M3
Exhibit strong foundation in Mathematics, Science and Computer Engineering fundamentals to solve Engineering problems as per industry needs.	3	2	2
Apply recent technological developments to contribute effectively for research activities.	3	3	2
Inculcate multidisciplinary approach, professional attitude and ethics, communication and teamwork skills, and ability to relate computer engineering issues with social awareness.	2	2	3
Adapt technological advancements by continuous learning.	2	2	3

2 PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES (120)

Total Marks 120.00

2.1 Program Curriculum (20)

Total Marks 20.00

2.1.1 State the process used to identify extent of compliance of the University curriculum for attaining the Program Outcomes and Program Specific Outcomes as mentioned in Annexurel. Also mention the identified curricular gaps, if any (10)

Institute Marks : 10.00

Table 2.0.1: List of Program Outcomes

PO1	**Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
PO2	**Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
PO3	**Design/Development of Solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
PO4	**Conduct Investigations of Complex Problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
PO5	**Modern Tool Usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
PO6	**The Engineer and Society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
PO7	**Environment and Sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO8	**Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO9	**Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10	**Communication Skills:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11	**Project Management and Finance:** Demonstrate knowledge and understanding of the engineering and management principles and Apply these to one's own work , as a member and leader in team , to manage projects and multidisciplinary environments.
PO12	**Life-Long Learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Table 2.0.2: List of Program Specific Outcomes

PSO1	***Engineering Fundamentals:*** **The ability to develop computer programs in the areas related to Algorithms, Multimedia, Web design, Big Data Analytics, and IoT to deliver a quality product for society needs.**
PSO2	***Career Development:*** **The ability to excel in Computer Science and Engineering program through quality education, communication skills and ethics which enables them to succeed in computing industry profession.**
PSO3	***Problem Solving Skills:*** **The ability to apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success.**

Program Curriculum:

Our college adheres to curriculum and syllabi prescribed by JNTUK University, Kakinada. The syllabi comprise of multi-faceted courses covering theory, practical and presently implementing the regulations which are underway

Table. 2.1.1.1. Curriculum Regulation details

S.NO	BATCH	REGULATION	UNIVERSITY
1	2018-22	R16	JNTUK
2	2019-23	R19	
3	2020-24	R20	
4	2021-25	R20	
5	2022-26	R20	
6	2023-27	R23	AUTONOMOUS
7	2024-28	R23	

UNIVERSITY CURRICULUM:

A. Process used to identify extent of compliance of the University Curriculum for attaining the Program Outcomes and Program Specific Outcomes. (6)

Sri Vasavi Institute of Engineering & Technology is affiliated to Jawaharlal Nehru Technological University, Kakinada. Depending on the structure and framing of the curriculum and syllabus prepared by the JNTUK, all the Program Outcomes of this B. Tech CSE program offered by it. POs are prescribed by the National Board of Accreditation. Course Outcomes are defined by the course handling faculty aligned to university curriculum. We relate these Course Outcomes with POs and PSOs.

R20 Regulation

Table:2.1.1.2 Curriculum Components of Program Curriculum

Category Wise POs Mapped		
Category	**POs Mapped**	**PSO'S Mapped**
Basic Sciences	PO1,PO2,PO3, PO5,PO6,PO7,PO9,PO12	PSO1,PSO3
Humanities	PO1,PO2,PO3,PO5,PO6,PO7,PO8,PO9, PO12	PSO2
Engineering Sciences & Interdisciplinary	PO1,PO2,PO3, PO5,PO6,PO7,PO9,PO12	PSO1,PSO3
Professional Core	PO1,PO2,PO3,PO4,PO5,PO6,PO9,PO12	PSO1,PSO3
Professional Elective	PO1,PO2,PO3,PO5,PO9,PO12	PSO1,PSO3
Open Elective	PO1,PO2,PO3,PO5,PO6	PSO1,PSO3
Project & Other(OT)	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12	PSO1,PSO2,PSO3

Table 2.1.1.3 Program Curriculum Analysis(R20)

Type of course	LH	Percentage of LH	P	Percentage of P	T	Percentage of T	No .of Courses	Percentage of Courses	Credits	Percentage of Credits
Basic Sciences	18	16.99	6	8.7	0	0	8	15.09	21	13.12
Humanities	9	8.5	3	4.4	0	0	4	7.55	10.5	6.6
Engineering Sciences & Inter disciplinary	16	15.09	16	23.19	0	0	10	18.86	24	15
Professional Core	36	33.97	28	40.58	0	0	11	20.75	51	31.88
Professional Elective	15	14.15	0	0	0	0	5	9.44	15	9.38
Open Elective	12	11.33	0	0	0	0	4	7.55	12	7.5

Project & Other(OT)	0	0	16	23.19	0	0	11	20.76	26.5	16.57
Total	106		69		0		53		160	

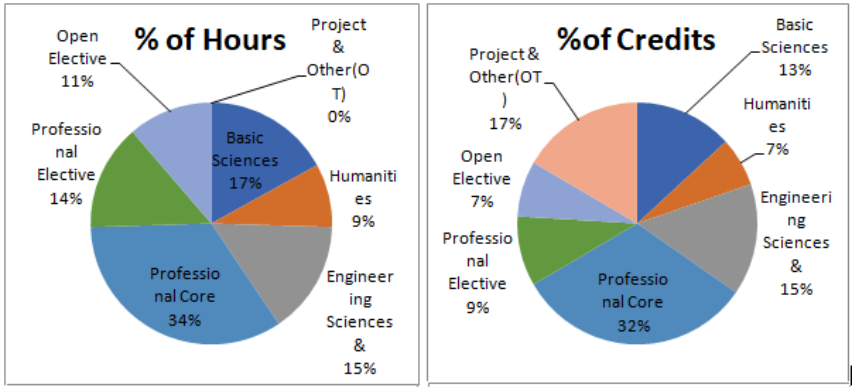


Fig 2.1.1 Category wise Hours and Credits Percentage

Table 2.1.1.4 Comparison table for JNTUK Curriculum with AICTE Curriculum

Type of course	LH	Percentage of LH	P	Percentage of P	T	Percentage of T	No .of Courses	Percentage of Courses	Credits	Percentage of Credits
Basic Sciences	18	16.99	6	8.7	0	0	8	15.09	21	13.12
Humanities	9	8.5	3	4.4	0	0	4	7.55	10.5	6.6
Engineering Sciences & Inter disciplinary	16	15.09	16	23.19	0	0	10	18.86	24	15
Professional Core	36	33.97	28	40.58	0	0	11	20.75	51	31.88
Professional Elective	15	14.15	0	0	0	0	5	9.44	15	9.38
Open Elective	12	11.33	0	0	0	0	4	7.55	12	7.5
Project & Other(OT)	0	0	16	23.19	0	0	11	20.76	26.5	16.57

R20 CREDITS

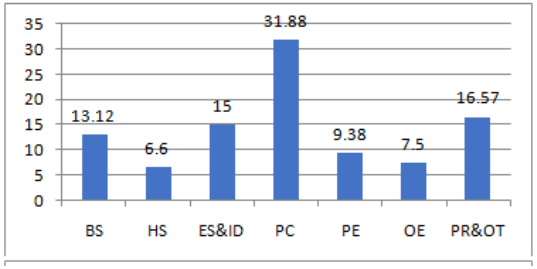


Fig 2.1.1.2 Category wise Credits Percentage R20

R19 CREDITS

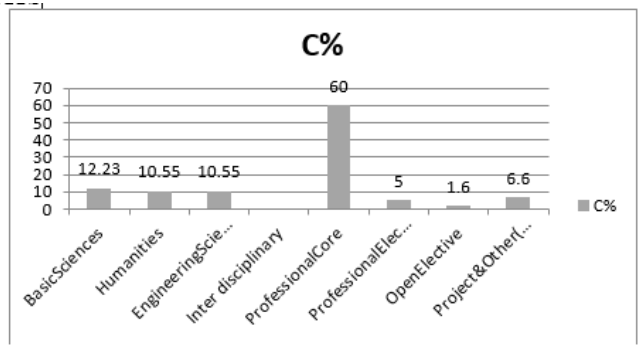


Figure 2.1.1.3: Category Wise Credits Percentage (R-19)

R16 CREDITS

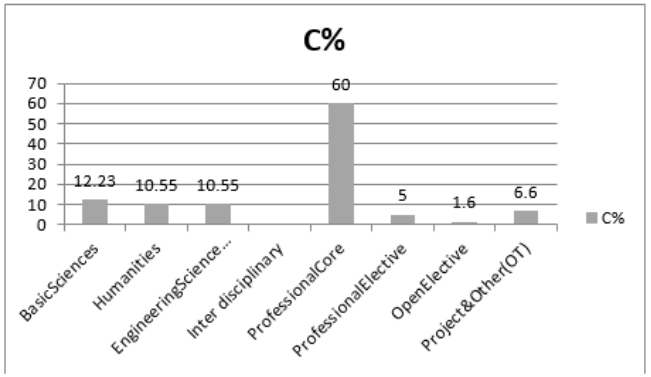


Figure 2.1.1.4: Category Wise Credits Percentage (R-16)

Table 2.1.1.6 R20 Curriculum Mapping to PO/PSOs

Course name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
C111(ENG)	-	-	-	-	-	1	1	1.5	1.66	2.5	-	2	-	-	-
C112(M-I)	3	2	-	-	-	-	-	-	-	-	-	1	-	-	-
C113(AP)	3	2	-	1.5	-	-	-	-	1	-	-	-	-	-	-
C114(PPSC)	2.75	2.5	2	-	-	-	-	-	-	-	-	-	-	-	-
C115(CEWS)	3	1.67	-	-	1.67	-	-	-	2	-	-	2	3	-	3
C116(ELCS LAB)	1	-	-	-	-	1.33	1.5	-	-	2.25	-	-	-	-	-
C117(AP LAB)	2	1	-	2	2	-	-	-	3	-	-	-	-	-	-
C118(PPSC LAB)	3	2.8	2.5	-	-	-	-	-	-	-	-	-	-	-	-
C121(M-II)	3	2	-	-	-	-	-	-	-	-	-	1	-	-	-
C122(AC)	1	2	2	-	-	2	2.5	-	-	-	-	-	-	-	-
C123(CO)	3	3	2	-	-	-	-	-	-	-	-	-	2.83	-	2
C124(DS)	2	2.83	2.25	-	-	-	-	-	-	-	-	-	2.5	-	2.67
C125(PP)	1	2	3	1	3	-	-	-	-	-	-	-	3	2	-
C126(ACLAB)	2	2	-	-	-	3	3	-	-	-	-	-	-	-	-
C127(PPLAB)	1	2	3	1	3	-	-	-	-	-	-	-	3	2	-
C128(DSLAB)	1.8	2	2.25	-	-	-	-	-	-	-	-	-	3	-	2.4
C211(M3)	3	2	-	-	-	-	-	-	-	-	-	1	3	-	2
C212(OOPTC++)	2.2	2.5	2	-	2	-	-	-	-	-	-	-	3	-	2
C213(OS)	1.8	1.8	2.3	-	-	-	-	-	-	-	-	-	3	-	2
C214(SE)	2.6	3	-	1.5	-	-	-	-	-	-	-	-	3	-	2
C215(MFCS)	2	3	-	-	-	-	-	-	-	-	-	1	3	-	2
C216(OOPS LAB)	2.5	2.25	2.25	-	3	-	-	-	-	-	-	3	3	-	2
C217(OS LAB)	1.8	2	2.5	-	-	-	-	-	-	-	-	-	3	-	2
C218(SE LAB)	2	2.6	3	-	3	-	-	-	-	-	-	-	3	-	2
C219(NUMPYLAB)	2	2	1.25	-	2.5	-	-	-	-	-	-	-	3	-	2.5
C221(P&S)	2	3	-	-	1	-	-	-	-	-	-	-	3	-	2
C222(DBMS)	2.2	2.5	3	-	-	-	-	-	-	-	-	-	3	-	2
C223(FLAT)	2	1.6	2	1	-	-	-	-	-	-	-	1	3	-	2
C224(JP)	3	2	2	-	-	-	-	-	-	-	-	1	3	-	2
C225(MEFA)	2.3	2.25	-	-	-	-	-	3	2	-	2.2	-	3	-	2
C226(DBMS LAB)	1.75	2	2.3	-	-	-	-	-	-	-	-	-	3	-	2.5
C227(R LAB)	2	2.8	1	-	2	-	-	-	-	-	-	-	1.75	1.5	1.75
C228(JP LAB)	2	3	3	3	1.5	-	-	-	1	-	-	2	3	-	2

C229(PANDAS LAB)	3	2	1.5	-	-	-	-	-	-	-	-	-	3	-	2
C311(CN)	2.2	2.8	-	-	-	-	-	-	-	-	-	-	3	-	2
C312(DAA)	2.6	2.4	3	-	-	-	-	-	-	-	-	-	2	-	3
C313(DWDM)	2.2	2.5	3	-	-	-	-	-	-	-	-	-	3	-	2.2
C314(IOT)	2.2	2.5	3	-	-	-	-	-	-	-	-	-	3	-	2.2
C315(SPM)	2.2	2.5	3	-	-	-	-	-	-	-	-	-	3	-	2.2
C316(DWDM LAB)	3	-	-	-	-	-	-	-	-	-	-	-	3	-	2
C317(CN LAB)	2..25	2.25	2	-	3	-	-	-	-	-	-	2	3	-	2
C318(DEVOPS LAB)	2	2	2.75	-	3	-	-	-	3	-	3	1	3	-	2.5
C321(ML)	1.6	2	2.2	2	3	2	-	-	-	-	-	-	2	1	-
C322(CD)	2.2	2.8	2	-	2	-	-	-	-	-	-	-	3	-	2.5
C323(CNS)	2.6	2.6	2	-	-	-	-	-	-	-	-	1	3	-	2
C324(OOAD)	3	2	3	1	3	-	-	-	-	-	-	-	3	-	2
C325(FUEE)	2	3	3	-	2.6	-	-	-	-	-	-	2	-	2	-
C326(ML LAB)	3	2	3	1	3	-	-	-	-	-	-	-	3	-	3
C327(CD LAB)	2.3	2	2.3		2.3	-	-	-	2.75	-	-	-	3	-	2.5
C328(CNS LAB)	3	3	3	3	3	-	2	-	-	-	-	-	3	3	3
C329(MST LAB)	3	2	2	-	1	-	-	-	-	-	-	-	3	-	2
C411(CC)	3	1	1	--	--	--	--	--	--	--	--	--	3	-	2
C412(DLT)	3	2	2	1	-	-	-	-	-	-	-	-	3	-	2
C413(BCT)	3	2	2	-	-	-	-	-	-	-	-	-	3	-	2
C414(DC)	3	2	2	-	-	2	-	-	2	-	-	2	2	2	2
C415(CE)	2.4	2.5	2	-	-	-	-	-	-	-	-	-	2	2	-
C416(UHV-II)	-	-	-	-	-	-	-	3	-	2	-	-	1	1	1
C417(MST LAB)	2	2	3	-	3	-	-	-	2	-	-	-	3	-	2
C421(Project)	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
Average	2.34	2.27	2.35	1.69	2.45	2.04	2.16	2.62	2.12	2.43	2.73	1.62	2.83	1.95	2.18

TOTAL	AVG	80% of AVG
33.78	**2.25**	**1.8**

POs/PSOs Averages Of all Courses:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CURRICULLUM	2.34	2.27	2.35	1.69	2.45	2.04	2.16	2.62	2.12	2.43	2.73	1.62	2.83	1.95	2.18

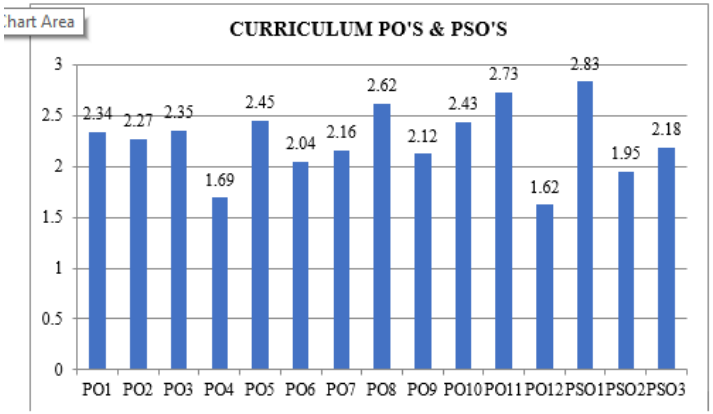


Figure 2.1.1.5 PO's PSO's Average of all courses

All POs are averaged, and we take 80% of the average as target and compare with individual Po Average to identify the gap, then the averages less than the overall 80% average is considered as a gap. All the POs average is greater than the target but PO4, PO12 are less than Overall PO Average. So we conduct events apart from curriculum to attain PO'S less than the overall PO Average.

Additional activities conducted to strengthen the mapping:

Academic Year 2023-24

DEPARTMENT EVENTS

S.No	Event	Resource Person	Relevance to POs, PSOs
1	students Association (VOICE) Annual day celebration on 27th April 2024	On Campus	PO'S:6,7,8,9,10
2	Organized a Guest Lecture on "Machine Learning and Applications ", on 27th April 2024	Dr.T.Subha Mastan Rao Associate Professor, KLEF, Guntur.	PO'S:1,2,3,5,9,11,12

3	Conducted “JAM (just a minute)” 01-04-2024	Mr. Mehadi,Brain O Vision Solutions (India)pvt. ltd	PO'S:1,2,3,4,5,9,11,12
4	Organized a Workshop on “FDP on Salesforce platform Developer-1”, on 18-03-2024 to 22-03-2024	On Campus	PO'S:6,7,8,9,10
5	Conducted “TEMPLATE DESIGN “18-03-2024	On Campus	PO'S:6,7,8,9,10,11
6	Conducted “PROGRAMMING SKILL”10-02-2024	On Campus	PO'S:6,7,8,9,10
7	Conducted “PROGRAMMING QUIZ”13-10-2023	On Campus	PO'S:1,2,6,7,8,9,10
8	Conducted “POWER POINT PRESENTATION”16-09-2023	On Campus	PO'S:1,2,6,7,8,9,10
9	Conducted “Poster Presentation” 29-08-2023	On Campus	PO'S:1,2,6,7,8,9,10

NSS EVENTS

S.NO	Name of the Activity	POS
1	Buttermilk Chalivendram	PO6,PO7,PO8,PO9,PO10,PO12
2	Meri Mitti Meri Desh Program	PO6,PO7,PO8,PO9,PO10,PO12
3	Awareness Program on Ragging laws	PO6,PO7,PO8,PO9,PO10,PO12
4	Tiranga-23	PO6,PO7,PO8,PO9,PO10,PO12
5	Blood Donation Camp	PO6,PO7,PO8,PO9,PO10,PO12
6	Swatch Bharat	PO6,PO7,PO8,PO9,PO10,PO12
7	Fit India Freedom Run	PO6,PO7,PO8,PO9,PO10,PO12
8	Amrith Kalash Yatra	PO6,PO7,PO8,PO9,PO10,PO12
9	National Unity Day	PO6,PO7,PO8,PO9,PO10,PO12
10	Disha App Installation Camp	PO6,PO7,PO8,PO9,PO10,PO12
11	AIDS Day Awareness Program	PO6,PO7,PO8,PO9,PO10,PO12
12	National Youth Day	PO6,PO7,PO8,PO9,PO10,PO12
13	World Cancer Day	PO6,PO7,PO8,PO9,PO10,PO12
14	International Women’s Day	PO6,PO7,PO8,PO9,PO10,PO12
15	International Yoga Day	PO6,PO7,PO8,PO9,PO10,PO12

Student Activity Centre Events

S.NO	Name of the Activity	POs
1	Independence Day	PO6,PO7,PO8,PO9,PO10,PO12

2	Teachers Day	PO6,PO8,PO9,PO10,PO12
3	Krishnastami	PO8,PO9,PO10,PO12
4	Freshers Day	PO8,PO9,PO10,PO12
5	Dasara Mahotsavam	PO8,PO9,PO10,PO12
6	Karthika Deepotsavam	PO8,PO9,PO10,PO12
7	Semi Christmas Celebrations	PO8,PO9,PO10,PO12
8	Sankranthi sambaralu	PO8,PO9,PO10,PO12
9	ETV Josh Program	PO8,PO9,PO10,PO12
10	Annual Day Celebrations	PO8,PO9,PO10,PO12

TP&CG EVENTS

S.NO	Name of the event	POs Mapped
1	Training	PO8, PO9 ,PO10, PO12
2	Placement	PO8, PO9 ,PO10, PO12
3	Career Guidance	PO8, PO9 ,PO10, PO12

R&D EVENTS

S.NO	Name of the event	POs Mapped
1	Journal metrics and publication ethics	PO6,PO7,PO8,PO9,PO10,PO11,PO12
2	Workshop on Research Methodology	PO5,PO6,PO7,PO9,PO10,PO12
3	IPR for Academia & Industry startups	PO6,PO7,PO8,PO9,PO10,PO11,PO12
4	National Intellectual Property Awareness mission	PO6,PO7,PO8,PO9,PO10,PO11,PO12
5	Seminar on Research Methodology and Manuscript writing	PO6,PO7,PO8,PO9,PO10,PO11,PO12
6	Workshop on Intellectual Property Rights and patent Prosecution	PO6,PO7,PO8,PO9,PO10,PO11,PO12
7	Innovative Business Ideas	PO6,PO7,PO8,PO9,PO10,PO11,PO12
8	Seminar on Research Methodology	PO6,PO7,PO8,PO9,PO10,PO11,PO12

Add-on Courses List:

S.NO	Name of the Course	POs Mapped
1	ICT-AWS CLOUD	PO1, PO2, PO3, PO4, PO5, PO10, PO12, PSO2, PSO3
2	PYTHON FULL STACK	PO1, PO2, PO3, PO4, PO5, PO10, PO12, PSO2, PSO3

B. List the curricular gaps for the attainment of defined Program Outcomes (POs) and Program Specific Outcomes (PSOs). (4)

As an affiliated institution, the programs are bound to follow the curriculum set by the university. It is necessary to identify the curricular gaps and take measures to bridge them by supplementing the curriculum with content beyond the syllabus through active teaching and learning methodologies.

The processes to identify the curricular gaps are carried out in the following ways: Feedback from the student exit survey was consolidated to identify the curricular gaps.Employer feedback surveys are consolidated, and the suggestions are considered and conveyed to the appropriate boards responsible for framing the syllabi. An alumni survey has been taken to get information about requirements in industries, and industry experts who

conduct placements through CRTP shall be consolidated, and their suggestions shall be considered by the Program Assessment Committee for identifying the curricular gaps. The shortcomings in the curriculum to attain the Program Outcomes (POs) are identified as curricular gaps.

Program Assessment Committee (PAC) discusses the advantages and disadvantages of the current scheme with the help of course feedback surveys, student exit surveys, alumni surveys, employer surveys, etc., and formulates recommendations for the next scheme. These recommendations are submitted to the university. The Course Outcomes (COs) of the courses are mapped to the relevant POs and PSOs through individual COs to identify the curriculum gaps.

PROCESS OF GAP IDENTIFICATION

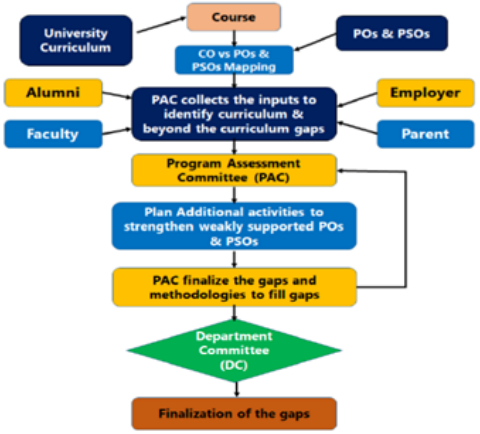


Fig :2.1.1.6 Process for Curriculum gap identification

Curriculum gaps are identified using the following process in the department.

1) University Curriculum is taken as input
2) Course outcomes are prescribed by subject handling faculty by considering Course Syllabus form, affiliated university curriculum.
3) POs defined by NBA and PSOs defined by Department Academic Committee (DC) are considered for mapping of Cos with POs and PSOs.
4) Subject handling faculty identifies gaps of the subject by considering the university curriculum.
5) Alumni, Employer, Student (Exit), and Industry Experts feedback also collected on curriculum.
6) The coordinator of Program Assessment Committee (PAC) collects the gaps from faculty.
7) PAC receives inputs from the coordinator and discuss with them and list out the gaps to conduct, additional activities to strengthen weakly supported POs and PSOs.
8) PAC suggests suitable implementation methods such as conducting certificate courses, additional lab sessions, guest lectures, seminars, workshops and industrial visits etc.
9) PAC sent the identified gaps to provides methodology to fill the gaps are sent to Department Academic Committee (DC) for approval.
10) After approval from Department Academic Committee (DC) the gaps and methodologies to fill the gaps are sent to the College Academic Committee (CAC).
11) The CAC send the list of gaps to the University Director of Academic and Planning (DAP)

Evaluation Process: The consolidated curriculum gaps in each course and the proposed list of actions are put forth for verification by Program Assessment Committee (PAC). After approved by Department Advisory Committee (DAC), the actions are in corporate at various stages of delivery in courses lecture plans and in the department event planner etc. After completion of every action, the DAC conducts an exam feedback session which is followed for acquiring the satisfaction level of the students over those topics introduced as an additional concept for fulfilling the curriculum gaps, and the result is accumulated to the attainment of POs, PSOs. During the semester course instructor assesses the COs and POs/PSOs by conducting assessments, class test, quiz, and mid exams as an internal assessment. The external assessment is done as per the schedule of the affiliated university i.e., JNTUK. The procedural training towards Outcome Based Education (OBE) was imparted to the course coordinators. Relevant courses are collected based on its contents and grouped them as modules which consists of Basic Sciences, Humanities and Social Sciences, Engineering Core and electives and other courses. For each course, the knowledge level of corresponding course outcomes is formulated. Curriculum compliance may be verified by organizing the information into a matrix (CO-PO strength matrix) which maps the link between the course outcomes (COs) and the program out comes (POs). Mapping not only provides the information of what requirements (POs), but also manifests the way and possible level of attaining the POs by curriculum. The same process is extended to COs-PSOs strength matrix. From the identified through consolidation of average CO – PO/PSO mapping of all courses.

CURRICULAR GAP: The courses and the course contents prescribed in the curriculum are mapped to the relevant POs and PSOs through individual course outcomes (COs). Curriculum gaps are identified through consolidation of average CO – PO/PSO mapping of all courses. The identified curricular gaps are as listed below

Table 2.1.1.7 CURRICULAR GAPS IDENTIFIED IN A.Y 2023-2024:

S.NO	COURSE CODE	COURSE NAME	Curricular Gap topics identified	Related COs	Related POs	PSOs
1	C212	OOPC++	Usage of IDE's and modern text editors for creating c++ application	CO1	PO5	PSO1,PSO3
2	C222	DBMS	PL/SQL Introduction	CO5	PO2,PO12	PSO1,PSO3
3	C213	OS	Compare various modern operating system features	CO1	PO2.PO12	PSO1,PSO3
4	C224	JP	Explain java.io package in java	CO4	PO1	PSO1,PSO3
5	C311	CN	Network switching, Classification	CO4	PO2	PSO1,PSO3
6	C322	CD	Install LEX and YACC Tools for creating an Lexical Analyzer	CO1	PO5,12	PSO1,PSO3
7	C414	DC	Analyze the theoretical basis of data communication	CO1	PO2	PSO1,PSO3
8	C411	CC	Demonstration of Virtualization using VM ware software	CO2	PO5	PSO1,PSO3

Table 2.1.1.8 CURRICULAR GAPS IDENTIFIED IN A.Y 2022-2023:

S.NO	COURSE CODE	COURSE NAME	Curricular Gap topics identified	Related COs	Related POs	PSOs
1	C222	DBMS	PL/SQL Introduction	CO5	PO2,PO12	PSO1,PSO3
2	C213	OS	Compare various modern operating system features	CO1	PO2.PO12	PSO1,PSO3
3	C224	JP	Explain java.io package in java	CO4	PO3	PSO1,PSO3
4	C212	OOPC++	Usage of IDE's and modern text editors for creating c++ application	CO1	PO5	PSO1,PSO3
5	C311	CN	Network switching, Classification	CO4	PO2	PSO1,PSO3
6	C322	CD	Install LEX and YACC Tools for creating an Lexical Analyzer	CO1	PO5,12	PSO1,PSO3
7	C411	FUEE	Calculation of the illumination levels	CO3	PO7	PSO1,PSO3
8	C413	ML	ML Introduction	CO5	PO2,12	PSO1,PSO3

Table 2.1.1.9 CURRICULAR GAPS IDENTIFIED IN A.Y 2021-2022

S.NO	COURSE CODE	COURSE NAME	Curricular Gap topics identified	Related COs	Related POs	PSOs
1	C222	DBMS	PL/SQL Introduction	CO5	PO2,PO12	PSO1,PSO3
2	C214	SE	Use case based testing Measurements	CO5	PO2	PSO1,PSO3
3	C213	OS	Compare various modern operating system features	CO1	PO2.PO12	PSO1,PSO3
4	C212	MFCS	Order of a Group	CO2	PO1,PO2	PSO1,PSO3
5	C321	WT	Java Beans API	CO6	PO1,PO2,PO5	PSO1,PSO3
6	C315	DWDM	Explain OLAP operations	CO1	PO1,02	PSO1,PSO3
7	C411	CNS	Differentiation of block and stream ciphers	CO2	PO3	PSO1,PSO3
8	C415	BDA	Exporting and Importing data to and from database	CO6	PO3,PO12	PSO1,PSO3

Table 2.1.1.10 Engineering Subjects-Lab Practices

S.No	Course With Year And Semester	Lab Name With Year And Semester
1	Object Oriented Programming through C++ (II-I)	Object Oriented Programming through C++ Lab(II-I)
2	Operating Systems (II-I)	Operating Systems Lab(II-I)
3	Software Engineering(II-I)	Software Engineering Lab Lab(II-I)
4		Applications of Python-NumPy (Skill-Oriented Lab) (II-I)
5	Computer Networks(III-I)	Computer Networks Lab(III-I)
6	Data warehousing and Data Mining(III-I)	Data warehousing and Data Mining Lab(III-I)
7		Skill-Oriented Lab(III-I)
8		MEAN Stack Technologies-Module IIAngular JS and MongoDB(SOC)(IV-I)
9	Database Management Systems (II-II)	Database Management Systems Lab(II-II)
10	Java Programming (II-II)	Java Programming Lab(II-II)
11		R Programming Lab (II-II)
12		AIML LAB-Artificial Intelligence and Machine Learning Lab(III-II)
13	Compiler Design(III-II)	Compiler Design Lab(III-II)
14	Machine Learning(III-II)	Machine Learning Lab(III-II)
15	Cryptography and Network Security (III-II)	Cryptography and Network Security LAB(III-II)

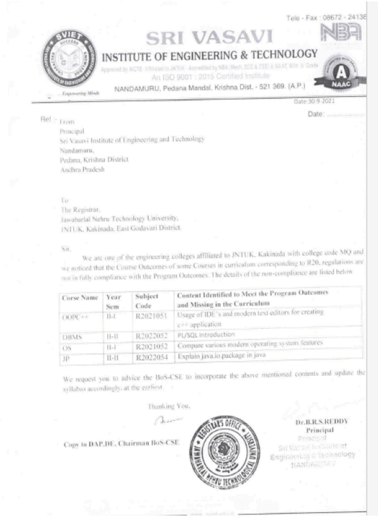
2.1.2 State the delivery details of the content beyond the syllabus for the attainment of POs and PSOs (10)

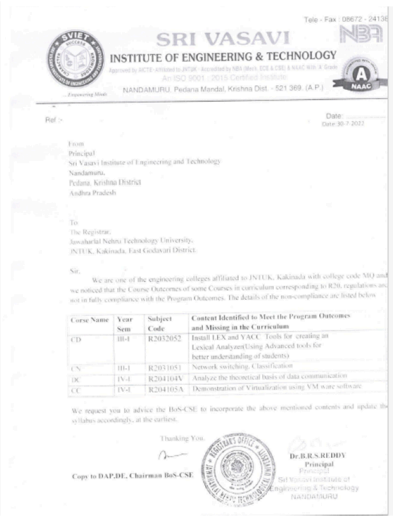
Institute Marks : 10.00

A. Steps taken to get identified gaps included in the curriculum (letter to University / BOS). (2)

Inputs and suggestions to JNTU Kakinada regarding curriculum gaps and the possible addition of new content

The Department consolidated all the additional contents in theory and laboratory courses and submitted them to the institute level Academic Committee (Principal) to communicate to the JNTU, Kakinada, and Board of Studies for their kind perusal and consideration for discussion in the exercise of upcoming regulations of curriculum and syllabus structure.


SRI VASAVI
INSTITUTE OF ENGINEERING & TECHNOLOGY
NANDAMURU, Pedana Mandal, Krishna Dist. - 521 369. (A.P.)


SRI VASAVI
INSTITUTE OF ENGINEERING & TECHNOLOGY
NANDAMURU, Pedana Mandal, Krishna Dist. - 521 369. (A.P.)

B. & C. Delivery details of content beyond syllabus & Mapping of content beyond the syllabus with POs and PSOs .(5+3 =8)

Process to identify the gaps for attaining COs, POs, and PSOs

1. The Program Assessment Committee collects the list of curriculum gaps from the university curriculum, faculty, students, alumni, and employers, and then forwards the list of consolidated gaps/content beyond the syllabus with actions to the Department Advisory Committee and Department Committee.
2. The Department Advisory Committee will analyze the list of identified gaps/content beyond the syllabus with actions to strengthen weakly supported POs and PSOs given by the Program Assessment Committee, and it will give the suggestion to the Department Committee for further modification or approval.
3. The Department Committee will finalize the list of gaps with actions. The following are the identified gaps and finalized actions during the assessment period.

Action taken for gaps identified for A.Y-2023-2024

S.NO	Action Taken	Date	Resource person with Designation	% of students attended	Relevance to POs &PSOs
G1	Take one hour lab to practice the Usage of IDE's and modern text editors for creating c++ application	19-08-2023	CH. Hari Prasad Asst.Professor	85	PO5, PSO1, PSO3
G2	Take a session on Demonstrate PL/SQL Introduction	28-03-2024	B.Indra Devi Asst.Professor	68	PO2, PO12, PSO1, PSO3
G3	Take one hour class to discuss various modern operating system features	16-08-2023	CH.Prabhavathi Asst.Professor	79	PO2, PO12, PSO1, PSO3

G4	Lecture hour taken to explain java.io package	19-02-2024	SVC Gupta Professor	83	PO1, PO5, PSO1, PSO3
G5	Take one hour class to demonstrate network switching and classification	08-09-2023	N.Sushma Asst.Professor	96	PO2, PSO1,PSO3
G6	Take one hour lab session on Install LEX and YACC tools execute programs on it	02-01-2024	G.Venkata rathnam Assoc.Professor	82	PO5, PO12, PSO1, PSO3
G7	Take one hour class to demonstrate the Theoretical basis of data communication	17-07-2023	M. Prasanthi Asst.Professor	71	PO2, PSO1, PSO3
G8	Take one hour lab to demonstrate virtualization using VM software	11-08-2023	M. Srinivasa rao Assoc.Professor	72	PO5, PSO1, PSO3

Action taken for gaps identified for A.Y-2022-2023

S.NO	Action Taken	Date	Resource person with Designation	% of students attended	Relevance toPOs
G1	Taken a session on Demonstrate PL/SQL Introduction	10-04-2023	G. Nancharaiah Asst.Professor	72	PO2, PO12, PSO1, PSO3
G2	Taken one hour class to discuss various modern operating system features	24-12-2022	CH.Prabhavathi Asst.Professor	79	PO2,PO12,PSO1,PSO3
G3	Taken one hour lab to demonstrate java.io package	08-04-2023	SK.Ahmed Mohiddin Asst.Professor	71	PO3,PSO1,PSO3
G4	Taken one hour lab to practice the Usage of IDE's and modern text editors for creating c++ application	28-12-2022	MD.Ahmed Asst.Professor	72	PO5,PSO1,PSO3
G5	Taken one hour class to demonstrate network switching and classification	06-10-2022	P.Joythi Asst.Professor	70	PO2,PSO1,PSO3
G6	Taken one hour lab session on Install LEX and YACC tools execute programs on it	24-04-2023	P. Ashok Kumar Asst.Professor	72	PO5,PO12,PSO1,PSO3

G7	Taken a session on Calculating Illumination levels using dialux software is to be conducted	30-01-2023	Mr.V.V.N Bhaskar Kandula,Asst.Professor	75	PO7,PSO1,PSO3
G8	Taken one hour class to give ML Introduction	10-07-2022	G. Nancharaiah Asst.Professor	78	PO2,PO12,PSO1,PSO3

Action taken for gaps identified for A.Y-2021-2022

S.NO	Action Taken	Date	Resource person with Designation	% of students attended	Relevance to POs
G1	Taken a session on Demonstrate PL/SQL Introduction	10-05-2021	P.Ashok Kumar Asst.Professor	75	PO2, PO12, PSO1, PSO3
G2	Take one hour class to explain use case based testing	17-12-2021	N.Anil Kumar Asst.Professor	74	PO2, PSO1, PSO3
G3	Taken one hour class to explain various modern operating systems features	22-12-2021	P.Ashok Kumar Asst.Professor	79	PO2, PO12, PSO1, PSO3
G4	Taken one hour class to explain order of a group	29-10-2021	P.V.Naresh Asst.Professor	75	PO1, PO2, PSO1, PSO3
G5	Taken one hour lab session to explain java beans API	06-05-2022	N.Rangasree Asst.Professor	74	PO1, PO2, PO5, PSO1, PSO3
G6	Taken one hour class to explain OLAP operations	15-09-2021	Sk.Ahmed Mohiddin Asst.Professor	72	PO1, PO2, PSO1, PSO3
G7	Taken one hour class to explain BLOCK and stream ciphers	15-09-2021	SVC.Gupta Professor	85	PO3, PSO1, PSO3
G8	Taken one hour class to explain Exporting and Importing data to and from database using sqoop ecosystem	29-11-2021	M.Naga Vamsi Asst.Professor	95	PO3,PO12,PSO1,PSO3

Additional activities conducted to strengthen the mapping:

Academic Year 2023-24

Add-on Courses List:

S.NO	Name of the Course	Date	POs Mapped
1	ICT-AWS CLOUD	01-08-2023 to 18-08-2023	PO1, PO2, PO3, PO5, PO10, PO12, PSO2, PSO3
2	PYTHON FULL STACK	22-01-2024 to 29-01-2024	PO1, PO2, PO3, PO5, PO10, PO12, PSO2, PSO3

2023-24

S.No	Gap	Action Taken	Date-Month-Year	Resource Person with Designation	% of students	Relevance to POs, PSOs
1	G1	Take one hour lab to practice the Usage of IDE's and modern text editors for creating c++ application	19/08/2023	CH. Hari Prasad Asst.Professor	85	PO5, PSO1, PSO3
2	G2	Take a session on Demonstrate PL/SQL Introduction	28/03/2024	B.Indra Devi Asst.Professor	68	PO2, PO12, PSO1, PSO3
3	G3	Take one hour class to discuss various modern operating system features	16/08/2023	CH.Prabhavathi Asst.Professor	79	PO2, PO12, PSO1, PSO3
4	G4	Lecture hour taken to explain java.io package	19/02/2024	SVC Gupta Professor	83	PO1, PO5, PSO1, PSO3
5	G5	Take one hour class to demonstrate network switching and classification	08/09/2023	N.Sushma Asst.Professor	96	PO2, PSO1,PSO3
6	G6	Take one hour lab session on Install LEX and YACC tools execute programs on it	02/01/2024	G.Venkata rathnam Assoc.Professor	82	PO5, PO12, PSO1, PSO3
7	G7	Take one hour class to demonstrate the Theoretical basis of data communication	17/07/2023	M. Prasanthi Asst.Professor	71	PO2, PSO1, PSO3
8	G8	Take one hour lab to demonstrate virtualization using VM software	11/08/2023	M. Srinivasa rao Assoc.Professor	72	PO5, PSO1, PSO3

2022-23

S.No	Gap	Action Taken	Date-Month-Year	Resource Person with Designation	% of students	Relevance to POs, PSOs
1	G1	Taken a session on Demonstrate PL/SQL Introduction	10/04/2023	G. Nancharaiah Asst.Professor	72	PO2, PO12, PSO1, PSO3
2	G2	Taken one hour class to discuss various modern operating system features	24/12/2022	CH.Prabhavathi Asst.Professor	79	PO2,PO12,PSO1,PSO3
3	G3	Taken one hour lab to demonstrate java.io package	08/04/2023	SK.Ahmed Mohiddin Asst.Professor	71	PO3,PSO1,PSO3
4	G4	Taken one hour lab to practice the Usage of IDE's and modern text editors for creating c++ application	28/12/2022	MD.Ahmed Asst.Professor	72	PO5,PSO1,PSO3
5	G5	Taken one hour class to demonstrate network switching and classification	06/10/2022	P.Joythi Asst.Professor	70	PO2,PSO1,PSO3
6	G6	aken one hour lab session on Install LEX and YACC tools execute programs on it	24/04/2023	P. Ashok Kumar Asst.Professor	72	PO5,PO12,PSO1,PSO3
7	G7	Taken a session on Calculating Illumination levels using dialux software is to be conducted	30/01/2023	Mr.V.V.N Bhaskar Kandula,Asst.Professor	75	PO7,PSO1,PSO3
8	G8	Taken one hour class to give ML Introduction	10/07/2022	G. Nancharaiah Asst.Professor	78	PO2,PO12,PSO1,PSO3

2021-22

S.No	Gap	Action Taken	Date-Month-Year	Resource Person with Designation	% of students	Relevance to POs, PSOs
1	G1	Taken a session on Demonstrate PL/SQL Introduction	10/05/2021	P.Ashok Kumar Asst.Professor	75	PO2, PO12, PSO1, PSO3
2	G2	Take one hour class to explain use case based testing	17/12/2021	N.Anil Kumar Asst.Professor	74	PO2, PSO1, PSO3
3	G3	Taken one hour class to explain various modern operating systems features	22/12/2021	P.Ashok Kumar Asst.Professor	79	PO2, PO12, PSO1, PSO3
4	G4	Taken one hour class to explain order of a group	29/10/2021	P.V.Naresh Asst.Professor	75	PO1, PO2, PSO1, PSO3
5	G5	Taken one hour lab session to explain java beans API	06/05/2022	N.Rangasree Asst.Professor	74	PO1, PO2, PO5, PSO1, PSO3
6	G6	Taken one hour class to explain OLAP operations	15/09/2021	Sk.Ahmed Mohiddin Asst.Professor	72	PO1, PO2, PSO1, PSO3
7	G7	Taken one hour class to explain BLOCK and stream ciphers	15/09/2021	SVC.Gupta Asst.Professor	85	PO3, PSO1, PSO3
8	G8	Taken one hour class to explain Exporting and Importing data to and from database using Hadoop ecosystem	29/11/2021	M.Naga Vamsi Asst.Professor	95	PO3,PO12,PSO1,PSO3

2.2 Teaching - Learning Processes (100) Total Marks 100.00

2.2.1 Describe processes followed to improve quality of Teaching & Learning (25)

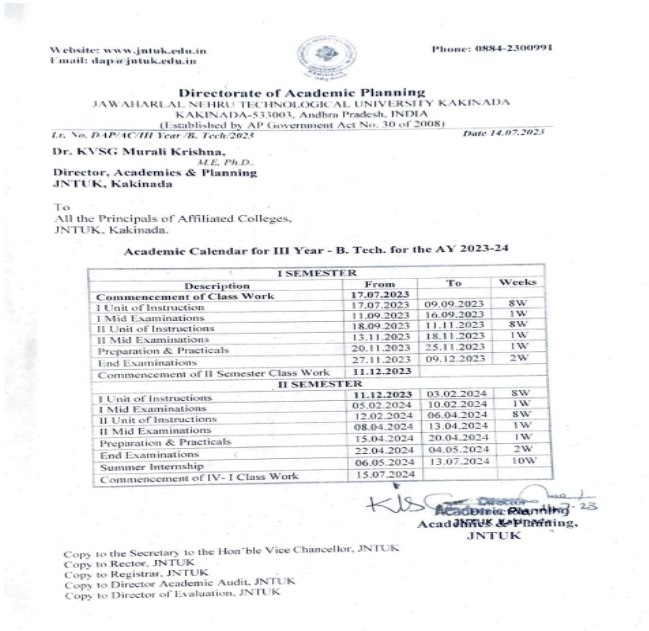
Institute Marks : 25.00

A. Adherence to Academic Calendar.(3)

The Department follows the academic calendar set by the JNTU, Kakinada. The Academic calendar consists of two semesters, even and odd. The Calendar includes the schedule of commencement of instructions, first and second internal exams, end semester theory and practical examinations. The department activities and events are scheduled well in advance before the commencement of the semester.

Department calendar of different technical events is prepared well in advance before the commencement of the academic year based on the events of university academic calendar. It consists of the activities planned, and for the semester which include commencement of classes, industrial visits, internal mid semester test dates, university exams, conduction of events like Guest Lectures, Workshops, Faculty Development Programs, etc., as shown in the Figure 2.2.1.1.

Sample JNTUK, Kakinada Academic Calendar



Website: www.jntuk.edu.in
Email: dap@jntuk.edu.in

Phone: 0884-2300991

Directorate of Academic Planning
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
KAKINADA-533003, Andhra Pradesh, INDIA
(Established by AP Government Act No. 30 of 2008)

Lr. No. DAP/AC/III Year /B. Tech/2023 Date 14.07.2023

Dr. KVSG Murali Krishna,
M.E, Ph.D.
Director, Academics & Planning
JNTUK, Kakinada

To
All the Principals of Affiliated Colleges,
JNTUK, Kakinada.

Academic Calendar for III Year - B. Tech. for the AY 2023-24

I SEMESTER			
Description	**From**	**To**	**Weeks**
Commencement of Class Work	**17.07.2023**		
I Unit of Instruction	17.07.2023	09.09.2023	8W
I Mid Examinations	11.09.2023	16.09.2023	1W
II Unit of Instructions	18.09.2023	11.11.2023	8W
II Mid Examinations	13.11.2023	18.11.2023	1W
Preparation & Practicals	20.11.2023	25.11.2023	1W
End Examinations	27.11.2023	09.12.2023	2W
Commencement of II Semester Class Work	**11.12.2023**		
II SEMESTER			
I Unit of Instructions	**11.12.2023**	03.02.2024	8W
I Mid Examinations	05.02.2024	10.02.2024	1W
II Unit of Instructions	12.02.2024	06.04.2024	8W
II Mid Examinations	08.04.2024	13.04.2024	1W
Preparation & Practicals	15.04.2024	20.04.2024	1W
End Examinations	22.04.2024	04.05.2024	2W
Summer Internship	06.05.2024	13.07.2024	10W
Commencement of IV- I Class Work	15.07.2024		

Director
Academic Planning
JNTUK, Kakinada.

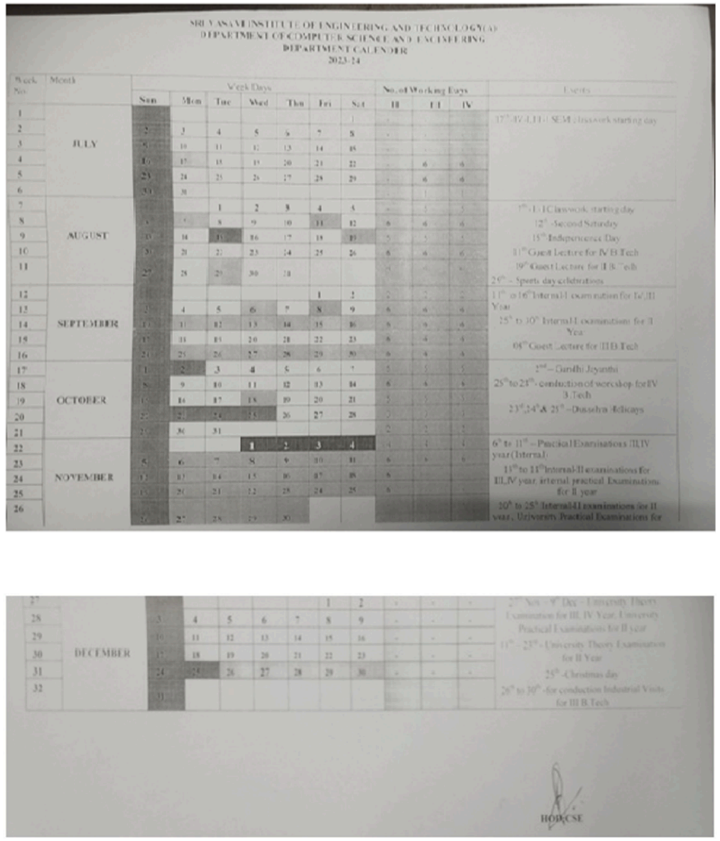
Copy to the Secretary to the Hon'ble Vice Chancellor, JNTUK
Copy to Rector, JNTUK
Copy to Registrar, JNTUK
Copy to Director Academic Audit, JNTUK
Copy to Director of Evaluation, JNTUK

Figure 2.2.1.1 University Academic Calendar for the academic year 2023-24

DEPARTMENT CALENDAR

Department Academic calendar of different technical events is prepared well in advance before the commencement of the Academic Year based on the events of university academic calendar. It consists of the activities planned for the semester which include commencement of classes, industrial visits, internal mid semester test dates, university exams, conduction of events like Guest Lectures, Workshops, Faculty Development Programs etc.

Sample Department Calendar



SRI VASAVI INSTITUTE OF ENGINEERING AND TECHNOLOGY(AP)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
DEPARTMENT CALENDER
2023-24

Week No	Month	Week Days						No.of Working Days			Events
		Sun	Mon	Tue	Wed	Thu	Fri	Sat	II	III	IV	
1	JULY							1				17th-IV-I T-I SEM : Classwork starting day
2		2	3	4	5	6	7	8	-			
3		9	10	11	12	13	14	15	-			
4		16	17	18	19	20	21	22	-	6	6	
5		23	24	25	26	27	28	29	-	6	6	
6		30	31									
7	AUGUST			1	2	3	4	5	-	-	-	7th - I-I C lasswork starting day
8		6	7	8	9	10	11	12	6	6	6	12th -Second Saturday
9		13	14	15	16	17	18	19	5	-	-	15th Independence Day
10		20	21	22	23	24	25	26	6	6	6	11th Guest Lecture for IV B.Tech
11		27	28	29	30	31			-	-	-	19th Guest Lecture for II B. Tech 26th – Sports day celebrations
12	SEPTEMBER						1	2	-	-	-	11th to 16th Internal-I Examination for IV,III Year
13		3	4	5	6	7	8	9	6	6	6	25th to 30th Internal-I examinations for II Year
14		10	11	12	13	14	15	16	5	5	6	
15		17	18	19	20	21	22	23	6	6	6	05th Guest Lecture for III B.Tech
16		24	25	26	27	28	29	30	6	6	6	
17	OCTOBER	1	2	3	4	5	6	7	5	5	5	2nd – Gandhi Jayanthi
18		8	9	10	11	12	13	14	6	6	6	25th to 28th- conduction of worcshop for IV B.Tech
19		15	16	17	18	19	20	21	5	-	-	23rd,24th & 25th – Dussehra-Holidays
20		22	23	24	25	26	27	28	6	6	6	
21		29	30	31					2	-	-	
22	NOVEMBER				1	2	3	4	-	1	1	6th to 11th – Practical Examinations III,IV year(Internal)
23		5	6	7	8	9	10	11	6	6	6	13th to 17th Internal-II examinations for III,,IV year, internal practical Examinations for II year
24		12	13	14	15	16	17	18	6	-	-	
25		19	20	21	22	23	24	25	6	-	-	20th to 25th Internal-II examinations for II year, University Practical Examinations for
26		26	27	28	29	30			-	-	-	
27	DECEMBER						1	2	-	-	-	2nd Sat – 9th Dec – University Theory Examination for III, IV Year, University Practical Examinations for II year
28		3	4	5	6	7	8	9	-	-	-	
29		10	11	12	13	14	15	16	-	-	-	11th – 23rd – University Theory Examination for II Year
30		17	18	19	20	21	22	23	-	-	-	
31		24	25	26	27	28	29	30	-	-	-	25th -Christmas day
32		31										26th to 30th -for conduction Industrial Visits for III B.Tech

HOD/CSE

Figure 2.2.1.2 Academic Process Calendar for the academic year 2023-24

The Program Educational Objectives (PEO's) are established to guide the Programme and prepare the graduates to achieve career and professional accomplishments. The PEO's are further transformed into specific student performance and behaviors that demonstrate student learning and skill development as Program Outcomes (PO's). Program Outcomes (PO's) are clearly and unambiguously defined. As our college is affiliated to JNTU, Kakinada, we follow the curriculum prescribed by JNTUK, Kakinada.

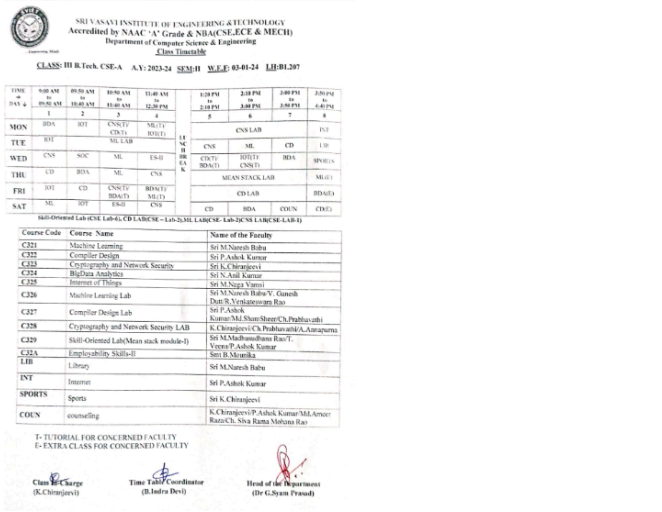
All courses have their own course outcomes. Each course outcome is mapped to relevant PO's and PSO's. Achieving course outcomes is the direct way of accomplishing program outcomes. In this context, the teaching-learning process and assessment methods are implemented in such a way to achieve the CO's. Teaching-Learning process is crucial part of outcome-based education and implements/employs as the set of activities engaging with students to enable them to acquire the knowledge, skills and attitudes. Student-centered and practical oriented lectures, tutorials, collaborative learning, independent learning, peer teaching approaches with integration of appropriate teaching aids, and teaching materials are the educational strategies selected to support the learning outcomes.

Time table coordinator prepares time tables well in advance. HoD conducts meetings before commencement of the semester for course allotment. Heal so requests Principal for allotting faculty to inter disciplinary courses.

Department calendar of events is prepared well in advance before the commencement of the academic year by conducting faculty meetings. The suggestions made by Department Advisory Committee (DAC) are taken into consideration.

The faculty members of department adopt various teaching methods. Faculty members handling laboratory courses will prepare list of experiments to be conducted and laboratory manuals well in advance. Laboratory schedule and student batch division are prepared with reference to finalized timetable. The batch strength is limited to three.Course allotment is done well in advance for the staff members; therefore, they prepare lesson plans, lecture notes, tutorials, assignments and course files well in advance.

SAMPLE TIMETABLE



SRI VASAVI INSTITUTE OF ENGINEERING &TECHNOLOGY
Accredited by NAAC 'A' Grade & NBA(CSE,ECE & MECH)
Department of Computer Science & Engineering
Class Timetable

CLASS: III B.Tech. CSE-A A.Y: 2023-24 SEM:II W.E.F: 03-01-24 LH:B1.207

TIME → DAY ↓	9:00 AM to 09:50 AM	09:50 AM to 10:40 AM	10:50 AM to 11:40 AM	11:40 AM to 12:30 PM	1:20 PM to 2:10 PM	2:10 PM to 3:00 PM	3:00 PM to 3:50 PM	3:50 PM to 4:40 PM
	1	2	3	4	5	6	7	8
MON	BDA	IOT	CNS(T)/ CD(T)	ML(T)/ IOT(T)	CNS LAB			INT
TUE	IOT	ML LAB			CNS	ML	CD	LIB
WED	CNS	SOC	ML	ES-II	CD(T)/ BDA(T)	IOT(T)/ CNS(T)	BDA	SPORTS
THU	CD	BDA	ML	CNS	MEAN STACK LAB			ML(E)
FRI	IOT	CD	CNS(T)/ BDA(T)	BDA(T)/ ML(T)	CD LAB			BDA(E)
SAT	ML	IOT	ES-II	CNS	CD	BDA	COUN	CD(E)

LUNCH BREAK

Skill-Oriented Lab (CSE Lab-6), CD LAB(CSE – Lab-2),ML LAB(CSE- Lab-2)CSS LAB(CSE-LAB-1)

Course Code	Course Name	Name of the Faculty
C321	Machine Learning	Sri M.Naresh Babu
C322	Compiler Design	Sri P.Ashok Kumar
C323	Cryptography and Network Security	Sri.K.Chiranjeevi
C324	BigData Analytics	Sri N.Anil Kumar
C325	Internet of Things	Sri M.Naga Vamsi
C326	Machine Learning Lab	Sri M.Naresh Babu/V. Ganesh Dan/R.Venkateswara Rao
C327	Compiler Design Lab	Sri P.Ashok Kumar/ML.Shan/Sheer/Ch.Prabhavathi
C328	Cryptography and Network Security LAB	K.Chiranjeevi/Ch.Prabhavathi/A.Annapurna
C329	Skill-Oriented Lab(Mean stack module-I)	Sri M.Madhusudhana Rao/T. Veena/P.Ashok Kumar
C32A	Employability Skills-II	Smt.B.Mounika
LIB	Library	Sri M.Naresh Babu
INT	Internet	Sri P.Ashok Kumar
SPORTS	Sports	Sri K.Chiranjeevi
COUN	counselling	K.Chiranjeevi/P.Ashok Kumar/Md.Ameer Raza/Ch. Siva Rama Mohana Rao

T- TUTORIAL FOR CONCERNED FACULTY
E- EXTRA CLASS FOR CONCERNED FACULTY

Class In Charge (K.Chiranjeevi) Time Table Coordinator (B.Indra Devi) Head of the Department (Dr G.Syam Prasad)

Figure 2.2.1.3 Class Time Table for Semester – I of academic year 2023-24

For each course, a course file is prepared by the faculty members concerned. The course file consists of following items shown in the below table

SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY

Contents of the Course File

1. NPTEL Certificates if any
2. Result analysis Comparison
3. Result analysis past year (SEM)
4. PO attainment
5. Course assessment
6. Result analysis present year (SEM)
7. Current semester end question paper analysis (CO-TL)
8. Current semester end question paper (Original)
9. University exam circular and time table
10. Assignment analysis (CO-TL)
11. Feedback Phase 2
12. Weak Learners marks tracking
13. Marks MID 2 (Descriptive + Quiz + Assignment = Total)
14. MID 2 Question paper Solutions
15. MID 2 Scheme of evaluation
16. MID 2 Question paper analysis (CO-TL)
17. MID 2 Question paper
18. MID 2 Circular (Theory + online)
19. Guest lecture related proof (Material)
20. Guest lecture certificate
21. Guest lecture circular
22. Guest lecture invitation
23. Feedback Phase 1
24. Marks MID 1 (Descriptive + Quiz + Assignment= Total)
25. MID 1 Question paper Solutions
26. MID 1 Scheme of evaluation
27. MID 1 Question paper analysis (CO-TL)
28. MID 1 Question paper
29. MID 1 Circular (Theory + online)
30. Previous year question papers
31. Previous year question paper analysis (CO-TL)
32. Lecture Notes (Notes, Notes uploaded in LMS, CO uploaded in LMS)
33. Questions and solutions for tutorials
34. Topic beyond syllabus
35. List of advance learners
36. Tutorial lesson plan for advance learners
37. List of weak learners
38. Tutorial lesson plan for weak learners
39. Self learning resources
40. List of PPTs
41. Web references
42. Proofs related to lesson plan
43. Curriculum Gap
44. Lesson plan
45. CO-PO-PSO mapping and justification
46. Syllabus
47. Individual time table
48. Class time table
49. Department calendar
50. Academic calendar
51. PSOs and PEOs
52. POs
53. Department Vision & Mission
54. Institute Vision & Mission

Figure 2.2.1.4 Contents for Course File

Impact analysis

- A coherent framework was provided for smooth and efficient teaching so course contents are effectively delivered in stipulated time. By preplanning of academic calendar, students could plan their academics and utilize the resources properly.
- More number of students efficiently utilized the inter-college and inter-departmental events like Cultural events, Guest lectures, Workshops, Field visits, etc.
- Students effectively planned about industry interactions in vacation. So, the number of students participated in summer training increased

B. Use of various instructional methods and pedagogical initiatives (3)

Improving Instruction Methods Using Pedagogical Initiatives

The Head of the department conducts meeting with all the faculty members to discuss the various teaching learning methods before each semester. He discusses about how to initiate different teaching methods to create the best learning environment for students. Subject experts, domain coordinators give their suggestions and discuss different innovative techniques. Finally, after discussion faculty members adopt various innovative teaching & learning methodologies based on available facilities in campus and planned events. Well-structured lesson plans, lecture notes, tutorial questions with key are prepared and revised for all theory and practical courses on a period-to-period basis and are scrutinized by HoD. The following facilities and Teaching aids are available in the campus for delivering lectures: In every class room, Projector with Wi-Fi facility are used for teaching purpose.

1. Internet facility and different reference books are available to students and faculty in the library.
2. Faculty members are taking advantage of sources like National Programme on Technology Enhanced Learning (NPTEL), Internet sources for effective teaching. Chalk and Talk, LCDs, etc. are used for teaching purposes. Various journals are available in the campus and they are utilized for research & project-based learning.

Improving Instruction Methods Using Pedagogical Initiatives

The Head of the department conducts meeting with all the faculty members to discuss the various teaching learning methods before each semester. He discusses about how to initiate different teaching methods to create the best learning environment for students. Subject experts, domain coordinators give their suggestions and discuss different innovative techniques. Finally, after discussion faculty members adopt various innovative teaching &learning methodologies based on available facilities in campus and planned events. Well-structured Lesson plans, Lecture notes, Tutorial questions with key are prepared and revised for all theory and practical courses on a period-to-period basis and are scrutinized by HoD

In every classroom, Chalk Board, LCDs, etc. are used for teaching purposes. Faculty members are taking advantage of sources like National Program on Technology Enhanced Learning (NPTEL), Internet sources for effective teaching. Internet facility and different reference books are available to students and faculty in the library. In every class room LCD projector with WIFI facility are used for teaching purpose. Various journals are available in the campus for delivering lectures: &project-based learning.

The following methods are some of the appropriate and efficient methodologies according to the characteristic of the learner.

Table 2.2.1.1: Summary of Teaching Methodologies/Aids for ACADEMIC YEAR: 2023-24 SEMESTER-I

SNo	Teaching Aid / Methodology	Number of Courses
1	Chalk &Talk	16
2	PPT	7
3	Co-Operative Learning	2
4	Inquiry based Instruction	1
5	Differentiation	3
6	Technology	1
7	Virtual Lab	1
8	NPTEL Videos	7
9	Seminars	8
10	Debate Session	1
11	Quiz	2
12	Self Learning	5
13	Google Classroom	3

Table 2.2.1.2: List of various instructional methods and pedagogical initiatives adopted

Average Text Books referred per Course	2.48
Average Reference Books referred per Course	2.45
Average Additional referred per Course	1
Average Web references used per Course	14.2

Subject	Teaching Aid / Methodology												
	1	2	3	4	5	6	7	8	9	10	11	12	13

M-III(C211)	y												
OOPC++ (C212)	y							y	y	y		y	
OS(C213)	y	y										y	y
SE(C214)	y			y									
MFCS(C215)	y	y						y	y				
CN(C311)	y	y					y	y	y				
DAA(C312)	y	y	y					y	y	y			
DWDM(C313)	y				y			y	y		y	y	y
RES(C314)	y												
SPM(C315)	y			y									
CC(C411)	y	y							y		y	y	
DL(C412)	y	y	y						y				
BCT(C413)	y					y		y	y			y	y
DC(C414)	y	y			y			y					
C E(C415)	y												
UHV(C416)	y												

Table 2.2.1.3: Summary of Teaching Methodologies/Aids for ACADEMIC YEAR: 2023-24 SEMESTER-II

SNo	Teaching Aid / Methodology	Number of Courses
1	Chalk &Talk	11
2	PPT	6
3	Co-Operative Learning	1
4	Inquiry based Instruction	1
5	Differentiation	3
6	Technology	1
7	Virtual Lab	1

8	NPTEL Videos	6
9	Seminars	4
10	Debate Session	1
11	Quiz	1
12	Self Learning	5
13	Google Classroom	3

Table 2.2.1.4: List of various instructional methods and pedagogical initiatives adopted

Average Text Books referred per Course	2.40
Average Reference Books referred per Course	2.41
Average Additional referred per Course	1
Average Web references used per Course	15.2

Subject	Teaching Aid / Methodology												
	1	2	3	4	5	6	7	8	9	10	11	12	13
P&S(C221)	y												
DBMS(C222)	y	y			y			y			y	y	
FLAT(C223)	y	y						y	y				
JP(C224)	y	y	y				y	y	y			y	y
MEFA(C225)	y												
ML(C321)	y	y						y					y
CD(C322)	y				y	y		y	y			y	
CNS(C323)	y	y			y				y			y	y
BDA(C324)	y	y						y				y	
IoT(C325)	y			y						y			
ES-II(C326)	y												

Sample Lesson Plan:

SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Name of the Course: BLOCK-CHAIN TECHNOLOGIES
Name of the Faculty: P ASHOK KUMAR
Course Code:C413

Academic Year: 2023– 2024
Year & Semester: IV Year I Sem
Branch & section: CSE-A

Unit No	Session No	Topics to be covered	Date	Text Book	Teaching Method
		UNIT-I			
I	1.1	Introduction, basic ideas behind block chain	19-07-2023	T1,R1	Chalk& Talk
I	1.2	how it is changing the landscape of digitalization,	20-07-2023	T1,R1	Chalk& Talk
I	1.3	Introduction to cryptographic concepts required	22-07-2023	T1,R1	Chalk& Talk
I	1.4	Block chain or distributed trust, Currency, Cryptocurrency	25-07-2023 26-07-2023	T1,W1	NPTEL Video
I	1.5	How a Cryptocurrency works	27-07-2023	T1,R1	Chalk& Talk
I	1.6	Financial services	01-08-2023	T1,R1	Chalk& Talk
I	1.7	Bitcoin prediction markets	02-08-2023 03-08-2023	T1,R1	Self-Learning
		UNIT-II			
II	2.1	Hashing, public key cryptosystems	05-08-2023 08-08-2023	T1	Chalk& Talk
II	2.2	private vs public block chain and use cases	09-08-2023 10-08-2023	T1,R1	Chalk& Talk
II	2.3	Hash Puzzles, Extensibility of Block chain concepts	16-08-2023 17-08-2023	T1,R1	Seminar
II	2.4	Digital Identity verification, Block chain Neutrality	19-08-2023 22-08-2023	T1,R1	Chalk& Talk
II	2.5	Digital art, Block chain Environment	23-08-2023 24-08-2023	T1,R1	Self-Learning
		UNIT-III			
III	3.1	Bitcoin Block chain and scripts	26-08-2023	T1,R1	Chalk& Talk
III	3.2	Use cases of Bitcoin Blockchain scripting language in micropayment, escrow	29-08-2023 30-08-2023	T1,R1	Chalk& Talk
III	3.3	Downside of Bit coin mining	31-08-2023	T1	Chalk& Talk
III	3.4	Block chain Science Gridcoin	02-09-2023 05-09-2023	T1,W2	NPTEL Video
III	3.5	Folding coin, Bitsekchain Genamics	06-09-2023	T1,R1	Chalk& Talk
III	3.6	Bit coin NOOBs	20-09-2023 21-09-2023	T1,R1	Chalk& Talk
		UNIT-IV			
IV	4.1	Ethereum continued IOTA	23-09-2023	T1,R1	Chalk& Talk
IV	4.2	The real need for mining, consensus	26-09-2023	T1,R1	Chalk& Talk
IV	4.3	Byzantine Generals Problem, and Consensus as a distributed coordination proble m	27-09-2023 30-09-2023	T1,R1	Chalk& Talk
IV	4.4	Coming to private o permissioned bloct chains	03-10-2023	T1,R1	Chalk& Talk
IV	4.5	Introduction to Hyper ledger, Currency: Token	04-10-2023	T1,R1	Self-Learning
IV	4.6	Dashcoin coin, Dash Improta dminegy fo Public adoption	05-10-2023 07-10-2023	T1,R1	Chalk& Talk
IV	4.7	Currency Multiplicity, Demurrage currency	10-10-2023 11-10-2023		
		UNIT-V			
V	5.1	Technical challenges	12-10-2023	T1,R1	Chalk& Talk
V	5.2	Business model challenges	17-10-2023	T1,R1	Chalk& Talk
V	5.3	Scandals and Public perception, Government Regulations	18-10-2023 19-10-2023	T1,R1	Chalk& Talk
V	5.4	Uses of Block chain in E-Governance	21-10-2023 25-10-2023	T1,R1	Chalk& Talk
V	5.5	Land Registration	26-10-2023	T1,R1	Chalk& Talk
V	5.6	Medical information system.	28-10-2023 31-10-2023 01-11-2023	T1,R1	Chalk& Talk
	Topic Beyond Syllabus	Crypto currency Security Measures	02-11-2023	T1,R1	Tahs one hour Built
	Topic Beyond Syllabus	Current trends in blockchain development	04-11-2023	T1,R1	Chalk & Talk
	Revision	Revision of all units	07-11-2023 08-11-2023 09-11-2023		

Figure 2.2.1.5 Lesson plan of IV-I

C. Methodologies to support weak students and encourage bright students (4)

Methodologies to support weak students and encourage bright students Under the HoD‘s directions, class in-charges, counselors, and course faculty members identify those students who fall under the weak students’ category as per the above guidelines. Course faculty members conduct remedial classes for weak students. At that time, they solve previous university examination question papers. Each course faculty member identifies the performance of weak students after the completion of internal examinations and also takes corrective actions like conducting revision classes and slip tests for weak students.

The process of identifying and encouraging weak and bright students is shown below:

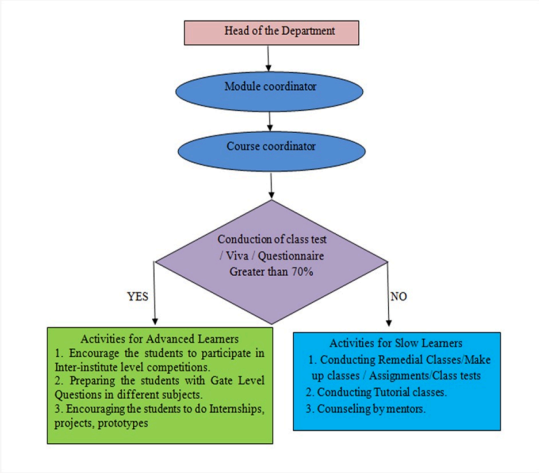
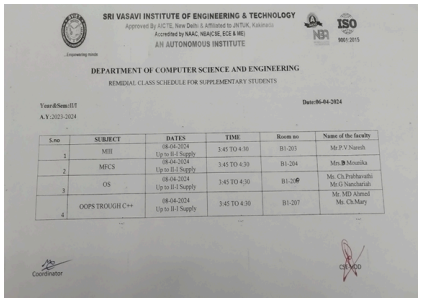


Figure 2.2.1.6 Process to identify the weak and bright students and action taken

Sample Remedial Class Time-Table



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
REMEDIAL CLASS SCHEDULE FOR SUPPLEMENTARY STUDENTS

Year&Sem:IIIT Date:06-04-2024
A.Y:2023-2024

S.no	SUBJECT	DATES	TIME	Room no	Name of the faculty
1	MIII	08-04-2024 Up to II-I Supply	3:45 TO 4:30	B1-203	Mr.P.V.Naresh
2	MFCS	08-04-2024 Up to II-I Supply	3:45 TO 4:30	B1-204	Mrs.B.Mounika
3	OS	08-04-2024 Up to II-I Supply	3:45 TO 4:30	B1-206	Ms. Ch.Prabhavathi Mr.O.Nanchariah
4	OOPS TROUGH C++	08-04-2024 Up to II-I Supply	3:45 TO 4:30	B1-207	Mr. MD.Ahmed Ms. Ch.Mary

Coordinator CSE HOD

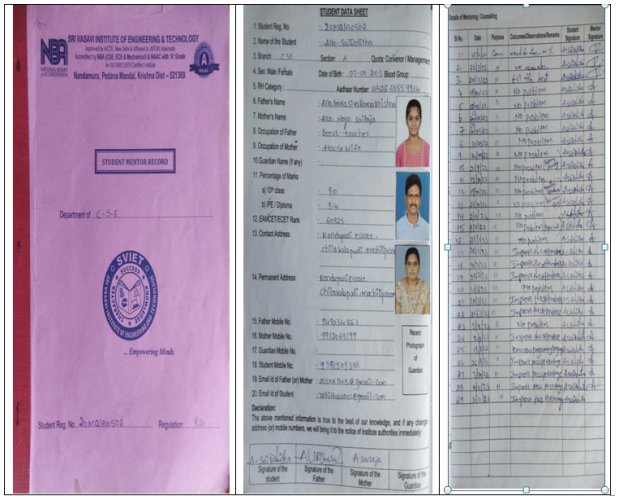
S.NO	REG.NO	MID-I	MID-II	MARKS IMPROVED
1	21MQ5A0512	12	13	1
2	20MQ1A0587	10	12	2
3	21MQ5A0521	9	14	5
4	20MQ1A0538	9	14	5
5	20MQ1A0549	7	13	6
6	20MQ1A0550	6	13	7
7	20MQ1A0562	13	15	2
8	20MQ1A0585	11	8	-3
9	20MQ1A0590	11	13	2
10	20MQ1A0593	14	13	-1
11	21MQ5A0519	9	12	3
12	21MQ5A0520	8	13	5
13	21MQ5A0508	7	14	7
14	20MQ1A0553	12	15	3
15	20MQ1A0592	11	15	4

Table 2.2.1.3 Monitoring Attendance Improvement for slow learners

S.NO	REG.NO	%up to MID-I	%up to MID-II	% of Attendance IMPROVED
1	21MQ5A0512	68.96	80.31	11.35
2	20MQ1A0587	65.51	78.91	13.4
3	21MQ5A0521	57.58	75.2	17.62
4	20MQ1A0538	55.17	75.21	20.04
5	20MQ1A0549	69.31	81.15	11.84
6	20MQ1A0550	58.62	75.28	16.66
7	20MQ1A0562	68.31	79.06	10.75
8	20MQ1A0585	65.51	78.19	12.68
9	20MQ1A0590	58.62	77.48	18.86
10	20MQ1A0593	68.96	77.48	8.52
11	21MQ5A0519	63.86	75.34	11.48
12	21MQ5A0520	68.96	75.12	6.16
13	21MQ5A0508	68.31	80	11.69
14	20MQ1A0553	69.31	87.42	18.11

15	20MQ1A0592	58.62	77.64	19.02

Sample Student Mentoring copy



Impact analysis

Positive outcomes were observed after adopting the innovative Teaching & Learning Methods.
They are:

1. Improved faculty feedback in various courses
2. Improved attendance of students from starting of the semester to within a week time.
3. Active participation of students in outcome-based education activities.
4. Better relation between students and faculty towards research.

Identifying and Assisting Slow Learners:

1. In this scenario, the weak students are identified with the help of previous semester end examination results. Those students are taken care by conducting remedial classes in the current semester to improve their performance
2. Attempts are made by the teachers to give personal attention to these students Specially developed Handouts, question banks and assignments are given
3. These slow learners are made to mingle with bright students to work in a team for collaborative learning to gain knowledge and get aware of the concern subjects
4. Mentors are allotted for a group of students for continuous monitoring of their performance
5. A special counseling and tutorial classes are conducted by the faculty for those students who failed in any courses

1	Students who fail in semester exams	1. Student counselor follows their progress regularly advising students about attending classes, making up classes missed and getting additional help. 2. Intimating parents to counsel their wards 3. Conduction of remedial classes
2	Students scoring less than 60% of marks in Internal Assessment	4. Conduction of remedial classes 5. Solving previous question papers during tutorial classes.
3	Diploma students who entered with less basics of mathematics	

D. Quality of classroom teaching.(3)

The classes were conducted as per the prescribed timetable with the help of various instructional methods and pedagogical initiatives.

1. Proto type/ Components are used to demonstrate the technical concepts.

2. Guest Lectures by industrial & academic experts are conducted to get aware of the latest technology
3. Lectures are delivered by using PowerPoint presentations for effective delivery.
4. Students are encouraged to present seminars in the classrooms and students are encouraged to participate in various technical events conducted by other institutes. Class in-charge takes the absentees report of their respective class.
5. He/ She maintains class time table, lesson plans, tutorial questions, assignment questions
6. Class in-charge is allocated to every section. Coverage of the syllabus content is observed at every fifteen days by HOD and also review is conducted by Principal twice in a month
7. Meanwhile Dean Academics and Principal will regularly check the class room activity and give suggestions whenever required. Class in charge and HOD monitor the classes regularly
8. The parent's correspondence reports along with the comments of parents are submitted to the HoD and Dean academics once in a week.
9. Parent communication letters are posted to parents of those students who are having less than 65% attendance once in a month. Every 15 days the attendance is circulated and signatures are taken from students
10. Communicate parents of students who are absent to the classes regularly through telephonic conversations.

Sample Images:

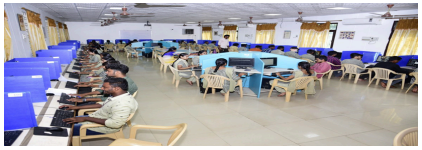
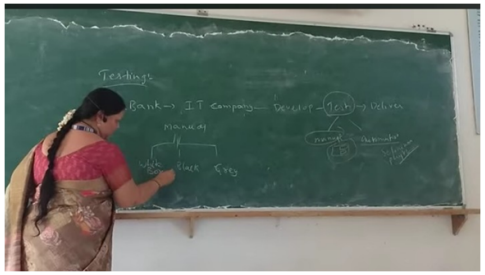
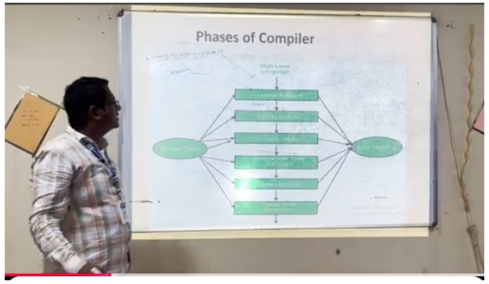


Figure 2.2.1.8 Faculty Demonstrating CNS Lab





E. Conduct of Experiments Continuous Assessment in laboratory (3):

Conduct of Experiments:

1. All the laboratories in the department are maintained neatly, with equipment in good working condition. Also, proper care is taken regarding safety and protection in the laboratory.
2. Students should report to the respective lab as per the schedule.

3. The batch-wise division made in the beginning should be adhered to, and no mix-up of students among different groups will be permitted later. Students are required to prepare thoroughly to perform the experiment before coming to the laboratory.
4. Each batch will get the equipment by submitting the indent to the lab assistant and conducting the experiment.
5. After connections are completed, students need to get them verified by the staff in charge, and then only the supply has to be turned on. Students have to conduct the experiment by following the procedure mentioned in the observation and recording the readings.
6. When the experiment is completed, students should disconnect the setup they made and return all the components and instruments taken for the purpose. Any damage to the equipment or burn-out of components due to the negligence of the student will result in a penalty being awarded.
7. After completion of the experiment, the student should get the observation book corrected by the staff in charge of that lab.
8. The record of observations along with the detailed experimental procedure of the experiment performed in the immediate last session should be submitted.
9. The curriculum stipulates 2 or 3 laboratory courses per semester from 1st to 7th.
10. Students carry out more than the required number of experiments, beyond the minimum specified by the university. All laboratories have excellent facilities with the required
11. For the experiments, detailed instruction manuals are provided.
12. The observations are checked and verified by faculty, and record books are maintained. Course faculty members and one instructor or technical staff member are assigned for each practical class.
13. Additional lab facilities are available beyond working hours.
14. We provide 2 or 3 additional experiments for some laboratory. Those who are interested can utilise the facilities during additional lab facility time.SAMPLE INDEX SHEET OF RECORD
SAMPLE INDEX SHEET OF RECORD

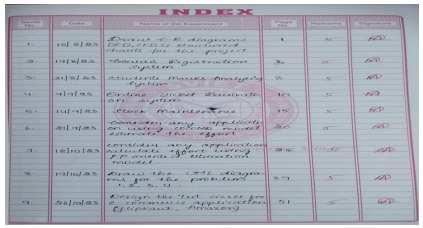

INDEX

Table 2.2.1.3 ENGINEERING SUBJECTS-LAB PRACTICES

S.NO	COURSE WITH YEAR AND SEMISTER	LAB NAME WITH YEAR AND SEMISTER
1	Object Oriented Programming through C++ (II-I)	Object Oriented Programming through C++ Lab(II-I)
2	Operating Systems (II-I)	Operating Systems Lab(II-I)
3	Software Engineering(II-I)	Software Engineering Lab Lab(II-I)
4		Applications of Python-NumPy (Skill-Oriented (II-I)
5	Computer Networks(III-I)	Computer Networks Lab(III-I)
6	Data warehousing and Data Mining(III-I)	Data warehousing and Data Mining Lab(III-I)
7		Skill-Oriented Lab(III-I)
8		MEAN Stack Technologies-Module IIAngular J MongoDB(SOC)(IV-I)
9	Database Management Systems (II-II)	Database Management Systems Lab(II-II)
10	Java Programming (II-II)	Java Programming Lab(II-II)
11		R Programming Lab (II-II)
12		AIML LAB-Artificial Intelligence and Machine Learning Lab(III-II)
13	Compiler Design(III-II)	Compiler Design Lab(III-II)
14	Machine Learning(III-II)	Machine Learning Lab(III-II)
15	Cryptography and Network Security L(III-II)	Cryptography and Network Security LAB(III-II)

Lab manuals and cycle of experiments are prepared before the beginning of the semester. Minimum of 2 faculties are allotted for each lab so that they can explain the experiments to the students. Students have to maintain an observation book in which students have to write the details of the experiment and also record the experimental values. Observations are corrected on the same day and once it is corrected, they have to write the fair record and which will be corrected in the next lab.

Continuous evaluation is followed in labs. The faculty will record the observation marks and attendance of the students on day to day basis. A practical test is conducted along with viva at the end of the semester. The internal marks will be awarded considering the marks obtained by students in continuous evaluation, fair record and test.

F. Continuous Assessment in laboratory (3):

1. A continuous assessment system is also implemented for the assessment of laboratory work.
2. The assessment is done on the basis of the submission of laboratory records, understanding of the experiment through participation in performing the experiment, and viva voce.
3. In every lab session, faculty update student record marks in the teacher ‘s attendance register. For practical subjects, there will be continuous evaluation during the semester for 30 internal marks and 50 end examination marks as per JNTUK R16 Regulations. For practical subjects, there will be continuous evaluation during the semester for 20 internal marks and 30 end examination marks as per JNTUK R19 Regulations. For practical subjects, there will be continuous evaluation during the semester for 15 internal marks and 35 end examination marks as per JNTUK R20 Regulations.

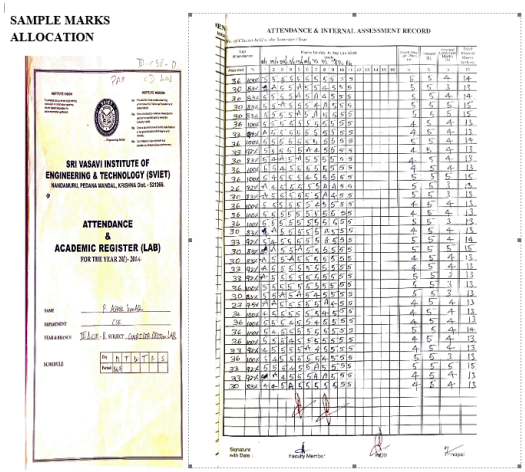


Figure 2.2.1.12 Continuous Evaluation in laboratory

Impact analysis:

1. New view points and new project ideas are derived in the lab.
2. Improvement in the analytical abilities of students thus improves placement.
3. The stimulating environment created in laboratories is based on additional lab facilities, additional experiments, and mini-projects. It made students learn other technical aspects aside from the curriculum.

Good results in the laboratory examination.

G.Student feedback of teaching learning process and actions taken(6):

Student feedback of teaching learning process and actions taken:

The teaching & learning system followed by any educational institution needs continuous refinement. To capacitate the process of continuous refinement, the institution has adopted a feedback system that takes suggestions from students of each program.

This eventually helps to fine tune the teaching &collecting feedback for all the courses that are being taught twice in a semester, through the ECAP (Engineering College Automation Package) learning process and the curriculum. The Institution follows a well-defined and formal feedback system. Feedback system has been identified as one of the important processes in our Quality Management System. Feedback collection process: software.

The consolidated report containing grades for each faculty is sent to the respective Head of the Department and the information is circulated to the faculty of the department for necessary action.

Once the feedback collection process is completed, the reports are generated automatically.

- **Process Steps for Student's Feedback**

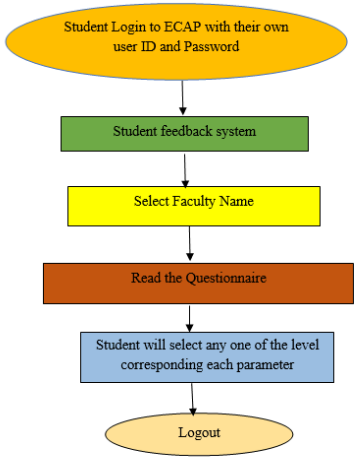


Figure 2.2.1.13 Process of feedback

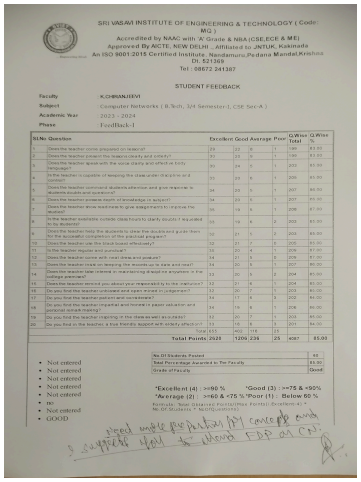
1. Feedback is taken through online from each student.

2. Based on following questions, feedback percentages are taken for each subject from each student

Figure 2.2.1.14 Sample e-cap Feedback form

Actions Taken Procedure:

1. The increments and promotions are given based on student feedback in faculty appraisal form.
2. Those with low scores will be counseled and asked to improve their performance in the subsequent semesters by taking help from senior and experienced teachers or attending pedagogical training or other faculty development programs as per the necessity.
3. The faculty members are constantly motivated by giving a word of appreciation in the departmental meetings.
4. Normally the feedback of the students is used to improve the performance of the faculty members.
5. They are advised to improve upon specific areas like black board management, class control, effective teaching, usage of teaching aids, etc.
6. Apart from this, the faculty members are encouraged to attend various faculty development programs (FDPs) / seminars / workshops to improve their skills.
7. If needed explanation from the faculty will be demanded for any inappropriate result and subsequent action will be taken for improvement of the performance of the faculty member.
8. Counseling will be given to the faculty concerned by HOD and Principal whenever required.



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Tel : 08672 241387

STUDENT FEEDBACK

Faculty: K.CHRANJEEVI
Subject: Computer Networks (B.Tech, 3/4 Semester-I, CSE Sec-A)
Academic Year: 2023 - 2024
Phase: FeedBack-1

S.No	Question	Excellent	Good	Average	Poor	Q.Wise Total	Q.Wise %
1	Does the teacher come prepared on lessons?	33	23	3	1	208	83.00
2	Does the teacher present the lessons clearly and orderly?	31	23	3	1	206	83.00
3	Does the teacher speak with the voice clarity and effective body language?	30	24	3	1	203	83.00
4	Is the teacher is capable of keeping the class under discipline and control?	31	23	4	1	205	83.00
5	Does the teacher command students attention and give response to students doubts and questions?	34	23	3	1	207	83.00
6	Does the teacher possess depth of knowledge in subject?	34	23	3	1	207	83.00
7	Does the teacher show readiness to give assignments to improve the studies?	33	19	5	1	206	81.00
8	Is the teacher available outside class hours to clarify doubts if requested by the students?	33	19	4	2	205	81.00
9	Does the teacher help the students to clear the doubts and guide them for the successful completion of the practical projects?	32	21	3	2	205	83.00
10	Does the teacher use the black board effectively?	32	21	2	2	205	83.00
11	Is the teacher regular and punctual?	32	20	4	1	205	81.00
12	Does the teacher come with neat dress and posture?	34	21	3	2	209	87.00
13	Does the teacher look on keeping the students up to date and neat?	34	20	3	1	207	85.00
14	Does the teacher take interest in maintaining discipline anywhere in the college premises?	33	20	3	2	204	85.00
15	Does the teacher remind you about your responsibility to the venture?	32	21	4	1	204	85.00
16	Do you find the teacher unbiased and open minded in judgement?	32	20	2	1	203	84.00
17	Do you find the teacher patient and considerate?	34	17	4	3	202	84.00
18	Do you find the teacher impartial and honest in grade allocation and personal domain making?	34	19	4	1	206	84.00
19	Do you find the teacher inspiring in the class as well as outside?	32	20	2	1	203	84.00
20	Do you find in the teacher, a true friendly support left elderly person?	33	16	4	3	201	84.00
	Total	653	402	118	25		
	Total Points: 2628	1209	236	25	4087	83.00	

No Of Students Posted	33
Total Percentage Awarded to The Faculty	83.00
Grade of Faculty	Good

- Not entered
- Not entered
- Not entered
- Not entered
- Not entered
- no
- Not entered
- GOOD

*Excellent (4) : >=90 % *Good (3) : >=75 & <90%
*Average (2) : >=60 & <75 % *Poor (1) : Below 60 %

Figure 2.2.1.15 Sample feedback form

Feedback Analysis Process:

1. The feedback collected from students is first analyzed at the level of HoD and then at the level of Principal.
2. The contents of the feedback will be shared with each faculty member personally based on the parameters in questionnaire and their metrics of measurement in the given format on a scale of 4. Based on the parameters, the feedback given on faculty by the students is taken from the students and the average is calculated Those with low scores will be counseled and asked to improve their performance in the subsequent semesters by taking help from senior and experienced teachers or attending pedagogical training or other faculty development programs as per the necessity.

Actions Taken based on Feedback for the Academic Year 2023-2024

The following teachers identified as best teachers on the student feedback and one teacher from eachclass was given an appreciation certificate.

Dr. Syam Prasad

SVC Gupta

Sk.Mohiddin

M.Prasanthi

B.IndraDevi

D.Aruna

K.Venkateswararao

The following teachers are nominated to attend Faculty Development Programs

Table 2.2.1.8 Summary of corrective measures in assessment period

Effectiveness	2023-24	2022-23	2021-22
Award/Reward	7	7	8
Corrective measures	2	2	2

Fig:Appreciation and Corrective measures

2.2.2 Quality of internal semester Question papers, Assignments and Evaluation (20) Institute Marks : 20.00

A. Process for internal semester question paper setting, evaluation and effective process implementation.(5)

Internal Assessment Test:

1. The institute conducts two mid exams after completing 8th week and 16th week respectively based on the academic calendar issued by JNTU, Kakinada.
2. Each test covers half of the syllabus and the tests are conducted for the marks based on the regulation.
3. The duration of the test is one and half-hour and question paper is set to make the student to learn time management.
4. Online quiz exam is conducted by JNTUK comprising of 20 objective questions each carrying half mark.
5. The department has a Scrutinizing Committee called DAC (Department Assessment Committee), comprising of HOD and two senior faculty members to check the quality of the question paper, BT levels and Cos compliance
6. The Internal Mid question papers-2 sets are prepared for half of the syllabus for 1st mid and second half of the syllabus for 2nd mid exams as per the blooms taxonomy levels and these sets are verified by the DAC (Department Assessment Committee).
7. According to level of toughness the questions are prepared (viz., analyzing the problems, implementation of modern tools, formulating the problems, etc.), which is termed as Bloom's Taxonomy.
8. For each question the teachers mention assigned marks, outcome number and Bloom's taxonomy level. While preparing the question bank all previous university exam papers are taken into consideration.
9. The Examination section collects 2 sets of question papers for all the courses and they finalize the question paper for internal examinations.
10. The faculty members after every internal assessment test explain the solution of the questions in the class which will enable them to perform well in the final examination.
11. The subject faculty members prepare the scheme of evaluation for the question paper and then evaluate the answer papers based on the scheme.
12. The marks are evaluated based on the regulations. Finally, the Marks scored by the student in every test are sent to their parents by post and displayed in the notice board.

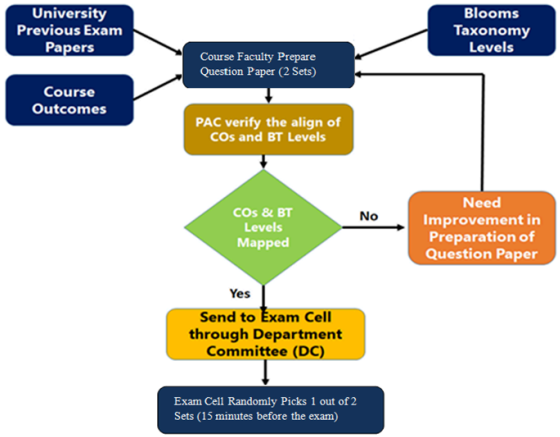


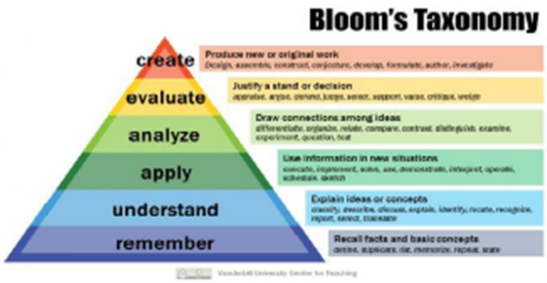
Figure 2.2.2.1: Process for preparation of mid examination question paper Internal Question paper process

Procedure for Conduction and Evaluation of Internal Assessment Test:

1. The timetable for the mid exams will be announced in the notice board 2-3 days prior to the commencement of the test.
2. The students write the test in their allotted seats in a test hall under the invigilation of a faculty member
3. The scheme of valuation for the question paper is prepared by the course coordinator ensuring appropriate distribution of marks for fair valuation
4. The faculties after all mid exams explain the solution of the questions in the class which will enable them to perform well in the final examination

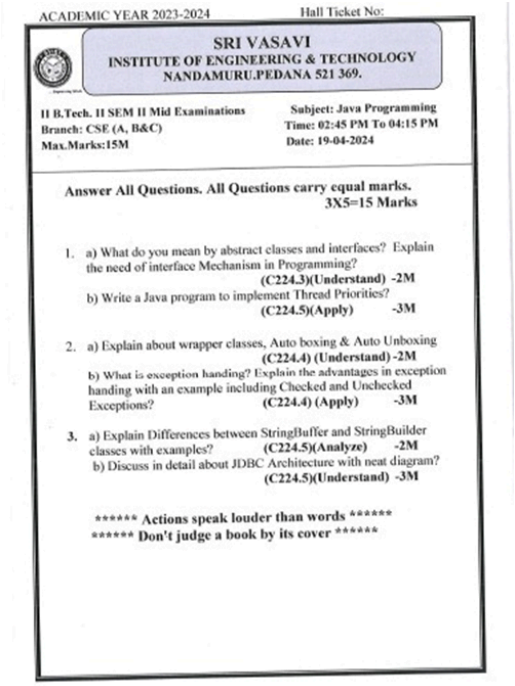
B. Process to Ensure Questions from an Outcomes/Learning Levels Perspective.(5)

1. Every course coordinator is responsible for analyzing the quality of question paper, mapping with COs and Bloom levels. The scheme and solution of internal question paper is maintained by course coordinator
2. The DAC will suggest the modifications in the question paper in case of any discrepancies and verifies it.
3. Examination Branch is responsible for ensuring the quality of question papers.. External Examination question papers are set by eminent persons from reputed educational institutions as per the supplied syllabus and the same is moderated/verified by course coordinator at examination branch on the day of examination.
4. Rubrics are prepared for project evaluation by the project coordinator .Attainment of COs and POs are calculated after the evaluation of answer sheets and the gaps are identified to address the curriculum gaps



C. Evidence of CO's coverage in class test / mid – term tests (5)

A question paper template is shown below:



ACADEMIC YEAR 2023-2024 Hall Ticket No:

SRI VASAVI
INSTITUTE OF ENGINEERING & TECHNOLOGY
NANDAMURU.PEDANA 521 369.

II B.Tech. II SEM II Mid Examinations
Branch: CSE (A, B&C)
Max.Marks:15M

Subject: Java Programming
Time: 02:45 PM To 04:15 PM
Date: 19-04-2024

Answer All Questions. All Questions carry equal marks. 3X5=15 Marks

1. a) What do you mean by abstract classes and interfaces? Explain the need of interface Mechanism in Programming? **(C224.3)(Understand) -2M**
   b) Write a Java program to implement Thread Priorities? **(C224.5)(Apply) -3M**
2. a) Explain about wrapper classes, Auto boxing & Auto Unboxing **(C224.4) (Understand) -2M**
   b) What is exception handing? Explain the advantages in exception handing with an example including Checked and Unchecked Exceptions? **(C224.4) (Apply) -3M**
3. a) Explain Differences between StringBuffer and StringBuilder classes with examples? **(C224.5)(Analyze) -2M**
   b) Discuss in detail about JDBC Architecture with neat diagram? **(C224.5)(Understand) -3M**

****** Actions speak louder than words ******
****** Don't judge a book by its cover ******

Name of the course: Java Programming

Academic year: 2023-2024

Name of the faculty: Mr. SVC. Gupta, Ch Mary, D.Aruna

Year & Semester: II Year II Sem

Course code: C 224

Branch & Section : CSE

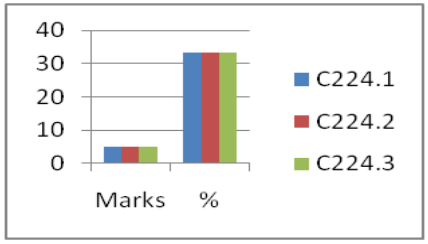
Mid-1

Q.no	Question	Marks	CO	TL	PI

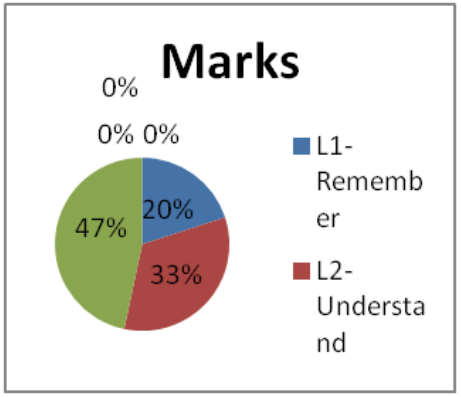
1.a	Write a java program to read Three numbers through the keyboard and find their sum and average	2	C224.1	Apply	2.1.3
1.b	What are java buzz words? Give brief description.	3	C224.1	Remember	1.4.1
2.a	What is constructor? Explain about constructor and different types of constructors with examples.	2	C224.2	Understand	1.4.1
2.b	Compare the pass by value with the pass by reference method with an example	3	C224.2	Understand	1.4.1
3.a	Develop a program to compute factorial of a given number using recursive method.	2	C224.3	Apply	2.1.3
3.b	Explain the concept of arrays? Write a program to multiply two matrices	3	C224.3	Apply	2.1.3

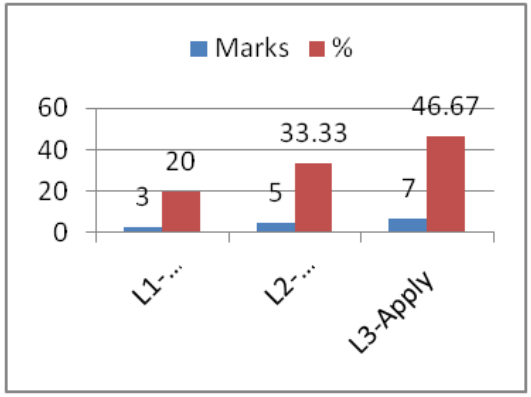
Sample Internal Question Paper Assessment:

CO	Marks	%
C224.1	5	33.33
C224.2	5	33.33
C224.3	5	33.33



TL	Marks	%
L1-Remember	3	20
L2-Understand	5	33.33
L3-Apply	7	46.67
L4-Analyze	0	0
L5-Evaluate	0	0
L6-Create	0	0





INTERNAL-2 QUESTION PAPER ASSESSMENT

Name of the course: Java Programming Academic year: 2023-2024

Name of the faculty: Mr. SVC. Gupta, Ch Mary, D.Aruna Year & Semester: II Year II Sem

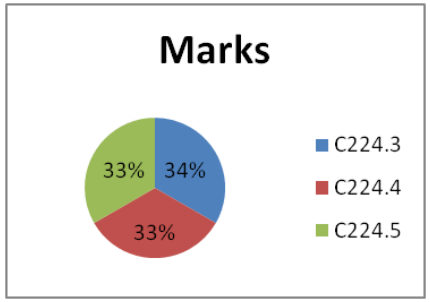
Course code: C 224 Branch & Section: CSE

Mid-2

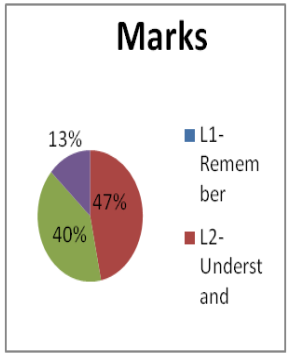
Q.no	Question	Marks	CO	TL	PI
1.a	What do you mean by abstract classes and interfaces? Explain the need of interface mechanism in programming?	2	C224.3	Understand	1.4.1
1.b	Write a java program to implement thread priorities?	3	C224.3	Apply	2.1.3
2.a	Explain about wrapper class, auto boxing & auto unboxing	2	C224.4	Understand	1.4.1
2.b	What is exception handling? Explain the advantages in exception handling with an example including checked and unchecked exceptions	3	C224.4	Apply	2.1.3
3.a	Explain the difference between string buffer and string builder classes with examples?	2	C224.5	Analyze	2.1.3
3.b	Discuss in detail about JDBC Architecture with neat diagram?	3	C224.5	Understand	2.1.3

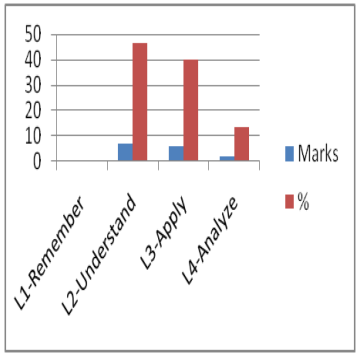
COURSE OUTCOME WISE MARKS DISTRIBUTION

CO	Marks	%
C224.3	**5**	**33.33**
C224.4	**5**	**33.33**
C224.5	**5**	**33.33**



TL	Marks	%
L1-Remember		
L2-Understand	7	46.67
L3-Apply	6	40
L4-Analyze	2	13.33
L5-Evaluate		0
L6-Create		0





UNIVERSITY QUESTION PAPER Assessment

Name of the course: Java programming | Academic Year: 2023-2024

Name of the faculty: Mr. SVC Gupta, Ch Mary, D. Aruna | Year & Semester: II Year II Sem

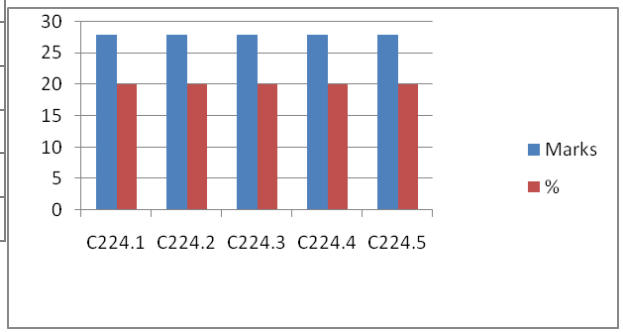
Course code: C224 | Branch & Section: CSE A & B

JULY-2023-2024 UNIVERSITY QUESTION PAPER ANALYSIS

Q.no	Question	Marks	CO	TL	PI
1.a	Write a java program to read three numbers through the keyboard and find their sum and average	7	C224.1	Understand	1.4.1
1.b	What is a variable? Explain their importance in java language. What rules to be followed to define them?	7	C224.1	Understand	1.4.1
2.a	With the help of example program explain the various arthimetic operators supported by the java language	7	C224.1	Understand	1.4.1
2.b	List the various control statements. Explain any one control statement with the help of flow chart and example program	7	C224.1	APPLY	2.1.3
3.a	In what way method overloading differs from overriding? Explain!	7	C224.2	Understand	1.4.1
3.b	Why we need the methods to solve problems? Explain recursive methods.	7	C224.2	Understand	1.4.1
4.a	Why we are using final classes and methods. Explain?	7	C224.2	Remember	1.4.1
4.b	Give brief description about the various access control mechanisms used in java.	7	C224.2	Remember	1.4.1
5.a	Define an array. How can we initialize arrays?.Explain.	7	C224.3	Understanding	1.4.1

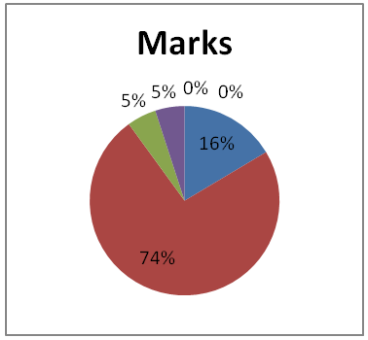
5.b	Write a java program to demonstrate the single inheritance	7	C224.3	Remembering	1.4.1
6.a	Write a program to multiple two matrices.	7	C224.3	Understand	1.4.1
6.b	Enumerate the concept of Super Keyword with a suitable example	7	C224.3	Remembering	1.4.1
7.a	Give brief description about the role of wrapper classes in java	7	C224.4	Understand	1.4.1
7.b	Write and explain the role of exception handling mechanism in java	7	C224.4	Understand	1.4.1
8.a	Elaborate on java.lang package and its classes.	7	C224.4	understand	1.4.1
8.b	Write a program to demonstrate the working of user defined exceptions.	7	C224.4	Analyze	2.1.3
9.a	Write a java program to find any string is palindrome or not without using built in functions	7	C224.5	Understand	1.4.1
9,b	In how many ways a thread can be created in java. Explain any one method.	7	C224.5	Understand	1.4.1
10.a	Write and explain the string buffer class.	7	C224.5	Remembering	1.4.1
10.b	Write a java program to implement thread priorities.	7	C224.5	Understanding	1.4.1

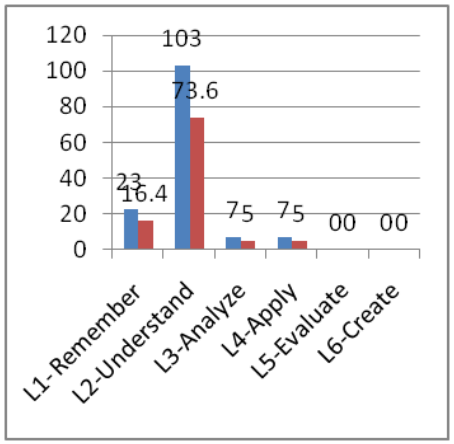
CO	Marks	%
C224.1	28	20
C224.2	28	20
C224.3	28	20
C224.4	28	20
C224.5	28	20



TL	Marks	%
L1-Remember	23	16.4
L2-Understand	103	73.6

L3-Analyze	7	5.0
L4-Apply	7	5.0
L5-Evaluate	0	0.0
L6-Create	0	0.0





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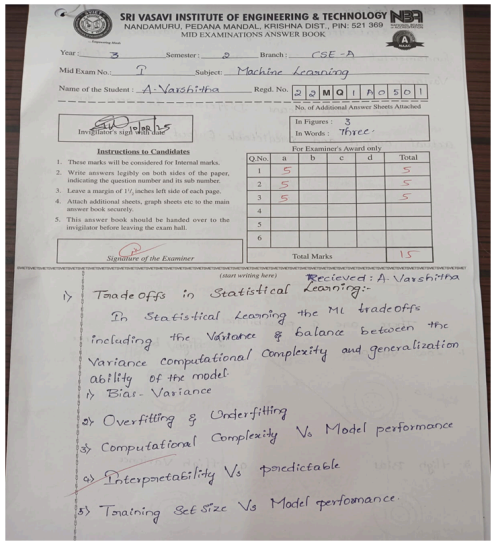

SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY
NANDAMURU, PEDANA MANDAL, KRISHNA DIST., PIN: 521 369
MID EXAMINATIONS ANSWER BOOK

Year: 3 Semester: 2 Branch: CSE-A
Mid Exam No.: I Subject: Machine Learning
Name of the Student: A. Varshitha Regd. No. 22MQ1A0501
No. of Additional Answer Sheets Attached
In Figures: 3
In Words: Three

Instructions to Candidates
1. These marks will be considered for Internal marks.
2. Write answers legibly on both sides of the paper, indicating the question number and its sub number.
3. Leave a margin of 1½ inches left side of each page.
4. Attach additional sheets, graph sheets etc to the main answer book securely.
5. This answer book should be handed over to the invigilator before leaving the exam hall.

Signature of the Examiner

For Examiner's Award only

Q.No.	a	b	c	d	Total
1	5				5
2	5				5
3	5				5
4					
5					
6					
Total Marks					15

(start writing here)

Recieved: A. Varshitha

1) Trade offs in Statistical Learning:-
In Statistical Learning the ML tradeoffs including the Variance & balance between the Variance computational complexity and generalization ability of the model
i) Bias - Variance
ii) Overfitting & Underfitting
iii) Computational Complexity Vs Model performance
iv) Interpretability Vs predictable
v) Training Set Size Vs Model performance.

D. Quality of Assignments and its elegance to COs (5)

Assignments:

The course coordinator announces assignment topic, submission dates and communicates in the class. Assignments are designed in such a way to promote self-learning from various sources Assignments are evaluated for 5marks and feedback is given to the students to improve their learning and appreciate their efforts

Initiatives for implementation of Quality Assessment:

1. Assignments promote practice. Assignments may include theory, design, analysis, and problems.

2. A minimum of two assignments are given for every course, and each assignment is evaluated for 5marks.
3. The assignments are being practiced for the continuous improvement of learning capabilities and for good writing skills. These assignment questions are prepared as per Blooms Taxonomy levels.

Sample Assignment Questions Analysis

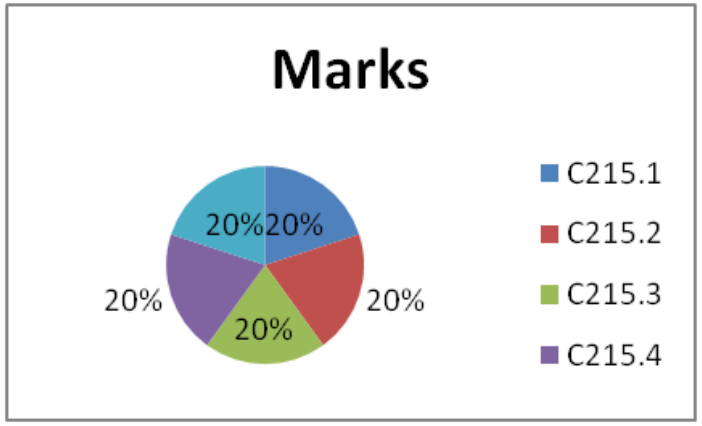
Name of the course: Java Programming Academic Year: 2023-2024

Name of the faculty: Mr. SVC. Gupta, Ch Mary, D.Aruna Year & Semester: II Year II Sem

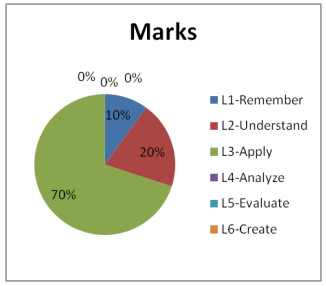
Course code: C224 Branch & Section: CSE

S.NO	QUESTION	MARKS	CO	TL	PI
Assignment-1	1.Explain control statements with example programs	5	C215.1	Apply	2.1.3
	2.List and explain tokens in java	5	C215.1	Understand	1.4.1
Assignment-2	1.What is a constructor explain with an example	5	C215.2	Apply	2.1.3
	2.Explain about pass by value and pass by reference	5	C215.2	Apply	2.1.3
Assignment-3	1.Explain method overloading	5	C215.3	Apply	2.1.3
	2.Explain dynamic method dispatch	5	C215.3	Apply	2.1.3
Assignment-4	1.List and explain any four packages in java	5	C215.4	Remember	1.4.1
	2.Discuss the importance of “throw” keyword with example	5	C215.4	Apply	2.1.3
Assignment-5	1.Explain the concept of multi-thread with an example	5	C215.5	Apply	2.1.3
	2.Illustrate JAVA layout manager	5	C215.5	Understand	1.4.1

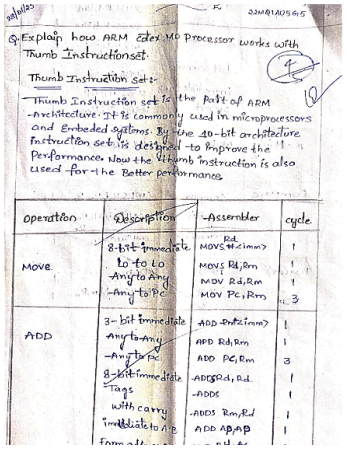
CO	Marks	%
C215.1	10	20.0
C215.2	10	20.0
C215.3	10	20.0
C215.4	10	20.0
C215.5	10	20.0



TL	Marks	%
L1-Remember	5	10.0
L2-Understand	10	20.0
L3-Apply	35	70.0



SAMPLE ASSIGNMENT COPY:



Q. Explain how ARM Cortex-M0 Processor works with Thumb Instruction set.

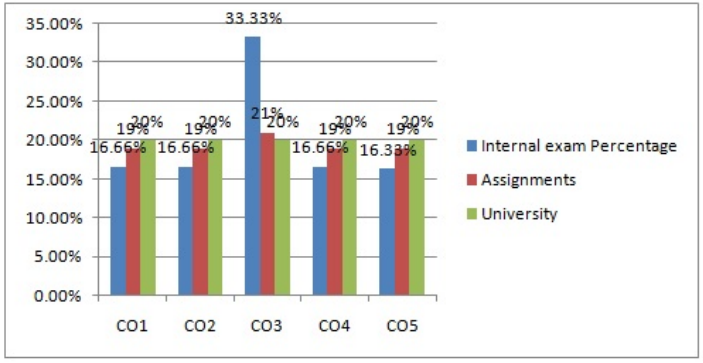
Thumb Instruction set:-

Thumb Instruction set is the part of ARM architecture. It is commonly used in microprocessors and Embedded systems. By the 16-bit architecture instruction set is designed to improve the Performance. Now the Thumb instruction is also used for the better performance.

Operation	Description	Assembler	cycle
Move	8-bit immediate to Lo	MOVS Rd,<imm>	1
	Any to Any	MOVS Rd,Rm	1
	Any to Any	MOV Rd,Rm	1
	Any to PC	MOV PC,Rm	3
ADD	3-bit immediate	ADD Rd,Rn,#imm3	1
	Any to Any	ADD Rd,Rm	1
	Any to PC	ADD PC,Rm	3
	8-bit immediate	ADDS Rd,Rd	1
	Tags	ADDS	1
	with carry	ADDS Rm,Rd	1
	Immediate to APB	ADD AB,AB	1

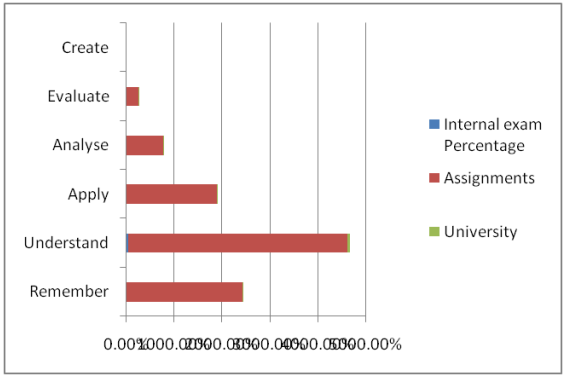
Average levels of evaluation for the COs (2023-24):Sem-I

COs	CO1	CO2	CO3	CO4	CO5
Internal exam Percentage	16.66%	16.66%	33.33%	16.66%	16.33%
Assignments	19%	19%	21%	19%	19%
University	20%	20%	20%	20%	20%



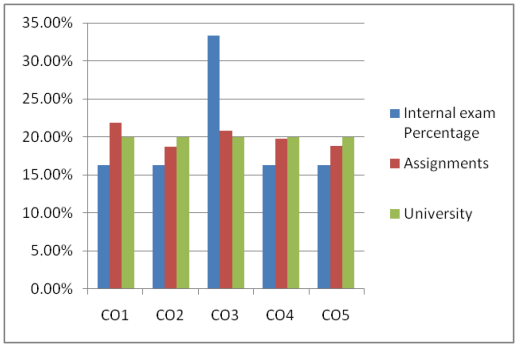
Average levels of Taxonomy evaluation:

COs	Remember	Understand	Apply	Analyse	Evaluate	Create
Internal exam Percentage	14.33%	47.65%	23.10%	11.77%	2.55%	0.55%
Assignments	24.19	45.78	18.79	7.72	2.71	0
University	21.98%	48.52%	22.49%	6.33%	0.66%	0%

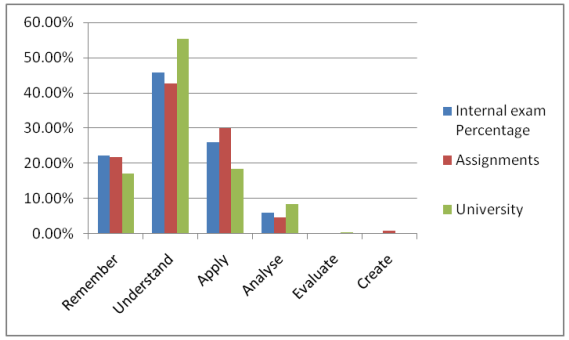


Average levels of evaluation for the COs (2023-24): Sem-II

COs	CO1	CO2	CO3	CO4	CO5
Internal exam Percentage	16.33%	16.33%	33.33%	16.33%	16.33%
Assignments	21.85%	18.71%	20.80%	19.76%	18.86%
University	20%	20%	20%	20%	20%

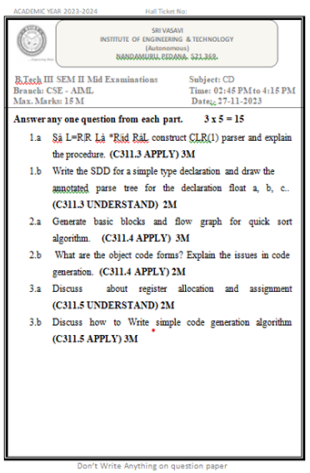


Cos	Remember	Understand	Apply	Analyse	Evaluate	Create
Internal exam Percentage	22.16%	45.82%	25.99%	6.01%	0%	0%
Assignments	21.75%	42.77%	29.99%	4.62%	0%	0.83%
University	17.2%	55.3%	18.5%	8.5%	0.5%	0%



Explanation for scheme of evaluation, grievances both internal and end exam.

- There will be two internal examinations for each semester which are evaluated by conducting two descriptive exams (Each 15 marks), two online examinations (Each 10 marks) and assignments (5 Marks).
- The scheme of evaluation will be prepared by concern faculty member with division of marks.
- The answer booklets will be given to the students after evaluation and if any grievance like counting problem happens then it will be rectified by the concern faculty at the same time.
- Any grievance in the end examination can be applied to the university in the form of Recounting and Re- Valuation.



SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY (Autonomous) NANDAMURU, PEDANA, 521 369.

B.Tech III SEM II Mid Examinations Subject: CD
Branch: CSE - AIML Time: 02:45 PM to 4:15 PM
Max. Marks: 15 M Date: 27-11-2023

Answer any one question from each part. 3 x 5 = 15

1.a Sä L=R\R Lä *Rid Rä construct CLR(1) parser and explain the procedure. **(C311.3 APPLY) 3M**

1.b Write the SDD for a simple type declaration and draw the annotated parse tree for the declaration float a, b, c.. **(C311.3 UNDERSTAND) 2M**

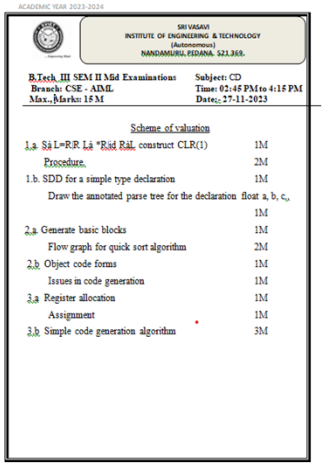
2.a Generate basic blocks and flow graph for quick sort algorithm. **(C311.4 APPLY) 3M**

2.b What are the object code forms? Explain the issues in code generation. **(C311.4 APPLY) 2M**

3.a Discuss about register allocation and assignment **(C311.5 UNDERSTAND) 2M**

3.b Discuss how to Write simple code generation algorithm **(C311.5 APPLY) 3M**

Don't Write Anything on question paper



SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY (Autonomous) NANDAMURU, PEDANA, 521 369.

B.Tech III SEM II Mid Examinations Subject: CD
Branch: CSE - AIML Time: 02:45 PM to 4:15 PM
Max. Marks: 15 M Date: 27-11-2023

Scheme of valuation

1.a Sä L=R\R Lä *Rid Rä construct CLR(1)	1M
Procedure.	2M
1.b. SDD for a simple type declaration	1M
Draw the annotated parse tree for the declaration float a, b, c,.	1M
2.a Generate basic blocks	1M
Flow graph for quick sort algorithm	2M
2.b Object code forms	1M
Issues in code generation	1M
3.a Register allocation	1M
Assignment	1M
3.b Simple code generation algorithm	3M

2.2.3 Quality of student projects (25)

Institute Marks : 25.00

Initiatives:

1. The student's projects are selected in line with the departments vision, mission, and program outcomes.
2. Students are provided knowledge about different domains and broad areas for selecting their projects.
3. The list of previous years projects is displayed on a notice board, which ensures no repetition of projects.
4. The faculty members encourage the students to do project work with the facilities available in the department. Further, students are advised to take up industry projects.
5. The faculty members encourage the students to present posters and exhibit their work.
6. Students are encouraged to publish and present their project work in various journals and conferences.
7. Students are allowed to form groups that consist of a minimum of 3 or a maximum of 4 members.
8. If the students are not able to form the group, then the project coordinator will help them do so.
9. Implementation: The project coordinator is appointed by the head of the department and is responsible for the planning, scheduling, and execution of all the activities related to the student project work.

The Department Project Review Committee (DPRC), consisting of the Head of the Department, senior faculty members, and the Project Coordinator. DPRC evaluates and identifies the best projects by considering factors such as environment, safety, ethics, and cost.

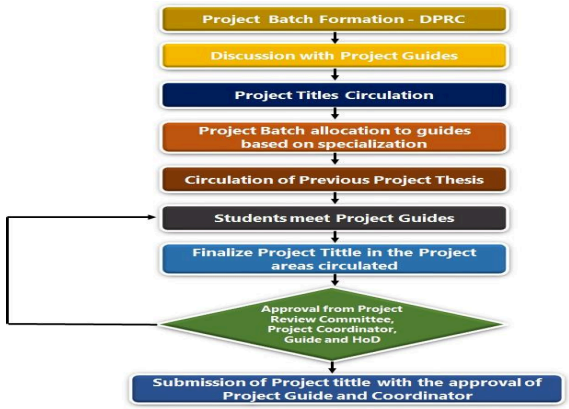


Figure 2.2.3.1 Project Process Flow Chart

Details of Project Implementation:

Table 2.2.3.1 Details of project implementation

Task	Particulars
Call for project batch and guide allotment	Students are asked to prepare their batch with the help of project coordinator of the department. With respect to the areas of interest of each guide the batches will be allotted to guides.
Call for Project Titles	Students are instructed to submit the title of the project in consultation with their respective guide to the project coordinator.
Synopsis submission	The student submitting project titles are pre-evaluated by DPRC.
Project title finalization and Abstract submission	The submitted project titles are reviewed by a committee Consisting of Project coordinator, Head of the department and some senior faculties (project committee).
First Review	Students are instructed to submit software requirement Specification and give a power point presentation for the project(Evaluation phase I by a team of faculty)
Second Review	Students are instructed to submit design documents of the project and give a PowerPoint presentation for the project (Evaluation phase II by a team of faculty)
Third Review	Students are instructed to submit complete project report with university compliance and give a Power Point presentation for the project (Evaluation phase III by a team of faculty)
Project internal marks announcement	The marks for the project work are announced and processed according to the university regulation

Table2.2.3.2 Rubric for Internal Project Evaluation Guide

Components	Marks (M)	Criteria	Exceptionally well Executed(M>90%)	Good with Room Improvement (70%)	Meets Minimum Requirement (M<70%)
Seminar	5	Content	Excellent organization of slides.	Contains all the details of the Project, but slide organization are average.	Slides do not meet the minimum standard.
	5	Presentation	Excellent communication maintaining time limit.	Average communication skill, but time limit is followed.	Average communication skill, time limit also not followed.
	5	Questioning	Student is able to answer all the questions related to his/her project.	Student is able to answer all the questions related to his/her project Except one or two.	Student is not able to answer many of the questions related to his/her project.
Report	3	Synopsis	Well written synopsis clearly indicating The problem.	Synopsis clearly indicates the problem	Synopsis prepared without clear indication of problem
	4	Literature survey	Excellent. Referred international journals.	Good. Referred national journals.	Poor literature survey
	4	Schematic diagram and source code	Schematic diagram and source code clearly mentioned in The report	Missing source code or schematic diagram	Missing source code and schematic diagram
	4	Results and conclusion	All the results are clearly mentioned in the report and the conclusion Is well written.	Report does not contain all the relevant results.	Report does not contain all the relevant results. Conclusion is also not written properly.

SAMPLE BATCH

Review-1 by DPRC

Components	*Marks (M)*	*Criteria*	*Exceptionally well Executed (M>90%)*	*Good with Room Improvement (70%)*	*Meets Minimum Requirement (M<70%)*
Title and Feasibility	*10*	*Scope*	**The title accurately reflects the scope and objectives of the study, ensuring immediate clarity for the audience.**	**The project is realistic and achievable within the given time frame, resources, and expertise available.**	**The study addresses a relevant problem or gap, indicating its potential value and applicability in real-world contexts.**
Abstract and its Depth	*10*	*Content*	**The abstract effectively summarizes the key aspects of the study—objectives, methods, results, and conclusions—in a clear and concise manner.**	**It reflects a deep understanding of the research by highlighting the significance and implications of the findings.**	**The abstract captures interest while providing sufficient detail to inform and guide readers about the studys core contribution.**
Presentation	*10*	*Presentation*	**The presentation was well-organized, with a logical flow that made complex ideas easy to understand.**	**Effective use of visuals, voice, and timing helped maintain audience interest and enhance message clarity.**	**The presenter demonstrated strong knowledge of the topic, answered questions effectively, and conveyed information with confidence.**

Review-2 by DPRC

Components	*Marks (M)*	*Criteria*	*Exceptionally well Executed(M>90%)*	*Good with Room Improvement (70%)*	*Meets Minimum Requirement (M<70%)*
Design and analysis	*10*	*Structure*	The study employed a well-structured and appropriate design that effectively addressed the research objectives.	Data was analyzed using suitable methods, providing meaningful insights and supporting the study's conclusions.	The design and analysis together ensured credible, consistent results, enhancing the study's overall trustworthiness.
Implementation	*10*	*Plan*	The planned system or solution was implemented effectively, meeting the desired objectives and functionality.	The implementation demonstrated reliable performance, with optimized use of resources and minimal issues.	The solution is designed to be scalable and adaptable, allowing for future enhancements and real-world application.
Expected Results	*10*	*Target*	The expected results are directly aligned with the study's goals, ensuring relevance and focus.	Anticipated outcomes aim to contribute meaningful insights or improvements in the targeted field or problem area.	The results are expected to open avenues for further research, development, or real-world application.

Review-3 by DPRC

Components	*Marks (M)*	*Criteria*	*Exceptionally well Executed (M>90%)*	*Good with Room Improvement (70%)*	*Meets Minimum Requirement (M<70%)*
Coding	*10*	*Code base*	**The code is well-structured, optimized, and follows best practices for readability and maintainability.**	**All key features and requirements were successfully implemented, ensuring the code meets project objectives.**	**The code base is scalable and has been thoroughly tested and debugged, minimizing errors and supporting future enhancements.**
Execution	*10*	*Execution*	**The project was executed according to plan, with each phase completed systematically and on time.**	**Execution remained focused on meeting the defined objectives, ensuring all critical tasks were accomplished effectively.**	**Challenges during execution were handled efficiently, demonstrating adaptability and strong project management.**
Presentation	*10*	*Presentation*	**The presentation was well-organized, with a logical flow that made complex ideas easy to understand.**	**Effective use of visuals, voice, and timing helped maintain audience interest and enhance message clarity.**	**The presenter demonstrated strong knowledge of the topic, answered questions effectively, and conveyed information with confidence.**

A. Identification of Projects and Allocation Methodology to Faculty Members (3)

The project coordinator identifies the different research areas. DPRC identified research areas such as data mining, information security, network security, cloud computing, e-commerce, deep learning, data security, cloud security, cyber security, and web mining.

Department Project Review Committee(DPRC)

- The DPRC committee will be responsible for evaluating the timely progress of the projects and communicating the progress report to the students.
- At the end of the IV Year I Semester, the Department Project Review Committee should finalize the list of student batches with their projects, the list of available supervisors with their interesting research areas, and the list of identified research areas by the department if any research work is going on or specified by any faculty member.
- The list of all the projects conducted in the last 3 academic years by the department will be maintained along with their supporting documents like literature surveys submitted by the student groups, project evaluation forms, etc.
- It is ensuring that the department is equipped with high-quality laboratories so that the students have access for their project purposes.
- In case it is observed by the DPRC that any group of students is not performing well, the committee should take special care to improve their performance by counseling them.

AcademicYear 2023–24

The following faculties are nominated as members of the departmental Project Review Committee (DPRC) to evaluate the project work of IV B. Tech. students:

Table 2.2.3.3 Department Project Review Committee for the academic year 2023– 24

S.No.	Name of the Faculty	Designation	Position
1	Dr. G. Syam Prasad	Professor & Head of the Department	Chairman
2	Dr. BR Srinivasa Reddy	Professor	Member
3	Dr.G. Sambhasiva Rao	Professor	Member
4	Dr. Ch. V. Phani Krishna	Professor	Member
5	S.V.C Gupta	Professor & CE	Member
6	SK. Ahmed Mohiddin	Associate Professor	Coordinator

Objectives of DPRC:

1. DPRC should follow the academic regulations R20 for B.Tech. (Regular) issued by JNTUK, Kakinada.
2. DPRC is responsible for the internal evaluation of each students project work.
3. DPRC should be aware of Pos and PEOs.
4. DPRC should check whether the plan of action meets the project requirements or not.
5. DPRC should verify whether the project work meets the plan of action specified in review1 or not in terms of scope, quality, and time period for module implementation

Allocation of Supervisor:

Each project activity must be supervised by the faculty members of the department. These faculty members are termed supervisors. There can be at most two supervisors for a B. Tech. project, out of which at least one has to be from the department and the other can be from outside the department or institute. However, in order to select a supervisor from outside the institute, the department has to get prior permission from the principal.

Project group formation:

Each B.Tech. project has to be carried out by a group of students from the department. In order to ensure the participation of each student, the group size should be preferably at least 3 but not more than 4 students. The formation of project groups should be done such that each group has representation of Students with varying academic merit, from best to average.In view of this, the following practice may be followed:

1. Decide the total number of feasible groups.Any left-out student(s) should be randomly assigned to any group. Enlist the students in the order of their previous years merit.
2. Depending on the number of groups to be formed, identify the group members in order of merit.
3. After forming the project groups, students should select the project supervisor based on the procedure specified by the DPRC and submit the project registration letter to the project coordinator. In cases where the project is multi-disciplinary, a project group can be formed consisting of students from other departments. But there must be at least one student from the department who is offering the project

B. Types and relevance of the projects and their contribution towards attainment of POs and PSOs. (5)

Table2.2.8.5: Summary of Student Project list with POs & PSOs mapping.

S. No	Academic Year	No of Projects	Relevance to PO/PSO
1	2023-24	30	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12,PSO1,PSO2
2	2022-23	32	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12,PSO1,PSO2
3	2021-22	27	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12,PSO1,PSO2

PO1	Engineering Knowledge	**PO8**	Ethics

PO2	Problem Analysis	**PO9**	Individual and Teamwork
PO3	Design/Develop solutions	**PO10**	Communication skills
PO4	Complex Problem-Solving	**PO11**	Project Management &finance
PO5	Modern Tools usage	**PO12**	Life long learning
PO6	Engineer & Society	**PSO1**	Professional & Problem–Solving skills
PO7	Environment & Sustainability	**PSO2**	Successful career and Entrepreneurship.

Sample Project–PO Mapping

Academic Year: 2023-2024

Project Title: Pen Stroke Digit Recognition Using CNN

Guide(s) : Dr.G.Syam Prasad

Student Name(s): N.Chandana, J.Sai Durga, P.P.NSyamala Soma Sri, G.Dhana Surya Raja

Table2.2.9.6:SampleProjectCOmappingwithPOsandPSOs

Description of the application, page number in the report	Mapped COs	Mapped POs
Explained about Pen Stroke digit recognition can be performed using the Convolutional neural network from Machine Learning.	**CO1**	**PO2,PO3**
Literature was reviewed that how digit classification, using the efficient CNN deep learning algorithm.	**CO2**	**PO3,PO4, PO8**
Drawn the UML diagrams, modules and database design for representing the project and its work flow using system architecture.	**CO4,CO5, CO6**	**PO1,PO3, PO5**
Identifying the software requirements and hardware requirements which are necessary to design the project.	**CO3**	**PO5, PSO2**
Create the code for the project using system requirements.	**CO3,CO5, CO6**	**PO3,PO4, PO6**
Analyzes the results and Concluded the findings by generating the test cases.	**CO3,CO5, CO6**	**PO2,PO9, PSO2**
Acknowledged the various authors findings by way of references	**CO2, CO5**	**PO8, PO12**
Able to prepare a thesis and presented to a panel of experts	**CO4,CO5, CO6**	**PO9,PO10, PSO1**

Overall Mapping for a Batch:

PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
Mapping	2.20	1.47	2.20	0.73	2.20	0.73	0.73	1.47	1.47	1.47	0.73	1.47	1.00	2.00	2.00

Overall Mapping (Average Mapping of all Project Batches):

PO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
Mapping	2.33	1.55	2.33	0.78	2.33	1.28	0.94	1.55	1.55	1.55	0.78	1.55	1.73	1.97	1.70

Project over all attainment (Project Attainments):

Table2.2.10.7: Project over all attainment for all batches for academic year 2023- 24

Batch	Roll Numbers	Assessment	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 13	PS O2	PS O3
A1	20MQ1A0508 20MQ1A0526 20MQ1A0524 20MQ1A0538	2.60	2.60	1.73	2.60	0.87	2.60	1.73	0.87	1.73	1.73	1.73	0.87	1.73	1.00	2.00	1.00
A2	20MQ1A0551 20MQ1A0503 20MQ1A0530 20MQ1A0521	2.60	2.60	1.73	2.60	0.87	2.60	1.73	0.87	1.73	1.73	1.73	0.87	1.73	2.00	2.00	2.00
A3	20MQ1A0514 20MQ1A0503 20MQ1A0592 20MQ1A05A7	2.20	2.20	1.47	2.20	0.73	2.20	1.47	0.73	1.47	1.47	1.47	0.73	1.47	1.00	2.00	1.00
A4	20MQ1A0506 21MQ5A0501 21MQ5A0510 21MQ5A0520	2.60	2.60	1.73	2.60	0.87	2.60	1.73	0.87	1.73	1.73	1.73	0.87	1.73	2.00	2.00	2.00
A5	20MQ1A0502 20MQ1A0517 20MQ1A0537 21MQ5A0508	2.60	2.60	1.73	2.60	0.87	2.60	1.73	0.87	1.73	1.73	1.73	0.87	1.73	1.00	1.00	1.00
A6	20MQ1A0507 20MQ1A0525 20MQ1A0520 20MQ1A05A4	2.20	2.20	1.47	2.20	0.73	2.20	1.47	0.73	1.47	1.47	1.47	0.73	1.47	1.00	1.00	1.00
A7	21MQ5A0503 20MQ1A0545 20MQ1A0532 20MQ1A0587	2.20	2.20	1.47	2.20	0.73	2.20	1.47	0.73	1.47	1.47	1.47	0.73	1.47	1.00	1.00	2.00
A8	20MQ1A0504 21MQ5A0511 20MQ1A0544 20MQ1A0521	2.60	2.60	1.73	2.60	0.87	2.60	1.73	0.87	1.73	1.73	1.73	0.87	1.73	1.00	1.00	1.00
A9	20MQ1A0529 21MQ5A0505 20MQ1A0531 20MQ1A0550	2.20	2.20	1.47	2.20	0.73	2.20	1.47	0.73	1.47	1.47	1.47	0.73	1.47	1.00	1.00	1.00
A10	20MQ1A0533 20MQ1A0540 21MQ5A0512 20MQ1A0554	2.20	2.20	1.47	2.20	0.73	2.20	1.47	0.73	1.47	1.47	1.47	0.73	1.47	1.00	1.00	2.00

A11	20MQ1A0562 20MQ1A0536 21MQ5A0502 20MQ1A0590	2.60	2.60	1.73	2.60	0.87	2.60	1.73	0.87	1.73	1.73	1.73	0.87	1.73	1.00	1.00	1.00
A12	20MQ1A0523 21MQ5A0517 20MQ1A0548 20MQ1A0549	2.60	2.60	1.73	2.60	0.87	2.60	1.73	0.87	1.73	1.73	1.73	0.87	1.73	1.00	1.00	1.00
A13	20MQ1A0593 20MQ1A0539 20MQ1A0543 20MQ1A0547	2.20	2.20	1.47	2.20	0.73	2.20	1.47	0.73	1.47	1.47	1.47	0.73	1.47	1.00	1.00	2.00
B1	20MQ1A0573 20MQ1A0552 20MQ1A0563 20MQ1A0518	2.60	2.60	1.73	2.60	0.87	2.60	1.73	1.73	1.73	1.73	1.73	0.87	1.73	1.00	2.00	1.00
B2	20MQ1A0584 20MQ1A0535 20MQ1A0527	2.20	2.20	1.47	2.20	0.73	2.20	1.47	1.47	1.47	1.47	1.47	0.73	1.47	1.00	2.00	1.00
B3	21MQ5A0513 20MQ1A0568 20MQ1A0513 20MQ1A0588	2.20	2.20	1.47	2.20	0.73	2.20	1.47	1.47	1.47	1.47	1.47	0.73	1.47	2.00	2.00	1.00
B4	20MQ1A0575 20MQ1A0577 20MQ1A0599 20MQ1A0522	2.20	2.20	1.47	2.20	0.73	2.20	1.47	1.47	1.47	1.47	1.47	0.73	1.47	1.00	2.00	1.00
B5	21MQ5A0514 20MQ1A0556 20MQ1A0578 21MQ5A0519	2.60	2.60	1.73	2.60	0.87	2.60	1.73	1.73	1.73	1.73	1.73	0.87	1.73	1.00	2.00	1.00
B6	20MQ1A0567 20MQ1A0570 20MQ1A0546 20MQ1A05A2	2.20	2.20	1.47	2.20	0.73	2.20	0.73	1.47	1.47	1.47	1.47	0.73	1.47	2.00	1.00	2.00
B7	20MQ1A0595 20MQ1A0510 20MQ1A0594 20MQ1A0585	2.20	2.20	1.47	2.20	0.73	2.20	1.47	1.47	1.47	1.47	1.47	0.73	1.47	2.00	2.00	2.00
B8	20MQ1A0561 20MQ1A0528 20MQ1A0569 20MQ1A0534	3.00	3.00	2.00	3.00	1.00	3.00	1.00	1.00	2.00	2.00	2.00	1.00	2.00	1.00	2.00	1.00

B9	**20MQ1A05A5 20MQ1A0558 20MQ1A0519 20MQ1A0553**	**2.20**	**2.20**	**1.47**	**2.20**	**0.73**	**2.20**	**0.73**	**0.73**	**1.47**	**1.47**	**1.47**	**0.73**	**1.47**	**2.00**	**2.00**	**1.00**
B10	**20MQ1A0559 20MQ1A0596 20MQ1A0505 20MQ1A0555**	**2.60**	**2.60**	**1.73**	**2.60**	**0.87**	**2.60**	**0.87**	**0.87**	**1.73**	**1.73**	**1.73**	**0.87**	**1.73**	**1.00**	**2.00**	**1.00**
B11	**20MQ1A0501 20MQ1A0583 20MQ1A05A0 21MQ5A0506**	**2.20**	**2.20**	**1.47**	**2.20**	**0.73**	**2.20**	**0.73**	**0.73**	**1.47**	**1.47**	**1.47**	**0.73**	**1.47**	**2.00**	**2.00**	**2.00**
B12	**20MQ1A0582 20MQ1A0560 20MQ1A0589 20MQ1A0518**	**2.60**	**2.60**	**1.73**	**2.60**	**0.87**	**2.60**	**0.87**	**0.87**	**1.73**	**1.73**	**1.73**	**0.87**	**1.73**	**1.00**	**2.00**	**1.00**
B13	**20MQ1A0576 20MQ1A0512 20MQ1A0579 20MQ1A0591**	**2.20**	**2.20**	**1.47**	**2.20**	**0.73**	**2.20**	**0.73**	**0.73**	**1.47**	**1.47**	**1.47**	**0.73**	**1.47**	**1.00**	**2.00**	**2.00**
B14	**20MQ1A0511 20MQ1A0565 20MQ1A0586 20MQ1A05A1**	**3.00**	**3.00**	**2.00**	**3.00**	**1.00**	**3.00**	**1.00**	**1.00**	**2.00**	**2.00**	**2.00**	**1.00**	**2.00**	**2.00**	**2.00**	**2.00**
B15	**20MQ1A0580 20MQ1A0598 20MQ1A0597 20MQ1A0557**	**2.60**	**2.60**	**1.73**	**2.60**	**0.87**	**2.60**	**0.87**	**0.87**	**1.73**	**1.73**	**1.73**	**0.87**	**1.73**	**2.00**	**2.00**	**2.00**
B16	**20MQ1A0566 20MQ1A0515 20MQ1A0509 20MQ1A05A3**	**2.60**	**2.60**	**1.73**	**2.60**	**0.87**	**2.60**	**0.87**	**0.87**	**1.73**	**1.73**	**1.73**	**0.87**	**1.73**	**2.00**	**2.00**	**2.00**
B17	**20MQ1A0574 21MQ5A0515 21MQ5A0504 20MQ1A0564**	**2.60**	**2.60**	**1.73**	**2.60**	**0.87**	**2.60**	**0.87**	**0.87**	**1.73**	**1.73**	**1.73**	**0.87**	**1.73**	**2.00**	**2.00**	**2.00**

Average	**2.33**	**1.55**	**2.33**	**0.78**	**2.33**	**1.28**	**0.94**	**1.55**	**1.55**	**1.55**	**0.78**	**1.55**	**1.73**	**1.97**	**1.70**
Attainment Level	**3**	**2**	**3**	**1**	**3**	**2**	**1**	**2**	**2**	**2**	**1**	**2**	**2**	**2**	**2**

PO1	Engineering Knowledge	**PO8**	Ethics
PO2	Problem Analysis	**PO9**	Individual and Teamwork
PO3	Design/Develop solutions	**PO10**	Communication skills

PO4	Complex Problem-Solving	**PO11**	Project Management &finance
PO5	Modern Tools usage	**PO12**	Life long learning
PO6	Engineer & Society	**PSO1**	Professional & Problem–Solving skills
PO7	Environment & Sustainability	**PSO2**	Successful career and Entrepreneurship.

Single project batch attainment report:

NAME OF THE PROJECT: PEN STROKE DIGIT RECOGNITION USING CNN

Batch Number : B13

Table2.2.11.8: Project attainments for a project batch

S.NO.	Regd. No.	REVIEW I (30M)	REVIEW 2 (30M)	REVIEW 3 (30M)	Review Average (30M)	Seminar + Report (30)	Total Internal 60M	CREDITS
1	20MQ1A0576	29	28	30	29	30	59	12
2	20MQ1A0512	28	27	29	28	30	58	12
3	20MQ1A0579	28	27	29	28	30	58	12
4	20MQ1A0591	25	24	26	25	30	55	12
	Average Mark	27.5	26.5	28.5	27.5	30	57.5	12
	% Marks	92%	88%	95%		100%		100%
	Attainment	3	3	3		3		3
	CO 1	✓				✓		✓
	CO 2	✓				✓		✓
	CO 3		✓			✓		✓
	CO 4			✓		✓	✓	✓
	CO 5			✓		✓	✓	✓
	CO 6			✓		✓	✓	✓

CO 1	**3.00**				**3.00**		**3.00**	**3.00**
CO 2	**3.00**				**3.00**		**3.00**	**3.00**
CO 3		**3.00**			**3.00**		**3.00**	**3.00**
CO 4			**3.00**		**3.00**		**3.00**	**3.00**
CO 5			**3.00**		**3.00**		**3.00**	**3.00**
CO 6			**3.00**		**3.00**		**3.00**	**3.00**
							Academic performance	**3.00**

		Attainment
Academic performance (60% Weightage)		**3.00**
Project Outcomes (Prizes/Prototypes/Publications/Best project) (40%)		**1**
	Overall	**2.00**

CO Statement

CO1	Describe abstract of the project and develop its requirements
CO2	Self learn new tools, algorithms, and/or techniques that contribute to the software solution of the project.
CO3	Develop a design solution for a set of requirements.
CO4	Test and validate the conformance of the developed prototype against the original requirements of the problem
CO5	Describe the summary of the project and identify the impact of the project in the society
CO6	Demonstrate the project individual and in a group

Rubrics:

Academic Performance	Attainment
<80%	1
80%-90%	2
>=90%	3

Project outcomes	Attainment
<=1	1
2	2
>=3	3

D. Process to assess individual and team performance. (5)
Evaluation Procedure:
The project work shall be evaluated for 200 marks, out of which 60 marks are for internal evaluation and 140 marks are for end-of-semester evaluation. To ensure proper conduct of each project,the progress of each project should be monitored on a continuous basis, first by the supervisor and then by the Department Project Review Committee. In order to do so, it is planned to hold two presentations to be made by each project group. The evaluation shall be done on the following basis:

Review1 (Preliminary Evaluation): 30 marks	**Review 2 (Design Evaluation): 30 marks**
Review 3 (Implementation Evaluation): 30 marks	**End-Semester Evaluation:140 marks**

Internal Marks (60)

The supervisor assesses the student for 30 marks (Report: 15 marks, Seminar: 15 marks). At the end of the semester, all projects shall be showcased at the department for the benefit of all students and staff. Every project is to be evaluated by the departmental Project Review Committee consisting of supervisor, a senior faculty and HOD for 30 marks are the average of Reviews 1,2&3.

Guide's/Supervisor evaluation of marks is as follows:

Table 2.2.3.4 Criteria for Project Guide/ Supervisor marks evaluation

S.No.	Assessment Basis	Maximum Marks
1	Seminar	15
2	Report	15
Total marks		30

Sample Evaluation Form AcademicYear-2023-24
IV B. Tech II Semester Project work

Review-II/III Evaluation Form (Section A/B)

Note:(R1 to R5 are DPRC members,Remarks are all the DPRC members comments per student and see appendix V for evaluation rubrics)

1. PRC members should be aware of the POs and PEOs of the department and ensure that the project work meets the POs and PEOs.
2. Thoroughlycheckthequalityoftheprojectandwhethertheworkprogressesaspertheplanofaction or not.
3. Collect the faculty evaluation forms and supporting documents for the completed work if they need them.
4. Marks Evaluation
5. Marks Evaluation

A = Knowledge on selected topic ---05M

B = Quality of completed work ---10M

C = Student contribution on project ---05M

D = Presentation Skills ---05M

E = Queries answering ---05M

Total marks 30 M

In Semester VII, the Review 0 will be purely problem identification, and it is for preliminary evaluation, which will be taken by the Department Project Review Committee(DPRC)in two to three weeks before the end of these semester of the third year (VII semester).In this presentation, they are required to show a brief PowerPoint presentation with no more than 10–15 slides. Students add graphical (pictures, block diagrams, flow charts, etc.) information related to the content of the presentation whenever they need it.

The presentation describes the following:

- The main aim or objective of the project
- Literature survey
- Problem Formation
- Expected results and proposed title of the project

This presentation shall be made before the respective project supervisor first, and on his approval,it should be made before the Department Project Review Committee.

S. No	Roll No.	Name of the Student	Name of the Guide	Title of the Project		Review Remarks	A	B	C	D	E	Total	Signature
1	20MQ1A0551	Talupula Hemanth Sai	Dr.G. Syam Prasad	Detection of Phishing Website Using LGBM	R1								
					R2								
					R3								
2	20MQ1A0530	Syed Imratunnisa	Dr.G. Syam Prasad	Detection of Phishing Website Using LGBM	R1								
					R2								
					R3								

S. No	Roll No.	Name of the Student	Name of the Guide	Title of the Project		Review Remarks	A	B	C	D	E	Total	Signature
3	20JM1A0503	T.S.kusuma	Dr.G. Syam Prasad	Detection of Phishing Website Using LGBM	R1								
					R2								
					R3								
4	21MQ5A0521	MSVK Phani kumar	Dr.G. Syam Prasad	Detection of Phishing Website Using LGBM	R1								
					R2								
					R3								

The second presentation of this project will be planned by the DPRC two weeks after the commencement of the first semester of the fourth year. This presentation will review the following:

- Introduction Problem Statement
- Methodology
- Modules
- Detailed Design
- Equations, design, and software to be used Algorithms/ Techniques used
- Expected outcomes
- Plan of action for the project

DPRC should plan for the third presentation. This presentation will review the following:

- Introduction
- Abstract Methodology
- Modules Split-up and Gantt Chart Detailed Design(if any deviation)
- Work progresses towards the proposed system.
- Questions, design, and software to be used Algorithms/ Techniques used
- Expected outcomes
- Plan of action for the project (if any deviations)

The final internal presentation will be taken two weeks before the date of the final external presentation. This presentation will be made before the DPRC, and project guide of the department. The final project report should be extensively checked and signed by the supervisors and also by the DPRC.The groups are also required to make a final Power Point presentation.

Sample Assessment of Project Internal Marks for the AcademicYear 2023-24

IV B.Tech II Semester
Project work Review-II

Consolidated Report Section A/B

Table 2.2.6.3:Project internal marks for the academic year 2023– 24

Sl. No	Roll No	Name of the Student	R1(30)	R2(30)	R3(30)	Review Avg (30)	Seminar (15)	Report (15)	Total Internal (60)
1	20MQ1A0507	B Lakshmi Meghana	29	28	30	29	14	15	58
2	20MQ1A0525	N Sasi Durga	28	27	29	28	14	15	57
3	20MQ1A0520	Matta Naga Sri	26	26	26	26	14	15	55
4	20MQ1A05A4	Shaik Shabuddin	26	26	26	26	15	15	56

1.R1 to R3 are conducted by DPRC members, marks of all the DPRC members per student should be note in R1 to R3 in marks evaluation table.

R1=Marks of DPRC member1 ---30M

R2=Marks of DPRC member2 ---30M

R3=Marks of DPRC member3 ---30M

Avg=Average marks of DPRC R1 to R3 30M

Seminar + Report (15+15) = 30M

Total marks 60M

Distribution of Marks for B.Tech Project Work End–Semester Evaluation:

Table 2.2.6.6 Proforma of student project marks distribution

S.No.	Particulars	Max.Marks
1	Literature Survey	10
2	Problem formulation	30
3	Experimental Design and Modules	20
4	Results–H/S Demo, Presentation & Discussion	20
5	Conclusions and scope for future work	10
6	Overall presentation of the Thesis and Oral presentation	20
7	Project Report Writing	30
Total Marks		140

C.Process for Monitoring and Evaluation (5)

1. Every week students will meet their guide three times as per schedule.
2. Guide will check their project diary and write comments.
3. Students will work on the comments given by the guide and rectify mistakes.
4. Guide will submit the progress report to the project coordinator and project coordinator submits them to the HOD.
5. Students have to submit synopsis to the internal guide/co-guide
6. Internal guide/co-guide will give suggestions towards the improvement of the project work.Based on inputs, students have to start their work. In case, the student is doing project outside the institute such as industry internships, he/she has to consult the guide and co-guide towards implementation of the project.
7. The students have to give presentations three times on the project work which is reviewed by the project review committee; Internal guide will be a member of the committee.
8. Upon satisfactory reviews of the projects, project review committee will allow the students for submission of the report.

External Evaluation scheme for projects:

1. Project viva voce examiner will be appointed by the JNTUK, Kakinada.
2. There will be a proposed time period to conduct project viva voce-JNTUK, Kakinada examiner will be contacted by the project coordinator to fix a suitable date and informs the same to the students.
3. Project viva voce will be held as per JNTUK, Kakinada schedule.

Impact analysis:

1. New innovative ideas from students form the basis of some projects Skills or abilities (Verbal/Non- verbal) of students improved.
2. Knowledge on various aspects of project management were developed.
3. Confidence level of the students was boosted.
4. Improved team work spirit.
5. Implementation and deployment of the project for social benefits.
6. Document preparation and presentation
7. Opportunities to show case their project work in project exhibition

E. Quality of completed projects / working prototypes. (5)

Summary Report of Best Projects

The university will appoint an examiner to inspect all the prototypes developed by students as part of their final-year project work and identify the three best projects from every year.

The following table shows the three best projects of the last three assessment years.

Table:2.2.12.9: List of best project for three assessment years

S.No.	Batch No.	Regd. No.	Project Title	Guide Name	Academic Year
1	A2	20MQ1A0551 20JM1A0503 20MQ1A0530 21MQ5A0521	Detection Of Phishing Website Using LGBM	Dr.G.Syam Prasad	2023-24
2	A5	20MQ1A0502 20MQ1A0517 20MQ1A0537 21MQ5A0508	Index-Based Classification	Sk.Ahmad Mohiddin	
3	A4	20MQ1A0506 21MQ5A0501 21MQ5A0510 21MQ5A0520	Machine Learning Techniques For Network Intrusion Detection System	N.Anil Kumar	

4	A2	20MQ5A0502 20MQ5A0508 19MQ1A0559 20MQ5A0509	EHR Monitoring System And Data Security Using Block Chain Technology	S. V. C. Guptha	
5	A9	19MQ1A0570 20MQ5A0518 19MQ1A0520 19MQ1A0547	Eye-Ball Based Cursor Movement Using Opencv	Md. Ahmed	2022-23
6	A7	19MQ1A0505 19MQ1A0512 19MQ1A0506 19MQ1A0535	Emotion Recognition Using Facial Expressions And Voice Modules In Real-Time	N. Anil Kumar	
7	B2	18MQ1A0534 18MQ1A0580 18MQ1A0566 18MQ1A0507	Using Deep Learning To Predict Plant Growth And Yield In Greenhouse Environments	Dr.B.R.S.Reddy	
8	B17	18MQ1A0502 18MQ1A0581 18MQ1A0596 18MQ1A0561	Detection Of Fake Online Reviews	S.V.C.Gupta	2021-22
9	B5	18MQ1A0586 18MQ1A0563 18MQ1A05B1 18MQ1A0599	Software Defect Estimation Using Machine Learning Algorithms	K.Venkataswara Rao	

Following is the list of students and a few photographs taken during the project exhibition organized in the department and also in the competitions.

Table2.2.13.10:List of student participation in project expo

S.No.	Name of the Student	Event	College Name	Prize	Academic Year
1	Beeram Sivani Jogi Revathi Mogili Veera Venkata Harish Shaik Abdul Imran	Project Expo	Sri Vasavi institute of Engineering & Technology	First	2023-24

2	Alla Sai Rohitha Kolasani Mounika B. Kodanda Siva Sandeep K. Sai Naga Siddhartha Babu	Project Expo	Sri Vasavi institute of Engineering & Technology	Second	2023-24

F Evidence of Papers Published/ Awards Received by Projects etc., (2)

Photographs during the Project Expo are done at Sri Vasavi institute of Engineering & Technology in 2023-24 academic year.

ProjectExpo1

ProjectExpo2

Figure:2.2.3.2: Student participation in project expo

Summary of Student Publications for Last Three Academic Years

S. No	Academic Year	No of Publications
1	2023-24	30
2	2022-23	32
3	2021-22	18

Table 2.2.14.11: Summary of Student participation and received awards for the last two academic years

S. No	Academic Year	No of Students Received Awards
1	2023-24	26
2	2022-23	28

2.2.4 Initiative related to industry interaction (15)

Institute Marks : 15.00

A.Industry Supported Laboratories (5)

With the focus on skill and industry professionals, the institute established an e-Yantra centre in collaboration with IIT Bombay, a lab with a total area of 90 Sq Mts (Room No: B1-008) having hardware and software & Virtual Labs (Room No: B1-309) in collaboration with College of Engineering, Pune (CoEP), Sponsored by MHRD. On an average, each student undergoes 40 hours of training oriented to skill development.

Table 2.2.4.1: List of Industry Supported Laboratories

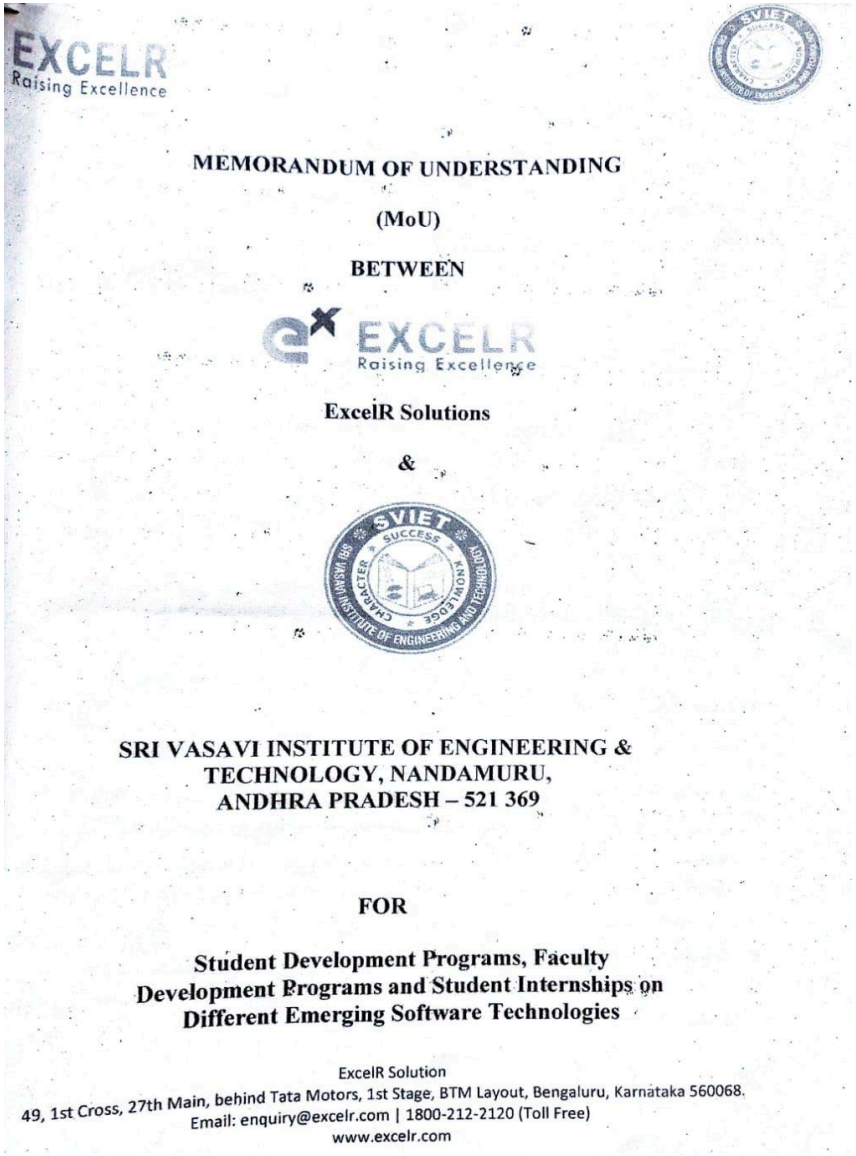
S. No	LAB Room No	Name of the Laboratory	Name of the Organization/ Industry
1	B1-008	e-Yantra Lab	In collaboration with IIT- Bombay, Sponsored by MHRD
2	B1-309	Virtual Labs	In collaboration with College of Engineering, Pune (CoEP), Sponsored by MHRD

B.Industry Involvement in the Program Design and Partial Delivery of Any Regular Courses for Students (5)

The following are the Industry MOUs of CSE Department during the last three assessment years.

Table 2.2.4.2: List of Industry MOUs

S.No	Name of the Industry	MOU Duration
1	Aon Consulting Private Limited	01/11/2015 to 31/10/2024
2	Eduskills	12/06/2020 to 11/06/2026
3	ExcelR Solutions, Bengaluru	17/5/2023 to 16/5/2026
4	ICT Academy	4/8/2023 to 3/8/2025
5	Leo Global Overseas	20/10/2022 to lifelong
6	Juniper	18/05/2023 to 17/05/2024
7	BIST, Pvt. Ltd., Amaravati	20/10/21 to 19/10/2024 & 19/10/24 to 18/10/27



EXCELR
Raising Excellence

MEMORANDUM OF UNDERSTANDING

(MoU)

BETWEEN

EXCELR
Raising Excellence

ExcelR Solutions

&

SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY, NANDAMURU, ANDHRA PRADESH – 521 369

FOR

Student Development Programs, Faculty Development Programs and Student Internships on Different Emerging Software Technologies

ExcelR Solution
49, 1st Cross, 27th Main, behind Tata Motors, 1st Stage, BTM Layout, Bengaluru, Karnataka 560068.
Email: enquiry@excelr.com | 1800-212-2120 (Toll Free)
www.excelr.com

Figure 2.2.4.1: MOU with ExcelR Solutions.

Figure 2.2.4.2: MOU with Eduskills.

Greetings from Aon Assessment Solutions!

This has reference to our discussions with you regarding the engagement by **Sri Vasavi Institute of Engineering & Technology** ("Client") of **Aon Consulting Private Limited** ("Aon"), for availing the Services defined hereinafter. We are bringing on record the following terms of our engagement. Please send us an **email confirmation on the below Scope, Fees and the General Terms & Conditions along with the signed copy of attached agreement from your end**:-

In the event of a conflict with any Purchase Order or other documents issued by the Client based on this Agreement, the terms of this Agreement shall prevail.

1. **Scope of Services and Project Plan –**

Our scope of services for this Agreement will be limited to **CoCubes Final Year Program – Engineering – 2024 Batch** and will include the following:

Offering	Degree	Batch	Count of Students	Actual Unit Price	Unit Price for SVIET Students
7 DCT's + 2 CoCubes	B.Tech	2024	80	INR 1532 inclusive of tax	INR 1200 inclusive of tax

2. **Timelines**

This Agreement shall commence on **30th October 2023** (the "**Effective Date**") and shall remain in effect for a period of **1 Year** ("**Term**"), unless terminated earlier in accordance with the provisions of this Agreement. Any deviation/delay, that impacts the timelines from the project plan and is not attributable to Aon, shall not constitute a delay by Aon.

Figure 2.2.4.3: MOU with Aon Consulting Private Limited

MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN

Sri Vasavi Institute of Engineering & Technology
AND
LEO Global Overseas

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the 21stday of Oct2022by and between **Sri Vasavi Institute of Engineering & Technology**
The First Party represented herein by its Principal, **Dr. D .Raja Ramesh** And **LEO Global Overseas**. The second party and represented herein by its Director, Mr. **Veeranjaneyulu Lagadapati (Managing Director)**

WHEREAS:

A) First Party is a Higher Educational Institution named: **Sri Vasavi Institute Of Engineering&Technology.**

B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.

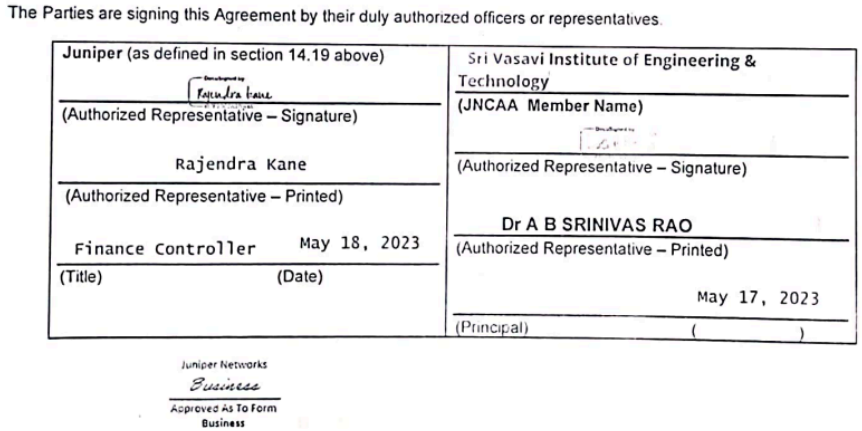
C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education, Placement, Industrial Visit, Expert Lecture.

D) **LEO Global Overseas** - the Second Party is engaged in providing overseas career consultancy and placement services.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

Figure 2.2.4.4: MOU with Leo Global Overseas.

Figure 2.2.4.5: MOU with ICT Academy



The Parties are signing this Agreement by their duly authorized officers or representatives.

Juniper (as defined in section 14.19 above)	Sri Vasavi Institute of Engineering & Technology
Rajendra Kane (Authorized Representative – Signature)	(JNCAA Member Name)
Rajendra Kane (Authorized Representative – Printed)	(Authorized Representative – Signature)
Finance Controller (Title) May 18, 2023 (Date)	Dr A B SRINIVAS RAO (Authorized Representative – Printed)
	May 17, 2023 (Principal) ( )

Juniper Networks
Business
Approved As To Form
Business

Figure 2.2.4.2: MOU with Juniper.

The department invites experts from industries to deliver lectures to students. During the lecture, students can raise questions and interact with the experts from industry. A report is prepared about the guest lecturer and workshops, and the feedback from the students is collected for improvement in future guest lectures.

Table 2.2.4.3 Workshops Organized

S.NO	Date	Name of the event	Name of the coordinator/s	Resource person details
1	01-08-2023 to 18-08-2023	Work shop on “ICT AWS CLOUD”	Sk.AhmedMohiddin	1.Syed Irean Ali 2.Satwik joel Nagelle
2	21-10-2024 to 07-11-2024	Workshop on” Finishing school for employability training on Data Analysis”	Sk.AhmedMohiddin	1.Mr.M.V.Raja Deeraj 2.Mr.Akshaya Kumar sanapathi
3	22-12-2021 to 24-12-2021	Workshop on Salesforce Cloud & Development”	Sk.AhmedMohiddin	1.Mr. Mahanti Prudhvi Tej 2. Sheik Basha from Bodha Soft Tech
4	27-12-2021 to 28-12-2021	Two day Workshop on “Intellectual Property Rights and Patent Prosecution”	Sk.AhmedMohiddin	1.Dr.Rajesh 2.H. Kulkarni,

Table 2.2.4.4 Guest Lectures Organized

S.NO	Date	Name of the event	Name of the coordinator/s	Resource person details
1	27-04-2024	Guest Lecture on “Machine Learning and Applications”	Md.Ahmed	Dr.T.Subha Mastan Rao Associate Professor, KLEF, Guntur.

2	11-11-2022	Guest lecture on “Applications of Image Processing ”	Md.Ahmed	Dr.M.Babu Rao,Professor, GEC, Gudlavaleru.
3	19-11-2022	Guest lecture on “Introduction to speech Recognition”	Md.Ahmed	Dr.S.Narayana,Professor, Gudlavaleru Engineering College,Gudlavaleru
4	29-03-2022	Guest lecture on “Artificial Intelligence in IT industry”	Md.Ahmed	Mr.Raju Babu Kankipati Senior software Enginner,Mphasis,Hyderabad
5	20-04-2022	Guest Lecture on “Cloud Computing ”	Md.Ahmed	SRK Software Consultancy

C. Impact Analysis of Industry Institute Interaction and Actions Taken Thereof (5)

Impact Analysis

- The effectiveness of this practice can be gauged by the great response of the participants. Students exposed to industrial application of concern courses.
- Due to this Vigorous Training, students got placed in companies & got various prizes in National Level Competitions.

Team – SVIET (PHOENIX with 3 students from CSE department) got first prize in SIH Senior Software Edition category of Smart India Hackathon- 2022 Competition @ SVCET, PUDUCHERRY. Team PHOENIX received a Cash Prize of 1 Lakh Rupees

2.2.5 Initiative related to industry internship/summer training (15)

Institute Marks : 15.00

A. Industrial training/tours for students (3)

To strengthen interaction with industries and to keep our students updated with the latest trends in Computer Science and Engineering, the Department has entered into an agreement with the following companies to provide:

- Internships
- Students specific Training and Assessment
- Workshops

S.No	Name of the Organization	Purpose	From Date	To Date
1	Eduskills	Internship, Workshop and training	12/06/2020	12/06/2026
2	Excel R	Internship, Workshop and training	17/05/2023	17/05/2025
3	Co Cubes Technologies	Student Performance Assessment	01/11/2015	31/10/2024
4	ICT Academy	Workshop and training	04/08/2023	03/08/2024

Industry tours offer students valuable practical experience, bridging theory with real-world application, enhancing soft skills like communication and teamwork, and providing insights into career paths and industry operations. Our Computer Science & Engineering have gone for industrial visit to various organizations.

- The students are encouraged to visit industries.
- Faculty members coordinate and give suggestions, guidelines and scope and contact details of an industry.
- They also help the students by interacting with the industrial experts, provide the students recommendation letters and other necessary supports.Industrial Visits:

Academic Year:2023-24:

S. No	Date of Visit	Organization	Coordinator Name	No. of students visited	Duration	Relevance of PO,PSO
1	19-02-2024	Kayne's Technology Mysore	Sri Md.Shamsheer	71	1 Day	PO9,PO10,PSO2
2	20-02-2024	Py spider Technologies Banglore	Sri Md.Shamsheer	71	1 Day	PO9,PO10,PSO2

Academic Year:2022-23:

S.No	Date of Visit	Organization	Coordinator Name	No. of students visited	Duration	Relevance of PO,PSO
1	10-02-2023	Kayne's Technology Mysore	Ms Ch.Mary	96	1 Day	PO9,PO10,PSO2
2	11-12-2022	IBSC(ANTZ)	Ms Ch.Mary	77	1 Day	PO9,PO10,PSO2

Industrial Visit Report 2023-24:

Industrial visit has been conducted for III year B.Tech with 71 students and 4 faculty namely K .Divya, M . Prasanthi, M.Madhusudhana Rao, MD.Shamsheer on 17/2/2024 To 21/2/2024 visited, PySpider Technologies located in Bangalore, kayne's technology located in Mysore.

KAYNES Technology established in Mysore, delivers Total Manufacturing Solutions with integrated business verticals to cover the entire bandwidth of Electronic Manufacturing Services starting from Design Services thru Prototyping, Sourcing, The company has been providing End- to- End Solutions to the organized sector in the field of IT Peripherals, Industrial Controls, Telecom, Energy, Medical Electronics, Defense Electronics to leading Companies such as Analog Devices Inc.

The visit to Pyspider campus at Whitefield was learning and knowledge gaining experience, as the students got an opportunity to know more about some technical aspects of IoT, its current applications and ongoing projects on it. The visit was very useful to the students in a professional manner.. The session started off by a welcome address by Ms. Anjana, Regional Head- Talent Acquisition. She gave us a brief on all the events conducted by Pyspider which is open to students and gives students the opportunity to showcase their talents and skills.

B.Industrial /internship /summer training of more than two weeks and post training Assessment (4)

The AICTE-EduSkills virtual internship program, launched in partnership with the Ministry of Education, aims to enhance employability by providing students with practical industry experience, bridging the gap between academia and industry, and thereby increasing their job prospects upon graduation

Internship 2023-24((CAY M 1):

S.NO.	ORGANIZATION	INTERNSHIP TITLES	NO. OF STUDENTS ATTENDED	DURATION	RELEVANCE OF PO, PSO
1	Chip electronics institute	Cyber Security	2	10 weeks	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO3
2	Eduskills	Cyber Security Virtual Internship	191	10 weeks	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO3
3	Eduskills	Python	1	10 weeks	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO3
4	Eduskills	Zero Trust Cloud Security Virtual Internship	20	10 weeks	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO3
5	Chip electronics institute	AI&ML Developer	1	10 weeks	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO3
6	Eduskills	Ai-Ml Virtual Internship	26	10 weeks	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO3
7	Eduskills	Android Developer Virtual Internship	4	10 weeks	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO3
8	Eduskills	Cloud Virtual Internship	47	10 weeks	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO3
9	Eduskills	Uipath Robotic Process Automation (Rpa) Developer	15	10 weeks	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO3

10	Eduskills	Process Mining Virtual Internship Process	10	10 weeks	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO3
11	Eduskills	Networking Virtual Internship	1	10 weeks	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO3
12	Eduskills	Networking Cloud Virtual Internship	1	10 weeks	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO3
13	Eduskills	Network Security Associate Virtual Internship	4	10 weeks	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO3
14	Eduskills	Jiniper Networks Networking Virtual Internship	1	10 weeks	PO1,PO2,PO3,PO5,PO8,PO9, PO10,PO12,PSO3
15	Eduskills	Java Full Stack Internship	1	10 weeks	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO3
16	Eduskills	Intelligent Automation Virtual Internship	5	10 weeks	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO3
17	Eduskills	Embedded System Developer Virtual Internship	10	10 weeks	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO3
18	Eduskills	Data Enginerring Virtual Internship	3	10 weeks	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO3
19	Eduskills	Data Analytics Process Automation Virtual Internship	3	10 weeks	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO3
20	Forage(accenture)	Data Analysis And Visulization Job Simulation	14	10 weeks	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO3
21	Eduskills	Data Analytics Virtual Internship	1	10 weeks	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO3
22	Eduskills	Aws Cloud Virtual Internship	20	10 weeks	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO3
23	Internsala Training	Android App Development	4	10 weeks	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO3
24	Eduskills	Process Mining Virtual Internship Process	110	10 weeks	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO3

Summer internship 2023-24

S.NO.	ORGANIZATION	INTERNSHIP TITLES	NO. OF STUDENTS ATTENDED	DURATION	RELEVANCE OF PO, PSO
1	Eduskills	Cyber Security Virtual internship	96	10 Weeks	PO1,PO2,PO3,PO5,PO8,PO9, PO10,PO12,PSO3

2	Eduskills	AWS Cloud Virtual Internship	9	10 Weeks	PO1,PO2,PO3,PO5,PO8,PO9, PO10,PO12,PSO3
3	Eduskills	AI - ML Virtual Internship	5	10 Weeks	PO1,PO2,PO3,PO5,PO8,PO9, PO10,PO12,PSO3
4	Eduskills	Robotic Process Automation (RPA) Virtual Internship	2	10 Weeks	PO1,PO2,PO3,PO5,PO8,PO9, PO10,PO12,PSO3
5	Eduskills	Data Analytics Virtual Internship	2	10 Weeks	PO1,PO2,PO3,PO5,PO8,PO9, PO10,PO12,PSO3
6	Internshala Trainings	Android App Development	4	10 Weeks	PO1,PO2,PO3,PO5,PO8,PO9, PO10,PO12,PSO3
7	Eduskills	Process mining virtual internship	2	10 Weeks	PO1,PO2,PO3,PO5,PO8,PO9, PO10,PO12,PSO3
8	Eduskills	Cloud Virtual Internship	2	10 Weeks	PO1,PO2,PO3,PO5,PO8,PO9, PO10,PO12,PSO3
9	Kodnest	JAVA Full Stack	9	10 Weeks	PO1,PO2,PO3,PO5,PO8,PO9, PO10,PO12,PSO3
10	Eduskills	Intelligent Auto Machine Virtual Internship	1	10 Weeks	PO1,PO2,PO3,PO5,PO8,PO9, PO10,PO12,PSO3
11	Eduskills	Machine Learning	1	10 Weeks	PO1,PO2,PO3,PO5,PO8,PO9, PO10,PO12,PSO3
12	Eduskills	Cyber Security	3	10 Weeks	PO1,PO2,PO3,PO5,PO8,PO9, PO10,PO12,PSO3
Total			136		

Academic Year 2022-23

S.NO	ORGANIZATION	INTERN SHIP TITLES	NO. OF STUDENTS ATTENDED	DURATION	RELEVANCE OF PO, PSO
1	EduSkills	AI-ML CLOUD INTERNSHIP	3	10 WEEKS	PO1,PO2,PO3,PO5,PO8, PO9,PO10,PO12,PSO3
2	EduSkills	AI-ML CLOUD VIRTUAL INTERNSHIP	7	10 WEEKS	PO1,PO2,PO3,PO5,PO8, PO9,PO10,PO12,PSO3
3	EduSkills	AWS CLOUD VIRTUAL INTERSHIP	4	10 WEEKS	PO1,PO2,PO3,PO5,PO8, PO9,PO10,PO12,PSO3
4	PALOALTO	CYBER SECURITY ENG VIRTUAL INTENSHIP	1	10 WEEKS	PO1,PO2,PO3,PO5,PO8, PO9,PO10,PO12,PSO3
5	SAP	CYBER SECURITY ENG VIRTUAL INTENSHIP	6	10 WEEKS	PO1,PO2,PO3,PO5,PO8, PO9,PO10,PO12,PSO3
6	EduSkills	PROCESS MINING VIRTUAL INTERNSHIP	6	10 WEEKS	PO1,PO2,PO3,PO5,PO8, PO9,PO10,PO12,PSO3
7	EduSkills	ROBOTIC PROCESS AUTOMATION VIRTUAL INTERNSHIP	40	10 WEEKS	PO1,PO2,PO3,PO5,PO8, PO9,PO10,PO12,PSO3
8	EduSkills	RPA DEVELOPERS VIRTUAL INTERNSHIP	1	10 WEEKS	PO1,PO2,PO3,PO5,PO8, PO9,PO10,PO12,PSO3
Total			68		

Academic Year 2021-22:

S.No	Organization	INTERN SHIP TITLES	No. of students attended	Duration	RELEVANCE OF PO, PSO
1	EduSkills&AICTE (Cohort-1)	AWS CLOUD	80	10 weeks	PO1,PO2,PO3,PO5,PO8,PO9,PO10,PO12,PSO3
2	Edu skills& AICTE (Cohort-2)	Robotic process Automation(Blue prism)	117	10 weeks	PO1,PO2,PO3,PO5,PO8, PO9,PO10,PO12,PSO3

C. Impact Analysis of Industrial Training (4)

Impact of the Internship is as follows:

The internship has had an impact on the students in the following aspects:

1. Students gained innovative, technical ideas and Industry Standards from industry professionals (PO2, PO3, PO5).
2. The skills and abilities of students were improved (PO3, PO5, PO10).
3. The confidence level of the students was boosted (PO9, PO10, PO12).
4. The team spirit of the students was improved (PO9, PO10).
5. Helped the students get an idea about their final project, apprenticeship after graduation, and job in the core sector (PO2, PO3, PO4, PO5, PO10, PO12).

Impact of the industrial visits is as follows:

1. Students got familiarized with the industrial environment and the technical work, technologies involved, in products. The feedback of the students was found to be highly enthusiastic.
2. The students were more motivated to learn the concepts with a practical perspective by correlating with the theoretical aspects already learnt.

3. These visits helped the students in the execution of the projects. For instance, it also helped the students in executing projects in health and medical domains.

Batch	Number of Companies Visited	Number of Companies Recruited	Average CTC L.P.A	Number of Students Placements	Number of IT and ITES Companies	Higher Education Enrolment Details
2018-22	21	21	3.77 LPA	120	21	2
2019-23	21	21	2.49 LPA	52	21	8
2020-24	4	4	2.5 LPA	44	4	3

D Student feedback on initiative (4)

Sample Student Feedback Form:

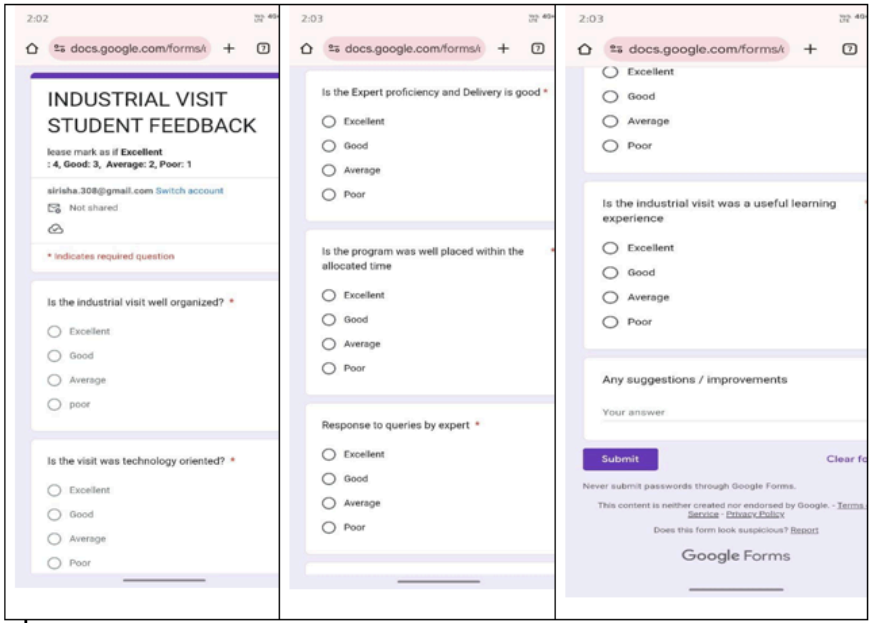
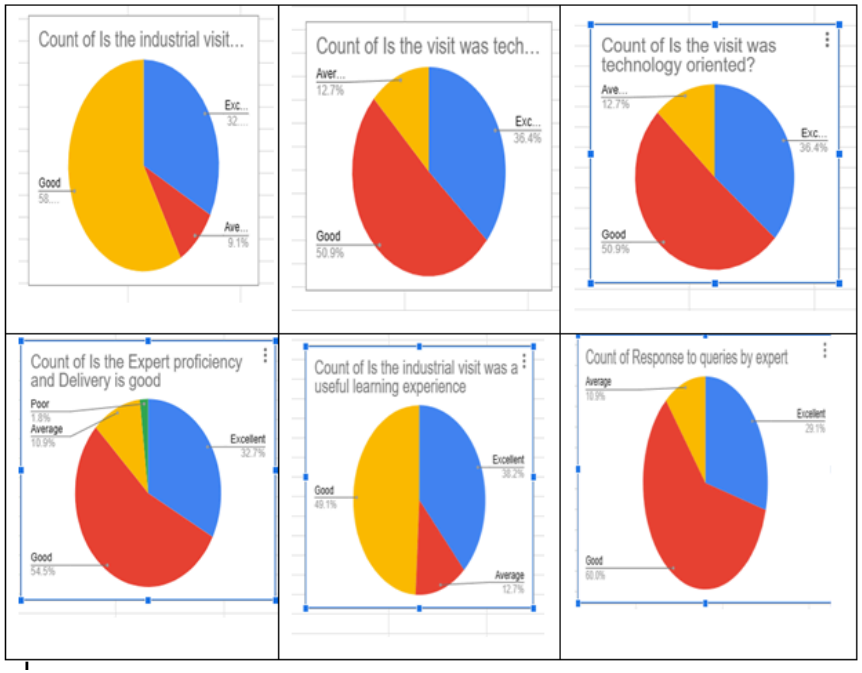


Figure 2.2.5.5 Sample Empty Industrial Visit Feedback form for Industrial Internship

Feedback analysis Pie charts



Sample internship Feedback Form:

SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY
Department of Computer Science & Engineering

INTERNSHIP FEEDBACK 2023-2024

Name of the Student :

Name of the Industry :

Period Internship

Rate your internship experience by answering the following questions

Rating: 1-Low 2-Medium 3-High

1. Whether the internship gave you realistic preview of the career field.
   1 2 3
2. As a result of the internship do u got a better understanding of concepts, theories, and skills of your course of study.
   1 2 3
3. Are you given adequate training or explanation of projects?
   1 2 3
4. Are you provided levels of responsibility consistent with your ability and was given additional responsibility as your experience increased?
   1 2 3
5. Whether your supervisor was available and accessible when you had questions/concerns?
   1 2 3
6. The work you performed was challenging and simulating?
   1 2 3
7. Whether it provided regular and helpful assessment of your performance and how to enhance it?
   1 2 3
8. Had a good working relationship coworkers?
   1 2 3
9. Whether ample opportunities for learning are available?
   1 2 3
10. Do you feel you are better prepared to enter the world of work after this experience?
    1 2 3

Sample Student Internship Feedback:

SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY
Approved By AICTE, New Delhi & Affiliated to JNTUK, Kakinada
Accredited by NAAC, NBA(CSE, ECE & ME)
ISO 9001:2015

INTERNSHIP FEEDBACK

ACADEMIC YEAR 2023-2024

Name of the Student : B. Jaswanthi

Name of the Industry : Forage(accenture) - data analysis & visu tion Job simulation.

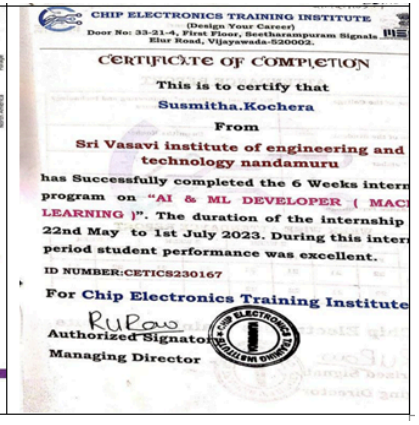
Period Internship: June - 2023.

Rate your internship experience by answering the following questions

Rating: 1-Low 2-Medium 3-High

1. Whether the internship gave you realistic preview of the career field.
   1 2 3
2. As a result of the internship do u got a better understanding of concepts, theories, and skills of your course of study.
   1 2 3
3. Are you given adequate training or explanation of projects?
   1 2 3
4. Are you provided levels of responsibility consistent with your ability and was given additional responsibility as your experience increased?
   1 2 3
5. Whether your supervisor was available and accessible when you had questions/concerns?
   1 2 3
6. The work you performed was challenging and simulating?
   1 2 3
7. Whether it provided regular and helpful assessment of your performance and how to enhance it?
   1 2 3
8. Had a good working relationship coworkers?
   1 2 3
9. Whether ample opportunities for learning are available?
   1 2 3
10. Do you feel you are better prepared to enter the world of work after this experience?
    1 2 3

Sample Internship Certificates:



3 COURSE OUTCOMES AND PROGRAM OUTCOMES (120)

Total Marks 120.00

Define the Program specific outcomes

3.1 Establish the correlation between the courses and the Program Outcomes (POs) and Program Specific Outcomes (PSOs) (20)

Total Marks 20.00

:

PSO1	Engineering Fundamentals: The ability to develop computer programs in the areas related to Algorithms, Multimedia, Web design, Big Data Analytics, and IoT to deliver a quality product for society needs.
PSO2	Career Development: The ability to excel in Computer Science and Engineering program through quality education, communication skills and ethics which enables them to succeed in computing industry profession.
PSO3	Problem Solving Skills: The ability to apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success.

3.1.1 Course Outcomes(COs)(SAR should include course outcomes of one course from each semester of study, however, should be prepared for all courses and made available as evidence, if asked) (5)

Institute Marks : 5.00

Note : Number of Outcomes for a Course is expected to be around 6.

Course Name :	C2 13	Course Year :	2021-2022

Course Name	Statements
C2 13.1	Make use the structure of OS and basic architectural components involved in OS
C2 13.2	Implement various process scheduling algorithms and Solve Different Process Synchronization ProblemsImplement various process scheduling algorithms and Solve Different Process Synchronization Problems
C2 13.3	Compare and contrast various memory management schemes and page-replacement algorithms
C2 13.4	Implement various deadlock algorithms and different file system structures
C2 13.5	Examine system protection and system security

Course Name :	C2 24	Course Year :	2021-2022

Course Name	Statements
C2 24.1	utilize object oriented programming concepts and Java Basics
C2 24.2	Compare Classes and Objects in JAVA Programming
C2 24.3	Implement inheritance,Packages and Exception handling concepts
C2 24.4	Execute Multi-Threading concepts and Input output Streams
C2 24.5	Design and implement Applet and event handling mechanisms in application programs
C2 24.6	Use swings aspects in graphical interactive application development

Course Name :	C3 12	Course Year :	2022-2023

Course Name	Statements
C3 12.1	Analyze the performance of a given algorithm, denote its time complexity using the asymptotic notation for recursive and non-recursive algorithms
C3 12.2	List and describe various algorithmic approaches and Solve problems using divide and conquer &greedy Method
C3 12.3	Synthesize efficient algorithms dynamic programming approaches to solve in common engineering design situations.
C3 12.4	Organize important algorithmic design paradigms and methods of analysis: backtracking, branch and bound algorithmic approaches
C3 12.5	Demonstrate NP- Completeness theory ,lower bound theory and String Matching

Course Name :	C3 23	Course Year :	2022-2023

Course Name	Statements
C3 23.1	Make use the principles of cryptography for information security

C3 23.2	Use substitution and transposition transformations in symmetric encryption algorithm
C3 23.3	Use number theory knowledge in asymmetric encryption algorithm
C3 23.4	Examine hash algorithms and digital signatures for online authentication
C3 23.5	Compare various network security protocols

Course Name :	**C4 14**	**Course Year :**	**2023-2024**

Course Name	Statements
C4 14.1	Apply the Categories and functions of various Data communication Networks.
C4 14.2	Design and analyze various error detection techniques
C4 14.3	Demonstrate the mechanism of routing the data in network layer
C4 14.4	make use the significance of various Flow control and Congestion control Mechanisms.
C4 14.5	Determine application layer services and client server protocols working with the client server paradigms like WWW, HTTP, FTP, e-mail and STMP ,DNS etc.

Course Name :	**C4 21**	**Course Year :**	**2023-2024**

Course Name	Statements
C4 21.1	Select abstract of the project and develop its requirements
C4 21.2	Make use of Self learn new tools, algorithms, and/or techniques that contribute to the software solution of the project.
C4 21.3	Develop a design solution for a set of requirements.
C4 21.4	Test and validate the conformance of the developed prototype against the original requirements of the problem
C4 21.5	Conclusion the summary of the project and identify the impact of the project in the society
C4 21.6	Develop the project individual and in a group

3.1.2 CO-POmatrices of courses selected in 3.1.1(Six matrices to be mentioned; one per semester from 3rd to 8th semester) (5) Institute Marks : 5.00

1 . course name : C213

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C213.1	1	1	-	-	-	-	-	-	-	-	-	2
C213.2	2	2	2	-	-	-	-	-	-	-	-	-
C213.3	2	2	2	-	-	-	-	-	-	-	-	-
C213.4	2	2	3	-	-	-	-	-	-	-	-	-
C213.5	2	2	-	-	-	-	-	-	-	-	-	-
Average	**1.80**	**1.80**	**2.30**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2.00**

2 . course name : C224

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C224.1	3	2	-	-	-	-	-	-	-	-	-	-
C224.2	2	3	3	-	-	-	-	-	-	-	-	-
C224.3	2	3	2	-	-	-	-	-	-	-	-	-
C224.4	2	3	2	-	-	-	-	-	-	-	-	-
C224.5	3	2	-	-	-	2	-	-	2	-	-	1
C224.6	3	2	-	-	-	-	-	-	-	-	-	1
Average	**2.50**	**2.50**	**2.33**	**0.00**	**0.00**	**2.00**	**0.00**	**0.00**	**2.00**	**0.00**	**0.00**	**1.00**

3 . course name : C312

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C312.1	3	2	-	-	-	-	-	-	-	-	-	2
C312.2	2	2	3	-	-	-	-	-	-	-	-	-
C312.3	3	3	3	-	-	-	-	-	-	-	-	-
C312.4	2	3	3	-	-	-	-	-	-	-	-	-
C312.5	3	2	3	-	-	-	-	-	-	-	-	-
Average	**2.60**	**2.40**	**3.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2.00**

4 . course name : C323

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12

C323.1	3	2	-	-	-	-	-	-	-	-	-	-
C323.2	2	3	3	-	-	-	-	-	-	-	-	-
C323.3	2	3	2	-	-	-	-	-	-	-	-	-
C323.4	3	2	2	-	-	-	-	-	-	-	-	1
C323.5	3	2	-	-	-	2	-	-	-	-	-	1
Average	**2.60**	**2.40**	**2.33**	**0.00**	**0.00**	**2.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**1.00**

5 . course name : C414

Course	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**
C414.1	3	-	-	-	-	-	-	-	2	-	-	-
C414.2	3	2	2	-	-	-	-	-	-	-	-	-
C414.3	3	-	-	-	-	-	-	-	-	-	-	2
C414.4	3	-	2	-	-	-	-	-	-	-	-	2
C414.5	3	-	-	-	-	2	-	-	-	-	-	2
Average	**3.00**	**2.00**	**2.00**	**0.00**	**0.00**	**2.00**	**0.00**	**0.00**	**2.00**	**0.00**	**0.00**	**2.00**

6 . course name : C421

Course	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**
C421.1	3	3	3	3	3	3	3	3	3	3	3	3
C421.2	3	3	3	3	3	3	3	3	3	3	3	3
C421.3	3	3	3	3	3	3	3	3	3	3	3	3
C421.4	3	3	3	3	3	3	3	3	3	3	3	3
C421.5	3	3	3	3	3	3	3	3	3	3	3	3
C421.6	3	3	3	3	3	3	3	3	3	3	3	3
Average	**3.00**	**3.00**	**3.00**	**3.00**	**3.00**	**3.00**	**3.00**	**3.00**	**3.00**	**3.00**	**3.00**	**3.00**

1 . Course Name : C213

Course	PSO1	PSO2	PSO3
C213.1	3	-	2
C213.2	3	-	2
C213.3	3	-	3
C213.4	3	-	2
C213.5	3	-	2
Average	**3.00**	**0.00**	**2.20**

2 . Course Name : C224

Course	PSO1	PSO2	PSO3
C224.1	3	-	2
C224.2	3	-	2
C224.3	3	-	2
C224.4	3	-	2
C224.5	3	-	2
C224.6	3	-	2
Average	**3.00**	**0.00**	**2.00**

3 . Course Name : C312

Course	PSO1	PSO2	PSO3
C312.1	2	-	3
C312.2	2	-	3
C312.3	2	-	3
C312.4	2	-	3
C312.5	2	-	3
Average	**2.00**	**0.00**	**3.00**

4 . Course Name : C323

Course	PSO1	PSO2	PSO3
C323.1	3	-	2

C323.2	3	-	2
C323.3	3	-	2
C323.4	3	-	2
C323.5	3	-	2
Average	**3.00**	**0.00**	**2.00**

5 . Course Name : C414

Course	PSO1	PSO2	PSO3
C414.1	2	-	2
C414.2	2	-	2
C414.3	2	-	2
C414.4	2	-	2
C414.5	2	-	2
Average	**2.00**	**0.00**	**2.00**

6 . Course Name : C421

Course	PSO1	PSO2	PSO3
C421.1	3	3	3
C421.2	3	3	3
C421.3	3	3	3
C421.4	3	3	3
C421.5	3	3	3
C421.6	3	3	3
Average	**3.00**	**3.00**	**3.00**

3.1.3 - A Program level Course-PO matrix of all courses INCLUDING first year courses (10)

Institute Marks : 10.00

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C111	PO1	PO2	PO3	PO4	PO5	1	1	1.5	1.66	2.5	PO11	2
C112	3	2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	1
C113	3	2	PO3	1.5	PO5	PO6	PO7	PO8	1	PO10	PO11	PO12
C114	2.75	2.5	2	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12

C115	3	1.67	PO3	PO4	1.67	PO6	PO7	PO8	2	PO10	PO11	2
C116	1	PO2	PO3	PO4	PO5	1.33	1.5	PO8	PO9	2.25	PO11	PO12
C117	2	1	PO3	2	2	PO6	PO7	PO8	3	PO10	PO11	PO12
C118	3	2.8	2.5	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C121	3	2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	1
C122	1	2	2	PO4	PO5	2	2.5	PO8	PO9	PO10	PO11	PO12
C123	3	3	2	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C124	1	2	3	1	3	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C125	2	2.8	2.33	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C126	2	2	PO3	PO4	PO5	3	3	PO8	PO9	PO10	PO11	PO12
C127	1	2	3	3	3	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C128	1.8	2	2.25	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C211	3	2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	1
C212	2.2	2.5	2	PO4	2	PO6	PO7	PO8	PO9	PO10	PO11	2
C213	1.8	1.8	2.3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	2
C214	2.6	3	PO3	1.5	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C215	2	3	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	1
C216	2.6	2.33	2	PO4	3	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C217	1.8	2	2.5	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C218	2	2.6	3	PO4	3	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C219	2	2	1.25	PO4	2.5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C221	2	3	PO3	PO4	1	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C222	2.2	2.5	3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C223	2	1.6	2	1	PO5	PO6	PO7	PO8	PO9	PO10	PO11	1
C224	2.5	2.5	2.33	PO4	PO5	2	PO7	PO8	2	PO10	PO11	1
C225	2.3	2.25	PO3	PO4	PO5	PO6	PO7	3	2	PO10	2.2	PO12
C226	1.8	2	2.2	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C227	2	2.8	1	PO4	2	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C228	2	3	3	3	1.5	PO6	PO7	PO8	1	PO10	PO11	2
C229	3	2	1.5	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C311	2	2	2	2	2	PO6	PO7	PO8	PO9	PO10	PO11	2

C312	2.6	2.4	3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	2
C313	2	2.25	2.25	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C314	2.2	1.5	1.5	2	1.5	2	2	PO8	PO9	PO10	PO11	1.75
C315	2	PO2	PO3	2	2.66	PO6	2	3	PO9	PO10	PO11	PO12
C316	2.25	2.25	2	PO4	3	PO6	PO7	PO8	PO9	PO10	PO11	2
C317	3	2	2	1	2	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C318	2	2	2.75	PO4	3	PO6	PO7	PO8	3	PO10	3	1
C319	3	3	3	3	3	3	3	3	3	3	3	3
C321	1.66	2	2	2.3	3	2	PO7	PO8	PO9	PO10	PO11	PO12
C322	2.2	2.4	2	PO4	2	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C323	2.6	2.4	2.33	PO4	PO5	2	PO7	PO8	PO9	PO10	PO11	1
C324	3	2	3	1	3	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C325	2	3	3	PO4	2.66	PO6	PO7	PO8	PO9	PO10	PO11	2
C326	2.25	2.25	2	PO4	3	PO6	PO7	PO8	PO9	PO10	PO11	2
C327	1.75	2	2.5	PO4	2.2	PO6	PO7	PO8	2.8	PO10	PO11	PO12
C328	3	3	3	3	3	PO6	2	PO8	PO9	PO10	PO11	PO12
C329	3	2	2	PO4	1	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C411	2.4	2.5	2	PO4	2	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C412	3	2	2.5	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C413	2	2.25	2.25	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C414	3	2	2	PO4	PO5	2	PO7	PO8	2	PO10	PO11	2
C415	2.4	2.5	2	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C416	PO1	PO2	PO3	PO4	PO5	PO6	PO7	3	PO9	2	PO11	PO12
C417	2	2	3	PO4	3	PO6	PO7	PO8	2	PO10	PO11	PO12
C418	3	3	3	3	3	3	3	3	3	3	3	3
C421	3	3	3	3	3	3	3	3	3	3	3	3

3.1.3 - B Program level Course-PSO matrix of all courses INCLUDING first year courses :

Course	PSO1	PSO2	PSO3
C111	PSO1	PSO2	PSO3
C112	PSO1	PSO2	PSO3
C113	PSO1	PSO2	PSO3

C114	PSO1	PSO2	PSO3
C115	3	PSO2	3
C116	PSO1	PSO2	PSO3
C117	PSO1	PSO2	PSO3
C118	PSO1	PSO2	PSO3
C121	PSO1	PSO2	PSO3
C122	PSO1	PSO2	PSO3
C123	2.83	PSO2	2
C124	3	2	PSO3
C125	2.5	PSO2	2.67
C126	PSO1	PSO2	PSO3
C127	3	2	PSO3
C128	3	PSO2	2.4
C211	3	PSO2	2
C212	3	PSO2	2
C213	3	PSO2	2.2
C214	3	PSO2	2
C215	3	PSO2	2
C216	3	PSO2	2
C217	3	PSO2	2
C218	3	PSO2	2
C219	3	PSO2	2.5
C221	3	PSO2	2
C222	3	PSO2	2
C223	3	PSO2	2
C224	3	PSO2	2
C225	3	PSO2	2
C226	3	PSO2	2.5
C227	1.75	1.5	1.75
C228	3	PSO2	2
C229	3	PSO2	2

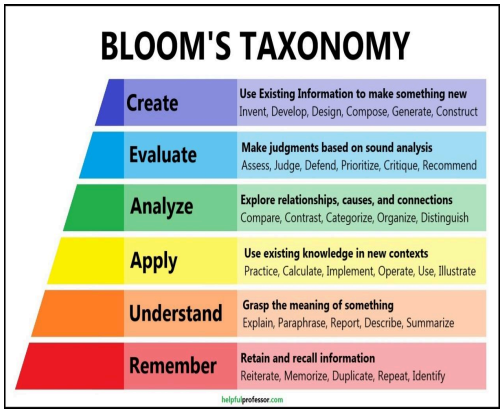
C311	3	PSO2	2
C312	2	PSO2	3
C313	3	PSO2	2.2
C314	3	PSO2	2.2
C315	3	PSO2	2.2
C316	3	PSO2	2
C317	3	PSO2	2
C318	3	PSO2	2.5
C319	3	3	3
C321	2	1	PSO3
C322	3	PSO2	2.5
C323	3	PSO2	2
C324	3	PSO2	2
C325	PSO1	2	PSO3
C326	3	PSO2	3
C327	3	PSO2	2.5
C328	3	3	3
C329	3	PSO2	2
C411	3	PSO2	2
C412	3	PSO2	2
C413	3	PSO2	2
C414	2	2	2
C415	2	2	PSO3
C416	1	1	1
C417	3	PSO2	2
C418	3	3	3
C421	3	3	3

3.2 Attainment of Course Outcomes (50) Total Marks 50.00

3.2.1 Describe the assessment processes used to gather the data upon which the evaluation of Course Outcome is based (10)

Institute Marks : 10.00

Procedure for Cos:Faculty write CO's in Higher levels of Bloom to achieve Higher order thinking skills for all the courses and present to the committee, later gets accepted and audited by IQAC Members during course file audit.All the faculty are instructed to follow top down approach to write Cos .

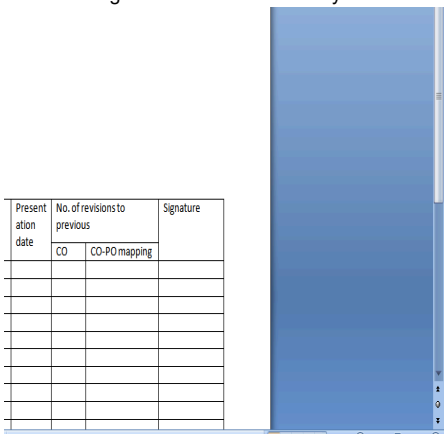


COURSE MATRIX															
COURSE OUTCOME(CO's)	PROGRAM OUTCOMES												PSO		
Course No.C411	1	2	3	4	5	6	7	8	9	10	11	12	PSO1	PSO2	PSO3
C411.1: Examine the key dimensions of the challenge of Cloud Computing	3	1	1		-	-	-	-	-	-	-	-	3		2
C411.2: Utilize the Levels of Virtualization	3	3	2		-	-	-	-	-	-	-	-	3		2
C411.3: Analyze Cloud infrastructure including Google Cloud and Amazon Cloud	3	3	2		-	-	-	-	-	-	-	-	3		2
C411.4: Analyze the policies and mechanisms for cloud resource management	3	2	2		-	-	-	-	-	-	-	-	3		2
C411.5: Identify the storage models and file systems for cloud applications	3	2	2		-	-	-	-	-	-	-	-	3		2
Weighted Average	15/15	10/15	9/15										15/15		10/15
Percentage	100	66.6	60										100		66.6

Rubrics Level	3	2	2									3		2

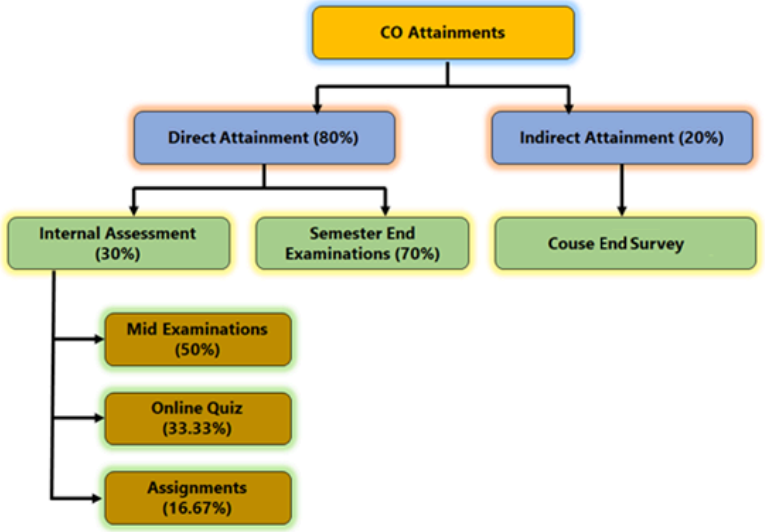
All the faculty after writing their course outcomes map with particular PO's and later perform weighted average for every PO.The following Rubrics are taken to determine the CO values for the course
>70=3
40 to 70=2
10 to 40=1
<10=0

The following Procedure is followed by the review committee to finalise the CO-PO Mapping.



Presentation date	No. of revisions to previous		Signature
	CO	CO-PO mapping	

Procedure for Attainment of CO :



A. List of assessment processes (2)

Procedure for COs Assessment:

Assessment Tools and Processes :

A. Course Outcome Assessment for Theory Courses

AssessmentMethods	Weights		
Continuous Internal Examination	30%	80%	Final Course Outcome
Semester End Examination	70%		
Course End Survey	20%		

The attainment of course outcome (CO) is assessed through direct and indirect evaluations. The direct attainment is measured based on the performance of the students in the internal and external examinations. The Course end survey questionnaire is prepared by the Course instructor in consultation with the Program Coordinator. The indirect attainment is measured based on course end survey. The Course end survey questionnaire consisting of all course outcomes is distributed to the students at the end of every semester. The Survey reports are assessed with a rating of 3 for excellent, 2 for Good, 1 for Poor. The average of the ratings obtained from course end survey will be taken on 3 points scale. By taking the weighted average of internal, external and course end survey the final co assessment is calculated.

For Theory & Mandatory Courses:

Direct Attainment for subjects:

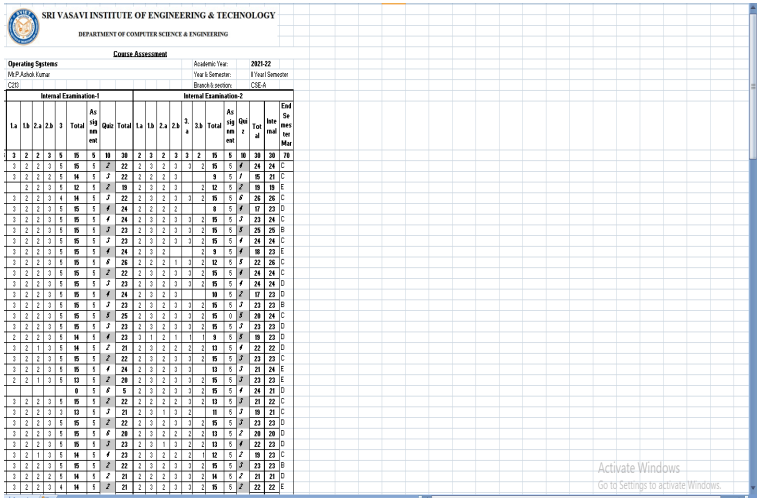
S.No	Assessment Method	Marks Weight age
1	Mid	15(50%)
2	Assignment	5(10%)
3	Online	10(10%)
4	End Semester Exam	70(30%)

B. The quality /relevance of assessment processes & tools used (8)

Tool used	Frequency of data collection	Responsible person	Assessment criterion	Rubric for Attainment Level	Weightage
Internal examinations. (Mid+Assignments+Quiz)	Twice per Semester	Examinations cell	Students scored > class average mark	3: >70% students 2: 51-69% students 1:40-49% students 0:<40% students	30%

University Examinations	Once per semester	Examinations cell	Students scored > class average mark or Grade D	3: >70% students 2: 51-69% students 1:40-49% students 0:<40% students	70%

Sample attainment calculation form for theory Courses:



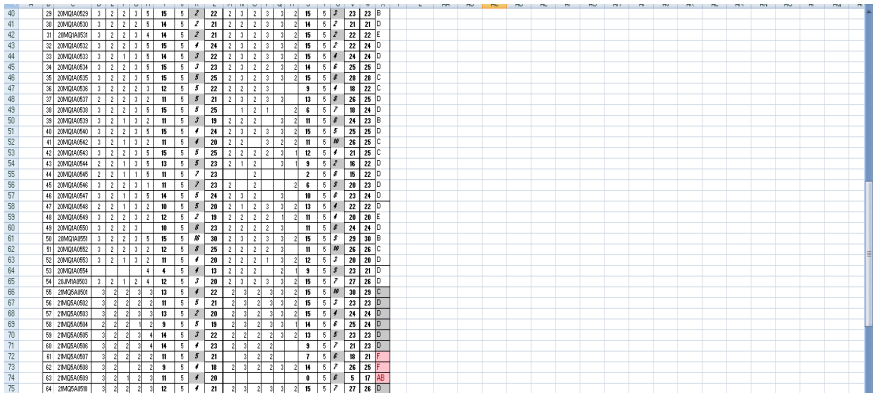
SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY

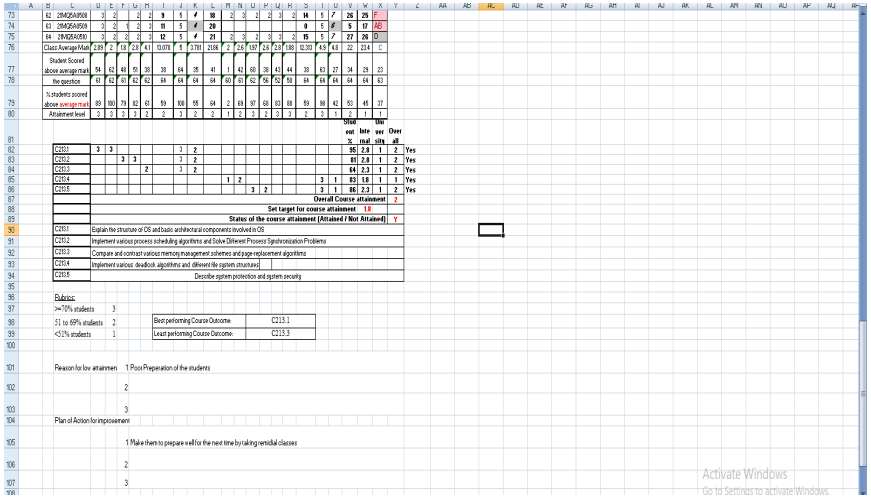
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Course Assessment

Operating Systems		Academic Year:	2021-22
Mr.P.Ashok Kumar		Year & Semester:	II Year I Semester
CSD		Branch & section:	CSE-A

Internal Examination-1								Internal Examination-2													
1.a	1.b	2.a	2.b	3	Total	Assignment	Quiz	Total	1.a	1.b	2.a	2.b	3.a	3.b	Total	Assignment	Quiz	Total	Internal mark	End Semester Mar
3	2	2	3	5	15	5	10	30	2	3	2	3	3	2	15	5	10	30	30	70
3	2	2	3	5	15	5	7	22	2	3	2	3	3	2	15	5	4	24	24	C
3	2	2	3	5	15	5	7	22	2	3	2	3			9	5	7	15	21	C
3	2	2	3	5	12	5	7	19	2	3	2	3		2	12	5	2	19	19	E
3	2	2	3	4	14	5	7	22	2	3	2	3	3	2	15	5	6	26	26	C
3	2	2	3	5	15	5	4	24	2	2	2	2			8	5	4	17	23	D
3	2	2	3	5	15	5	4	24	2	3	2	3	3	2	15	5	3	23	24	C
3	2	2	3	5	15	5	3	23	2	3	2	3	3	2	15	5	5	25	25	B
3	2	2	3	5	15	5	3	23	2	3	2	3	3	2	15	5	4	24	24	C
3	2	2	3	5	15	5	4	24	2	3	2			2	9	5	4	18	23	E
3	2	2	3	5	15	5	6	26	2	2	2	3	3	2	12	5	5	22	26	C
3	2	2	3	5	15	5	2	22	2	3	2	3	3	2	15	5	4	24	24	C
3	2	2	3	5	15	5	3	23	2	3	2	3	3	2	15	5	4	24	24	D
3	2	2	3	5	15	5	4	24	2	3	2	3			10	5	2	17	23	D
3	2	2	3	5	15	5	3	23	2	3	2	3	3	2	15	5	3	23	23	B
3	2	2	3	5	15	5	5	25	2	3	2	3	3	2	15	5	0	20	24	C
3	2	2	3	5	15	5	3	23	2	3	2	3	3	2	15	5	3	23	23	D
2	2	2	3	5	14	5	4	23	3	1	2	1	1	1	9	5	5	19	23	D
3	2	1	3	5	14	5	2	21	2	3	2	2	2	2	13	5	4	22	22	D
3	2	2	3	5	15	5	2	22	2	3	2	3	3	2	15	5	3	23	23	C
3	2	2	3	5	15	5	4	24	2	3	2	3	3	2	15	5	3	23	24	E
2	2	1	3	5	13	5	2	20	2	3	2	3	3	2	15	5	3	23	23	E
					0	5	6	5	2	3	2	3	3	2	15	5	4	24	21	D
3	2	2	3	5	15	5	2	22	2	2	2	2	3	2	13	5	3	21	22	C
3	2	2	3	3	13	5	3	21	2	3	1	3	2		11	5	3	19	21	C
3	2	2	3	5	15	5	2	22	2	3	2	3	3	2	15	5	3	23	23	D
3	2	2	3	5	15	5	6	28	2	3	2	2	2	2	13	5	2	20	20	D
3	2	2	3	5	15	5	3	23	2	3	1	3	2	2	13	5	4	22	23	D
3	2	1	3	5	14	5	4	23	2	3	2	2	2	1	12	5	2	19	23	C
3	2	2	3	5	15	5	2	22	2	3	2	3	3	2	15	5	3	23	23	B
3	2	2	2	5	14	5	2	21	2	2	2	3	3	2	14	5	2	21	21	D
3	2	2	3	4	14	5	2	21	2	3	2	3	3	2	15	5	2	22	22	E





C213.1	3	3						3	2									95	2.8	1	2	Yes
C213.2			3	3				3	2									91	2.8	1	2	Yes
C213.3					2			3	2									64	2.3	1	2	Yes
C213.4											1	2						3	1	83	1.8	1	1	Yes
C213.5													3	2				3	1	86	2.3	1	2	Yes

Overall Course attainment 2

Set target for course attainment 1.8

Status of the course attainment (Attained / Not Attained) Y

C213.1 Explain the structure of OS and basic architectural components involved in OS

C213.2 Implement various process scheduling algorithms and Solve Different Process Synchronization Problems

C213.3 Compare and contrast various memory management schemes and page-replacement algorithms

C213.4 Implement various deadlock algorithms and different file system structures

C213.5 Describe system protection and system security

Rubrics:

>=70% students 3

51 to 69% students 2

<51% students 1

Best performing Course Outcome: C213.1

Least performing Course Outcome: C213.3

Reason for low attainmen 1 Poor Preperation of the students

2

3

Plan of Action for improvement

1 Make them to prepare well for the next time by taking remidial classes

2

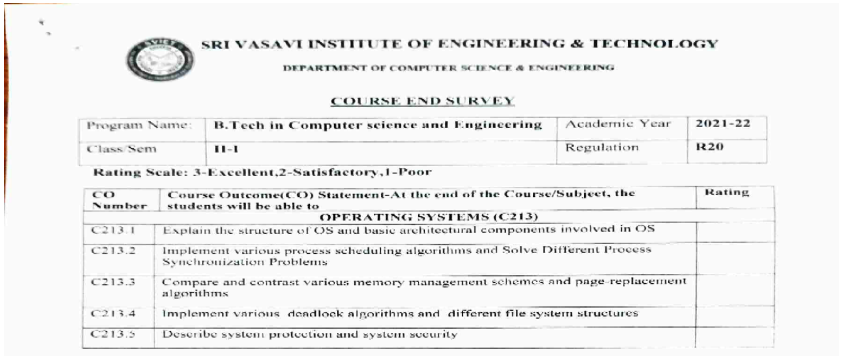
3

Indirect Attainment for subjects

Tool used	Frequency of data collection	Responsible person	Assessment criterion	Rubric for Attainment Level	Weightage
CO Feedback	End of semester	Assessment committee coordinator	Average of entire class for each CO	Class Average on the scale of 1-3	100%

Overall course attainment = 0.8*Direct attainment+0.2*Indirect attainment.

Sample Course End Survey :



SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY

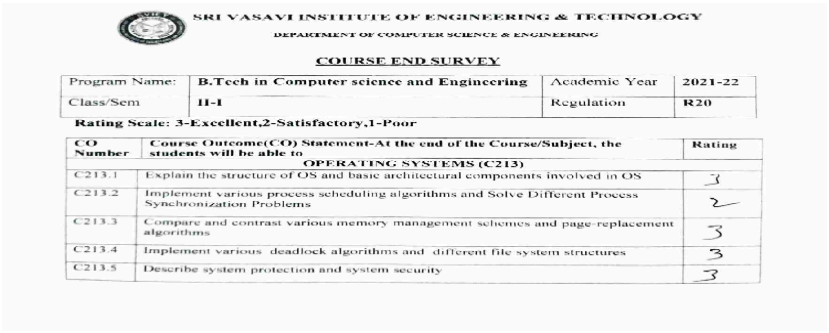
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

COURSE END SURVEY

Program Name:	B.Tech in Computer science and Engineering	Academic Year	2021-22
Class Sem	II-I	Regulation	R20

Rating Scale: 3-Excellent,2-Satisfactory,1-Poor

CO Number	Course Outcome(CO) Statement-At the end of the Course/Subject, the students will be able to	Rating
	OPERATING SYSTEMS (C213)	
C213.1	Explain the structure of OS and basic architectural components involved in OS	
C213.2	Implement various process scheduling algorithms and Solve Different Process Synchronization Problems	
C213.3	Compare and contrast various memory management schemes and page-replacement algorithms	
C213.4	Implement various deadlock algorithms and different file system structures	
C213.5	Describe system protection and system security	



SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

COURSE END SURVEY

Program Name:	B.Tech in Computer science and Engineering	Academic Year	2021-22
Class/Sem	II-I	Regulation	R20

Rating Scale: 3-Excellent,2-Satisfactory,1-Poor

CO Number	Course Outcome(CO) Statement-At the end of the Course/Subject, the students will be able to	Rating
	OPERATING SYSTEMS (C213)	
C213.1	Explain the structure of OS and basic architectural components involved in OS	3
C213.2	Implement various process scheduling algorithms and Solve Different Process Synchronization Problems	2
C213.3	Compare and contrast various memory management schemes and page-replacement algorithms	3
C213.4	Implement various deadlock algorithms and different file system structures	3
C213.5	Describe system protection and system security	3

B. Course outcome Assessment for Laboratory courses

Assessment Methods	Weights		Final Course Outcome
Continuous Internal Examination	70%	80%	
Semester End Examination	30%		
Course End Survey	20%		

The attainment of course outcome is assessed through direct evaluations as follows:

The evaluation is done in two stages viz; continuous evaluation and end semester examination. The final marks awarded to a student are based on the following criteria.

- Continuous Evaluation (15marks)

  Internal Exam -5 marks

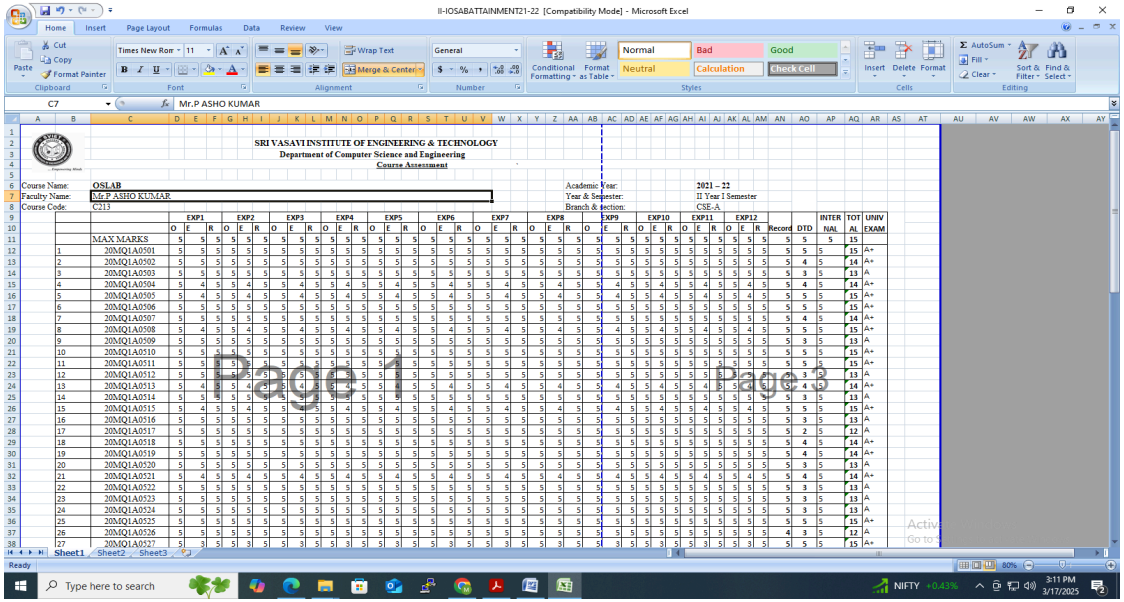
  Day to Day evaluation-5 marks

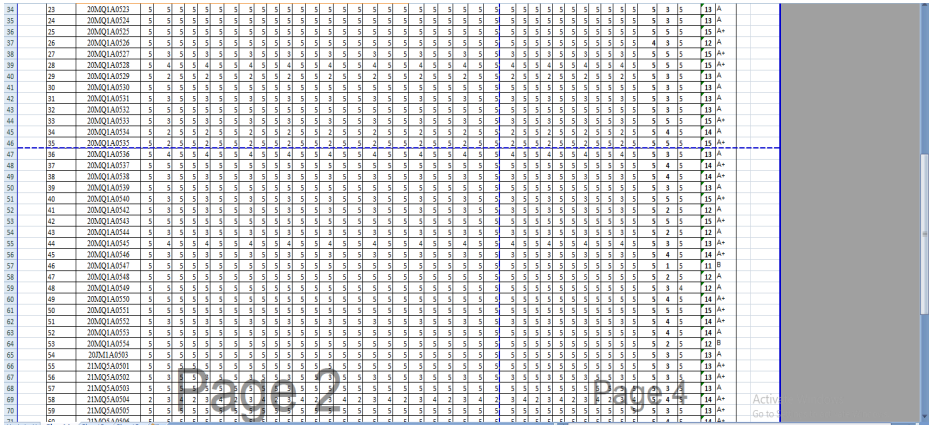
  Record -5 marks
- End Semester examination (35 marks)

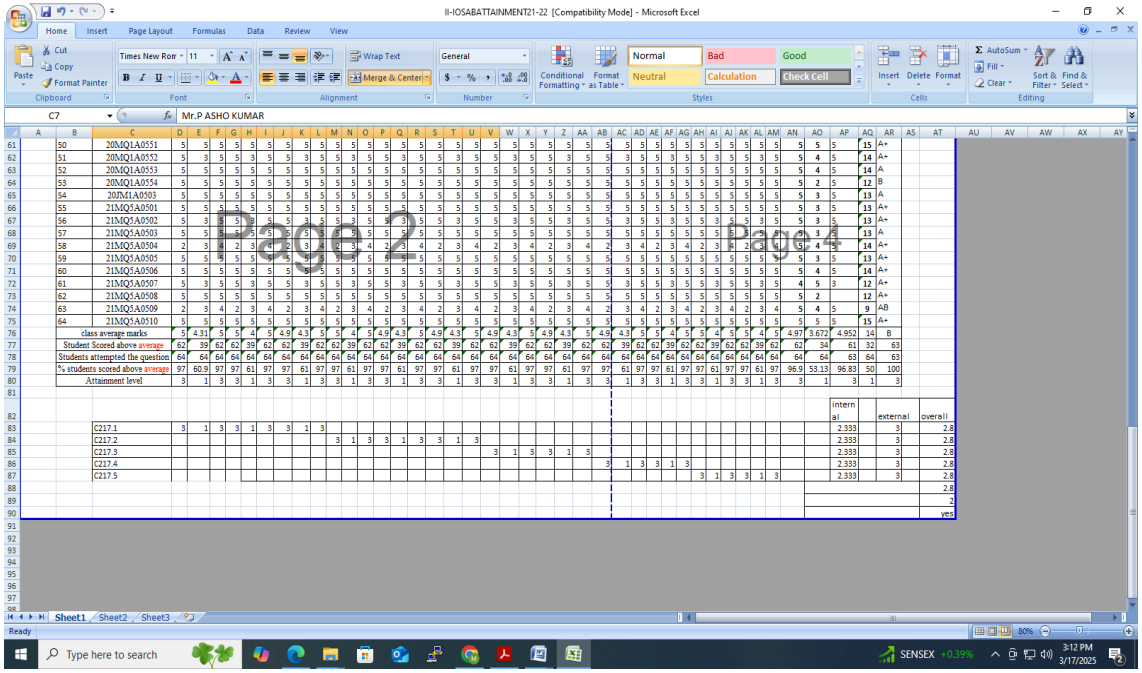
Laboratories Direct method:

Tool used	Frequency of data collection	Responsible person	Assessment criterion	Rubric for Attainment Level	Weightage
Internal Examination (Day to Day Evaluation + Record+Exam)	Once in Semester. (Day to day Evaluation & Record- During each lab session)	Lab Coordinator	Students scored > class average mark	3: >=90 students 2: 80-90% students 1: 50-80% students 0:<50%	30%
University Examinations	Once in Semester	University appointed Examiner	Students scored > class average mark	3: >=90 students 2: 80-90% students 1: 50-80% students 0:<50%	70%

Sample Attainment form for Lab related courses:



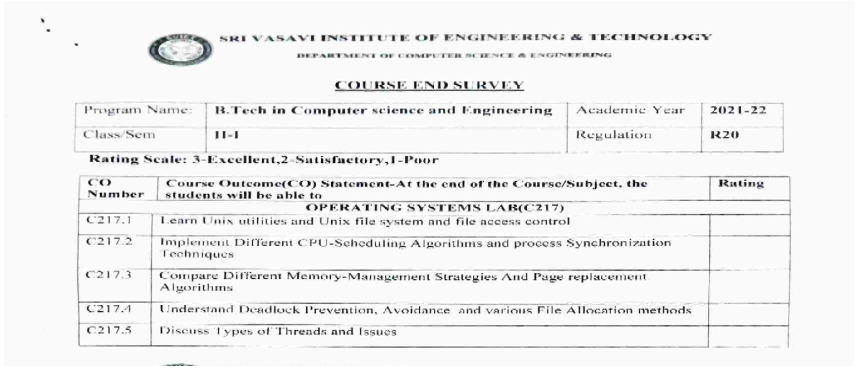




Indirect Method:

Tool used	Frequency of data collection	Responsible person	Assessment criterion	Rubric for Attainment Level	Weightage
Lab Feedback	End of semester	Assessment committee coordinator	Average of entire class for each CO	Class Average on the scale of 1-3	100%

Overall course attainment = 0.8*Direct attainment+0.2*Indirect attainment.



SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY

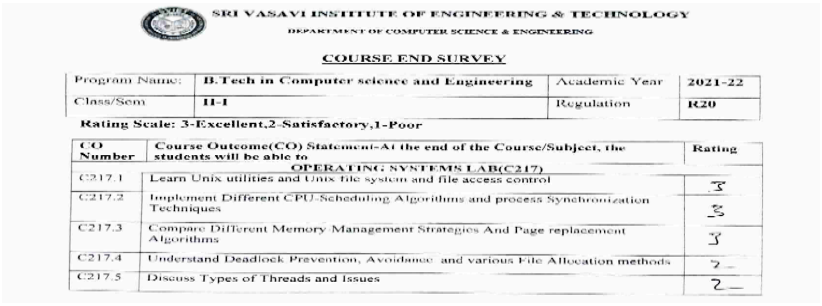
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

COURSE END SURVEY

Program Name:	B.Tech in Computer science and Engineering	Academic Year	2021-22
Class/Sem	II-I	Regulation	R20

Rating Scale: 3-Excellent,2-Satisfactory,1-Poor

CO Number	Course Outcome(CO) Statement-At the end of the Course/Subject, the students will be able to	Rating
	OPERATING SYSTEMS LAB(C217)	
C217.1	Learn Unix utilities and Unix file system and file access control	
C217.2	Implement Different CPU-Scheduling Algorithms and process Synchronization Techniques	
C217.3	Compare Different Memory-Management Strategies And Page replacement Algorithms	
C217.4	Understand Deadlock Prevention, Avoidance and various File Allocation methods	
C217.5	Discuss Types of Threads and Issues	



SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

COURSE END SURVEY

Program Name:	B.Tech in Computer science and Engineering	Academic Year	2021-22
Class/Sem	II-I	Regulation	R20

Rating Scale: 3-Excellent,2-Satisfactory,1-Poor

CO Number	Course Outcome(CO) Statement-At the end of the Course/Subject, the students will be able to	Rating
	OPERATING SYSTEMS LAB(C217)	
C217.1	Learn Unix utilities and Unix file system and file access control	3
C217.2	Implement Different CPU Scheduling Algorithms and process Synchronization Techniques	3
C217.3	Compare Different Memory Management Strategies And Page replacement Algorithms	3
C217.4	Understand Deadlock Prevention, Avoidance and various File Allocation methods	2
C217.5	Discuss Types of Threads and Issues	2

.C. Course outcome Assessment for Project Work & CSP:

As per curriculum, the students have to carry out a major project.Students are advised and encourage to identify their areas of interest in line with the recent research and development in the field of Mechanical Engineering. Projects are categorized based on their functional area and are assessed based on the content, quality, relevance and applicability. After categorizing, they will be mapped with program outcomes and programme specific outcomes and attainment levels are assessed. The marks for the individual members of the project group are awarded on the basis of evaluation done based on three presentations. The evaluation shall be done by a team of minimum three examiners including the project guide.

SRI VASAVI

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Academic Year: 2021-22 Name of the UG Autno

PROJECT : AI-POWERED REAL-TIME COMMUNICATION SYSTEM FOR PEOPLE WITH DISABILITIES

Batch Numb

S.NO	Regd. No.	REVIEW-1 (40)	REVIEW-2 (40)	REVIEW-3 (40)	Review Average (40)	DAY TO DAY EVALUATION	Total Marks (80)	UNIVERSITY EXAMINATION
1	33	33	33	33	33		33	AB
2	39	37	36	38	37		37	AB
3	43	38	37	38	38		38	AB
4	47	38	38	37	38		38	AB
	Marks	36	36.2	36	36.25	39.00	38	AB
	Marks (x)	3	3	3		3		3
	CO 1							
	CO 2							
	CO 3							
	CO 4							
	CO 5							
	CO 6							
	CO 1	3.00				3.00		3.00
	CO 2	3.00				3.00		3.00
	CO 3		3.00			3.00		3.00
	CO 4			3.00		3.00		3.00
	CO 5			3.00		3.00		3.00
	CO 6			3.00		3.00		3.00
							Academic Performance	3.00

CO Statement	
CO1	Describe abstract of the project and develop its
CO2	Self learn new tools, algorithms and/or techniques that contribute to the solution of the project.
CO3	Develop a design solution for a set of requirements.
CO4	Test and validate the conformance of the developed prototype against the requirements
CO5	Describe the summary of the project and identify the future scope.
CO6	Demonstrate the project individual and in a group

Attainment	
Academic performance (60% Weightage)	3.00
Project Outcomes(Prizes/Prototypes/Publications/Best project	1
Overall	2.20

D. Course outcome Assessment for COMMUNITY SERVICE PROJECT

3.2.2 Record the attainment of Course Outcome of all courses with respect to set attainment levels (40) Institute Marks : 40.00

Course Outcome Direct attainments for (2020-2024) Batch:

S NO	COURSE NAME	CO1	CO2	CO3	CO4	CO5	Average CO ATTAINMENT
1	C111(ENG)	2.65	2.3	2.39	2.415	2.53	2.46
2	C112(M-I)	1.97	1.97	1.99	2.05	2.05	2.00
3	C113(AP)	1.62	1.53	1.7	1.79	1.705	1.67
4	C114(PPSC)	2.48	2.41	2.325	2.35	2.29	2.37
5	C115(CEWS)	2.32	2.18	2.2	2.15	2.15	2.20
6	C116(ELCS LAB)	2.2	2.4	2.4	2.4	2.4	2.36
7	C117(AP LAB)	2.3	2.3	2.765	2.53	2.3	2.44
8	C118(PPSC LAB)	2.48	2.41	2.325	2.35	2.29	2.37
9	C121(M-II)	2.42	2.44	2.55	2.55	2.62	2.52
10	C122(AC)	2.14	2.05	1.96	1.99	1.79	1.99
11	C123(CO)	2.35	2	2.17	2.15	2.26	2.19
12	C124(PP)	2.44	2.61	2.26	2.35	2.09	2.35
13	C125(DS)	2.44	2.61	2.26	2.35	2.09	2.35
14	C126(ACLAB)	2.07	2.18	2.07	2.07	2.07	2.09
15	C127(PPLAB)	2.49	2.53	2.45	2.54	2.65	2.53
16	C128(DSLAB)	3	2.53	2.65	2.76	2.53	2.69
17	C211(M3)	2.38	2.265	2.065	2.5	2.5	2.34
18	C212(OOPTC++)	2.055	2.05	2.19	1.88	1.79	1.98
19	C213(OS)	2	2	2	1.5	2	1.88
20	C214(SE)	2.09	1.885	2.035	2	2.06	2.00
21	C215(MFCS)	2	2.235	2.3	2.29	2.29	2.26
22	C216(OOPS LAB)	2.8	2.8	2.8	2.8	2.8	2.80
23	C217(OS LAB)	2.8	2.8	2.8	2.8	2.8	2.80
24	C218(SE LAB)	2.8	2.8	2.8	2.8	2.8	2.80
25	C219(NUMPY LAB)	2.8	2.8	2.8	2.8	2.8	2.80
26	C221(P&S)	2.415	2.185	2.565	2.53	2.53	2.45
27	C222(DBMS)	2.625	2.5	2.25	2.75	2.4	2.49
28	C223(FLAT)	2.48	2.65	2.475	2.3	2.3	2.44
29	C224(JP)	2.75	2.75	2.66	2.705	2.54	2.67
30	C225(MEFA)	2.325	2	2.23	2.23	2.25	2.19

31	C226(DBMS LAB)	2.3	2.3	2.3	2.3	2.3	2.30
32	C227(R LAB)	3	3	3	3	3	3.00
33	C228(JP LAB)	2.22	2.15	2.3	2.3	2.3	2.26
34	C229(PANDAS LAB)	3	3	3	3	3	3.00
35	C311(CN)	2.48	2.215	2.48	2.48	2.565	2.44
36	C312(DAA)	1.7	1.93	1.95	1.965	1.615	1.85
37	C313(DWDM)	2	2	2	2.5	2.5	2.23
38	C314(IOT)	2.18	2.185	2.355	2.185	2.415	2.28
39	C315(SPM)	2.5	2.265	2.03	2.38	2.15	2.23
40	C316(DWDM LAB)	2.3	2.3	2.3	2.3	2.3	2.30
41	C317(CN LAB)	3	3	3	3	3	3.00
42	C318(DEVOPS LAB)	2.5	2.3	2.3	2.25	2.3	2.33
43	C319(INTERNSHIP)	3	3	3	3	3	3.00
44	C321(ML)	2.475	2.475	2.3	2.475	2.535	2.45
45	C322(CD)	2.2	2.45	2.4	2.4	1.9	2.28
46	C323(CNS)	2.05	1.815	2.05	1.7	1.875	1.87
47	C324(OOAD)	2.3	2.3	2.3	2.3	2.3	2.30
48	C325(FUEE)	3	3	2.3	2.3	2.3	2.52
49	C326(ML LAB)	2.33	2.67	2.33	2.33	2.33	2.41
50	C327(CD LAB)	2.3	2.3	2.3	2.3	2.3	2.30
51	C328(CNS LAB)	2.3	2.3	2.3	2.3	2.3	2.30
52	C329(MST LAB)	2.5	2.5	2.53	2.5	2.52	2.51
53	C411(CC)	2.23	2.23	2.23	2.16	2.16	2.20
54	C412(DLT)	2.65	2.65	2.65	2.72	2.72	2.68
55	C413(BCT)	2.125	2.3	1.95	1.95	1.25	1.88
56	C414(DC)	1.9	1.9	1.9	2.8	2.3	2.20
57	C415(CE)	2.3	2.3	2.3	2.3	2.3	2.30
58	C416(UHV-II)	2.23	2.23	2.23	2.16	2.16	2.20
59	C417(MST LAB)	2.3	2.5	2.5	2.5	2.5	2.46
60	C418(INTERNSHIP)	3	3	3	3	3	3.00
61	C421(PROJECT)	3	3	3	3	3	3.00

Course Outcome In Direct attainments for (2020-2024) Batch:

S NO	COURSE NAME	CO1	CO2	CO3	CO4	CO5	Average
1	C111(ENG)	2.25	2.25	2.51	2.42	2.56	2.40
2	C112(M-I)	2.6	2	2.4	2.6	2.4	2.40
3	C113(AP)	2.4	2.2	2.4	2.2	2.8	2.40

4	C114(PPSC)	2.12	2.59	2.39	2.41	2.44	2.39
5	C115(CEWS)	2	2.4	2.4	2.6	2.4	2.36
6	C116(ELCS LAB)	2.55	2.58	2.44	2.56	2.54	2.53
7	C117(AP LAB)	2	2.4	2.4	2.6	2.4	2.36
8	C118(PPSC LAB)	2	2.2	2.4	2.6	2.4	2.32
9	C121(M-II)	2.25	2.6	2.39	2.65	2.47	2.47
10	C122(AC)	2.29	2.37	2.44	2.5	2.47	2.41
11	C123(CO)	2	2.4	2.4	2.6	2.4	2.36
12	C124(PP)	2.29	2.37	2.44	2.5	2.47	2.41
13	C125DS)	2.06	2.39	2.39	2.5	2.42	2.35
14	C126(ACLAB)	2.3	2.37	2.54	2.5	2.5	2.44
15	C127(PPLAB)	2.06	2.49	2.39	2.5	2.42	2.37
16	C128(DSLAB)	2.29	2.37	2.44	2.5	2.47	2.41
17	C211(M3)	2.08	2.08	2.09	2.15	2.08	2.10
18	C212(OOPTC++)	2.04	1.89	2.15	2	1.83	1.98
19	C213(OS)	1.92	2.09	2.04	2.15	1.94	2.03
20	C214(SE)	1.98	2	1.96	1.98	2.09	2.00
21	C215(MFCS)	1.91	2	2.06	1.89	1.96	1.96
22	C216(OOPS LAB)	2.02	1.96	2.02	2.08	1.96	2.01
23	C217(OS LAB)	2.04	2.17	1.85	1.94	1.85	1.97
24	C218(SE LAB)	2.15	2.06	1.85	1.89	1.96	1.98
25	C219(NUMPY LAB)	2.15	1.98	2.02	2.13	1.91	2.04
26	C221(P&S)	1.94	2.09	1.98	2.02	1.83	1.97
27	C222(DBMS)	1.98	2.19	2	2.08	1.92	2.03
28	C223(FLAT)	2.09	2.08	1.92	2.21	1.96	2.05
29	C224(JP)	1.91	2	2.13	2.09	2.25	2.08
30	C225(MEFA)	1.96	2.02	2.13	1.92	1.89	1.98
31	C226(DBMS LAB)	1.83	1.75	1.87	2.09	2	1.91
32	C227(R LAB)	2.02	1.89	1.92	2.09	1.94	1.97
33	C228(JP LAB)	1.91	2.04	1.94	1.98	2.11	2.00
34	C229(PANDAS LAB)	1.94	2.04	1.77	2.09	2.06	1.98
35	C311(CN)	3	3	3	3	3	3.00
36	C312(DAA)	3	3	3	3	3	3.00

37	C313(DWDM)	3	3	3	3	3	3.00
38	C314(IOT)	3	3	3	3	3	3.00
39	C315(SPM)	3	3	3	3	3	3.00
40	C316(DWDM LAB)	3	3	3	3	3	3.00
41	C317(CN LAB)	3	3	3	3	3	3.00
42	C318(DEVOPS LAB)	3	3	3	3	3	3.00
43	C319(INTERNSHIP)	3	3	3	3	3	3.00
44	C321(ML)	3	3	3	3	3	3.00
45	C322(CD)	3	3	3	3	3	3.00
46	C323(CNS)	3	3	3	3	3	3.00
47	C324(OOAD)	3	3	3	3	3	3.00
48	C325(FUEE)	3	3	3	3	3	3.00
49	C326(ML LAB)	3	3	3	3	3	3.00
50	C327(CD LAB)	3	3	3	3	3	3.00
51	C328(CNS LAB)	3	3	3	3	3	3.00
52	C329(MST LAB)	3	3	3	3	3	3.00
53	C411(CC)	3	3	3	3	3	3.00
54	C412(DLT)	3	3	3	3	3	3.00
55	C413(BCT)	3	3	3	3	3	3.00
56	C414(DC)	3	3	3	3	3	3.00
57	C415(CE)	3	3	3	3	3	3.00
58	C416(UHV-II)	3	3	3	3	3	3.00
59	C417(MST LAB)	3	3	3	3	3	3.00
60	C418(INTERNSHIP)	3	3	3	3	3	3.00
61	C421(PROJECT)	3	3	3	3	3	3.00

Course Outcome overall attainments for (2020-2024) Batch:

S NO	COURSE NAME	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	OVERALL	TARGET LEVEL	STATUS ATTAINED
1	C111(ENG)	2.46	2.40	2.45	1.45	Y
2	C112(M-I)	2.00	2.40	2.08	1.8	Y
3	C113(AP)	1.67	2.40	1.81	1.64	Y
4	C114(PPSC)	2.37	2.39	2.37	1.89	Y
5	C115(CEWS)	2.20	2.36	2.23	1.89	Y

6	C116(ELCS LAB)	2.36	2.53	2.39	1.37	Y
7	C117(AP LAB)	2.44	2.36	2.42	1.8	Y
8	C118(PPSC LAB)	2.37	2.32	2.36	1.89	Y
9	C121(M-II)	2.52	2.47	2.51	2.42	y
10	C122(AC)	1.99	2.41	2.07	1.81	y
11	C123(CO)	2.19	2.36	2.22	1.87	y
12	C124(PP)	2.35	2.41	2.36	2.04	y
13	C125(DS)	2.35	2.35	2.35	2.04	y
14	C126(ACLAB)	2.09	2.44	2.16	1.8	y
15	C127(PPLAB)	2.53	2.37	2.50	2.1	y
16	C128(DSLAB)	2.69	2.41	2.64	2.1	y
17	C211(M3)	2.34	2.10	2.29	1.8	Y
18	C212(OOPTC++)	1.98	1.98	1.98	1.925	Y
19	C213(OS)	1.88	2.03	1.91	1.885	Y
20	C214(SE)	2.00	2.00	2.00	1.8	Y
21	C215(MFCS)	2.26	1.96	2.20	1.8	Y
22	C216(OOPS LAB)	2.80	2.01	2.64	2	Y
23	C217(OS LAB)	2.80	1.97	2.63	2	Y
24	C218(SE LAB)	2.80	1.98	2.64	2	Y
25	C219(NUMPY LAB)	2.80	2.04	2.65	2	Y
26	C221(P&S)	2.45	1.97	2.35	1.9	Y
27	C222(DBMS)	2.49	2.03	2.40	2.43	N
28	C223(FLAT)	2.44	2.05	2.36	1.985	Y
29	C224(JP)	2.67	2.08	2.55	1.77	Y
30	C225(MEFA)	2.19	1.98	2.15	1.8	Y
31	C226(DBMS LAB)	2.30	1.91	2.22	2	Y
32	C227(R LAB)	3.00	1.97	2.79	1.8	Y
33	C228(JP LAB)	2.26	2.00	2.21	2	Y
34	C229(PANDAS LAB)	3.00	1.98	2.80	2.15	Y
35	C311(CN)	2.44	3.00	2.55	1.8	Y
36	C312(DAA)	1.85	3.00	2.08	1.94	N
37	C313(DWDM)	2.23	3.00	2.38	1.95	Y
38	C314(IOT)	2.28	3.00	2.42	1.62	Y

39	C315(SPM)	2.23	3.00	2.38	2.04	Y
40	C316(DWDM LAB)	2.30	3.00	2.44	2	Y
41	C317(CN LAB)	3.00	3.00	3.00	1.8	Y
42	C318(DEVOPS LAB)	2.33	3.00	2.46	2	Y
43	C319(INTERNSHIP)	3.00	3.00	3.00	2	Y
44	C321(ML)	2.45	3.00	2.56	2.06	Y
45	C322(CD)	2.28	3.00	2.42	2.2375	y
46	C323(CNS)	1.87	3.00	2.10	1.86	Y
47	C324(OOAD)	2.30	3.00	2.44	1.8	**y**
48	C325(FUEE)	2.52	3.00	2.61	2.58	Y
49	C326(ML LAB)	2.41	3.00	2.53	2.39	y
50	C327(CD LAB)	2.30	3.00	2.44	1.8	y
51	C328(CNS LAB)	2.30	3.00	2.44	2	Y
52	C329(MST LAB)	2.51	3.00	2.61	2.3	y
53	C411(CC)	2.20	3.00	2.36	1.8	Y
54	C412(DLT)	2.68	3.00	2.75	1.8	Y
55	C413(BCT)	1.88	3.00	2.11	1.8	Y
56	C414(DC)	2.20	3.00	2.36	1.8	Y
57	C415(CE)	2.30	3.00	2.44	2.23	Y
58	C416(UHV-II)	2.20	3.00	2.36	1.8	Y
59	C417(MST LAB)	2.46	3.00	2.57	2	Y
60	C418(INTERNSHIP)	3.00	3.00	3.00	2	Y
61	C421(PROJECT)	3.00	3.00	3.00	2.2	Y

3.3 Attainment of Program Outcomes and Program Specific Outcomes (50) Total Marks 50.00

3.3.1 Describe the assessment tools and processes used for measuring the attainment of each of the Program Outcomes and Program Specific Outcomes (10)

Institute Marks : 10.00

A. List of assessment tools & processes (5)

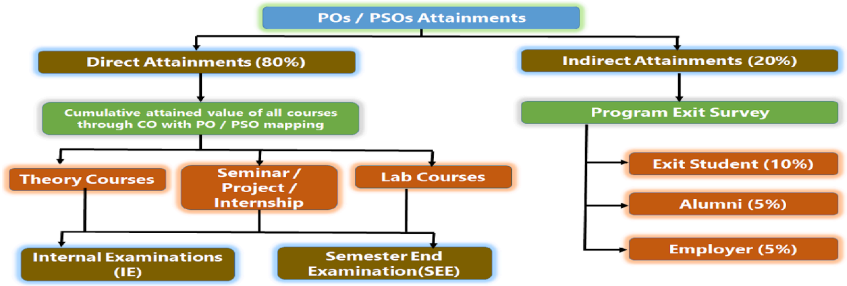
PO Assessment Procedure:

Assessment Tools and Processes

Programme outcome attainment process has been done by taking direct and indirect assessment tools.

80% of direct attainment and 20% of indirect attainment is considered for calculation of PO attainment. Direct attainment of programme outcomes and programme specific outcomes are based on the logical mapping of levels of course outcomes with programme outcomes and programme specific outcomes.

1	Assessment of COs & their Contribution to PO/PSO Attainment	80%
2	Students' Exit Survey(10%) Alumni feedback(5%) Employer feedback(5%)	20%



Direct PO Attainment Procedure:

Attainment of each PO is calculated by using the below formula

rse	COs	Attainment Weight	Attainment	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO 3
	CO1	2.38	Y	3	1	1	--	--	--	--	--	--	--	--	--	3		2
	CO2	2.38	Y	3	3	2	--	2	--	--	--	--	--	--	--	3		2
11	CO3	2.38	Y	3	3	2	--	--	--	--	--	--	--	--	--	3		2
	CO4	2.32	Y	3	2	2	-	--	--	--	--	--	--	--	--	3		2
	CO5	2.32	Y	3	2	2	--	--	--	--	--	--	--	--	--	3		2
SUM(ATTAINMENT WT*EACH PO)				35.34	25.94	21.18		4.76								35.34		23.56
SUM(ATTAINMENT WT*EACH PO)/SUM(EACH PO)				35.34/15	25.94/15	21.18/15		4.76/3								35.34/15		23.56/15
PO ATTAINMENT				2.35	1.72	1.42		1.58								2.35		1.57

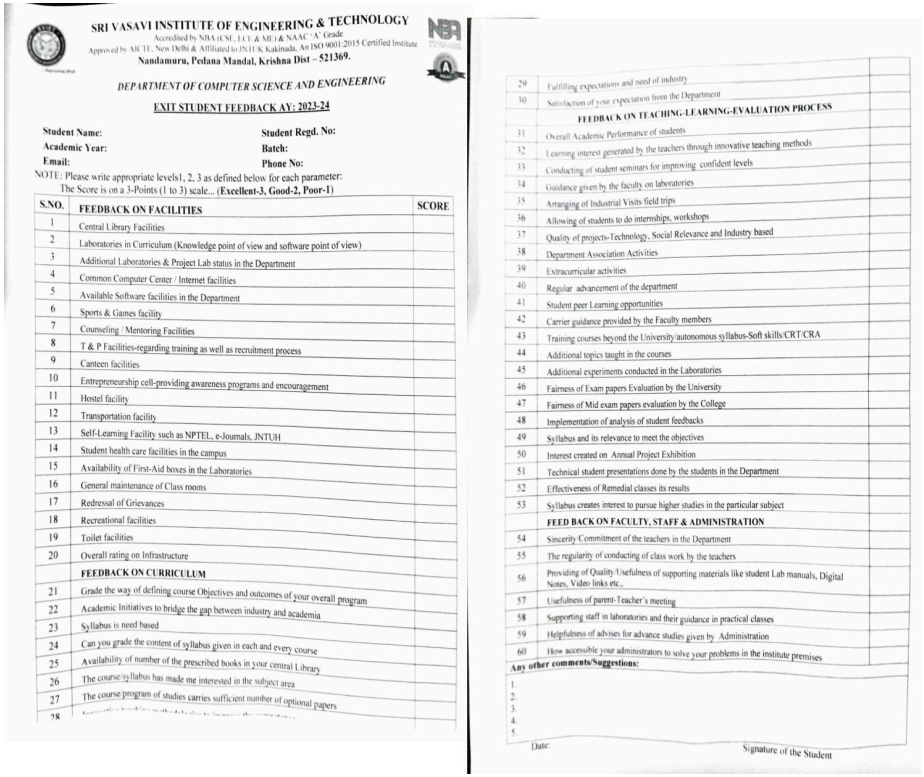
B. The quality/relevance of assessment tools/processes used (5)

Programme outcomes and programme specific outcomes Assessment process

- In each course, course outcomes are framed.
- Logical mapping of cognitive levels of corse outcomes with programme outcomes and programme specific outcomes are done.
- The weighted average correlation level is calculated for all programme outcomes and programme specific outcomes for each course based on the COs, and rounded off to nearest whole number 1, 2 or 3.
- Indirect programme outcome and programme specific outcome attainment values are estimated from exit survey
- Total programme outcome and programme specific outcome attainment value is the weighted sum of direct attainment and indirect attainment values.

Indirect PO Attainment Procedure:

1. Exit Student Feedback Form



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Nandamuru, Pedana Mandal, Krishna Dist – 521369.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXIT STUDENT FEEDBACK AY: 2023-24

Student Name: **Student Regd. No:**
Academic Year: **Batch:**
Email: **Phone No:**

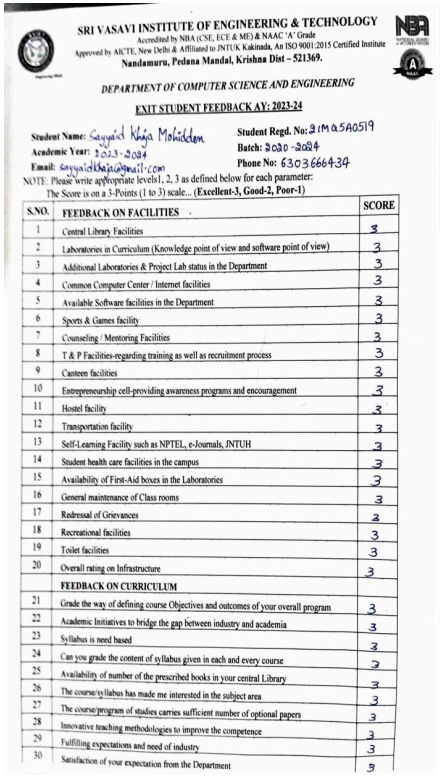
NOTE: Please write appropriate levels1, 2, 3 as defined below for each parameter:
The Score is on a 3-Points (1 to 3) scale... **(Excellent-3, Good-2, Poor-1)**

S.NO.	FEEDBACK ON FACILITIES	SCORE
1	Central Library Facilities	
2	Laboratories in Curriculum (Knowledge point of view and software point of view)	
3	Additional Laboratories & Project Lab status in the Department	
4	Common Computer Center / Internet facilities	
5	Available Software facilities in the Department	
6	Sports & Games facility	
7	Counseling / Mentoring Facilities	
8	T & P Facilities-regarding training as well as recruitment process	
9	Canteen facilities	
10	Entrepreneurship cell-providing awareness programs and encouragement	
11	Hostel facility	
12	Transportation facility	
13	Self-Learning Facility such as NPTEL, e-Journals, JNTUH	
14	Student health care facilities in the campus	
15	Availability of First-Aid boxes in the Laboratories	
16	General maintenance of Class rooms	
17	Redressal of Grievances	
18	Recreational facilities	
19	Toilet facilities	
20	Overall rating on Infrastructure	
	FEEDBACK ON CURRICULUM	
21	Grade the way of defining course Objectives and outcomes of your overall program	
22	Academic Initiatives to bridge the gap between industry and academia	
23	Syllabus is need based	
24	Can you grade the content of syllabus given in each and every course	
25	Availability of number of the prescribed books in your central Library	
26	The course/syllabus has made me interested in the subject area	
27	The course program of studies carries sufficient number of optional papers	
28		
29	Fulfilling expectations and need of industry	
30	Satisfaction of your expectation from the Department	
	FEEDBACK ON TEACHING-LEARNING-EVALUATION PROCESS	
31	Overall Academic Performance of students	
32	Learning interest generated by the teachers through innovative teaching methods	
33	Conducting of student seminars for improving confident levels	
34	Guidance given by the faculty on laboratories	
35	Arranging of Industrial Visits field trips	
36	Allowing of students to do internships, workshops	
37	Quality of projects-Technology, Social Relevance and Industry based	
38	Department Association Activities	
39	Extracurricular activities	
40	Regular advancement of the department	
41	Student peer Learning opportunities	
42	Carrier guidance provided by the Faculty members	
43	Training courses beyond the University/autonomous syllabus-Soft skills/CRT/CRA	
44	Additional topics taught in the courses	
45	Additional experiments conducted in the Laboratories	
46	Fairness of Exam papers Evaluation by the University	
47	Fairness of Mid exam papers evaluation by the College	
48	Implementation of analysis of student feedbacks	
49	Syllabus and its relevance to meet the objectives	
50	Interest created on Annual Project Exhibition	
51	Technical student presentations done by the students in the Department	
52	Effectiveness of Remedial classes its results	
53	Syllabus creates interest to pursue higher studies in the particular subject	
	FEED BACK ON FACULTY, STAFF & ADMINISTRATION	
54	Sincerity Commitment of the teachers in the Department	
55	The regularity of conducting of class work by the teachers	
56	Providing of Quality/Usefulness of supporting materials like student Lab manuals, Digital Notes, Video links etc.,	
57	Usefulness of parent-Teacher's meeting	
58	Supporting staff in laboratories and their guidance in practical classes	
59	Helpfulness of advises for advance studies given by Administration	
60	How accessible your administrators to solve your problems in the institute premises	

Any other comments/Suggestions:

1.
2.
3.
4.
5.

Date: Signature of the Student



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Nandamuru, Pedana Mandal, Krishna Dist – 521369.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXIT STUDENT FEEDBACK AY: 2023-24

Student Name: Sayyad Khaja Moiddeen
Academic Year: 2023-2024
Email: sayyadkhaja@gmail.com
Student Regd. No: 21MA5A0519
Batch: 2020-2024
Phone No: 6303666434

NOTE: Please write appropriate levels1, 2, 3 as defined below for each parameter:
The Score is on a 3-Points (1 to 3) scale... **(Excellent-3, Good-2, Poor-1)**

S.NO.	FEEDBACK ON FACILITIES	SCORE
1	Central Library Facilities	3
2	Laboratories in Curriculum (Knowledge point of view and software point of view)	3
3	Additional Laboratories & Project Lab status in the Department	3
4	Common Computer Center / Internet facilities	3
5	Available Software facilities in the Department	3
6	Sports & Games facility	3
7	Counseling / Mentoring Facilities	3
8	T & P Facilities-regarding training as well as recruitment process	3
9	Canteen facilities	3
10	Entrepreneurship cell-providing awareness programs and encouragement	3
11	Hostel facility	3
12	Transportation facility	3
13	Self-Learning Facility such as NPTEL, e-Journals, JNTUH	3
14	Student health care facilities in the campus	3
15	Availability of First-Aid boxes in the Laboratories	3
16	General maintenance of Class rooms	3
17	Redressal of Grievances	3
18	Recreational facilities	3
19	Toilet facilities	3
20	Overall rating on Infrastructure	3
	FEEDBACK ON CURRICULUM	
21	Grade the way of defining course Objectives and outcomes of your overall program	3
22	Academic Initiatives to bridge the gap between industry and academia	3
23	Syllabus is need based	3
24	Can you grade the content of syllabus given in each and every course	3
25	Availability of number of the prescribed books in your central Library	3
26	The course/syllabus has made me interested in the subject area	3
27	The course/program of studies carries sufficient number of optional papers	3
28	Innovative teaching methodologies to improve the competence	3
29	Fulfilling expectations and need of industry	3
30	Satisfaction of your expectation from the Department	3

	FEEDBACK ON TEACHING-LEARNING-EVALUATION PROCESS	
31	Overall Academic Performance of students	3
32	Learning interest generated by the teachers through innovative teaching methods	3
33	Conducting of student seminars for improving confident levels	3
34	Guidance given by the faculty on laboratories	3
35	Arranging of Industrial Visits/field trips	3
36	Allowing of students to do internships, workshops	3
37	Quality of projects-Technology, Social Relevance and Industry based	3
38	Department Association Activities	3
39	Extracurricular activities	3
40	Regular advancement of the department	3
41	Student peer Learning opportunities	3
42	Carrier guidance provided by the Faculty members	3
43	Training courses beyond the University/autonomous syllabus-Soft skills/CRT/CRA	3
44	Additional topics taught in the courses	3
45	Additional experiments conducted in the Laboratories	3
46	Fairness of Exam papers Evaluation by the University	3
47	Fairness of Mid exam papers evaluation by the College	3
48	Implementation of analysis of student feedbacks	3
49	Syllabus and its relevance to meet the objectives	3
50	Interest created on Annual Project Exhibition	3
51	Technical student presentations done by the students in the Department	3
52	Effectiveness of Remedial classes its results	3
53	Syllabus creates interest to pursue higher studies in the particular subject	3
	FEED BACK ON FACULTY, STAFF & ADMINISTRATION	
54	Sincerity/Commitment of the teachers in the Department	3
55	The regularity of conducting of class work by the teachers	3
56	Providing of Quality/Usefulness of supporting materials like student Lab manuals, Digital Notes, Video links etc.,	3
57	Usefulness of parent-Teacher's meeting	3
58	Supporting staff in laboratories and their guidance in practical classes	3
59	Helpfulness of advises for advance studies given by Administration	3
60	How accessible your administrators to solve your problems in the institute premises	3

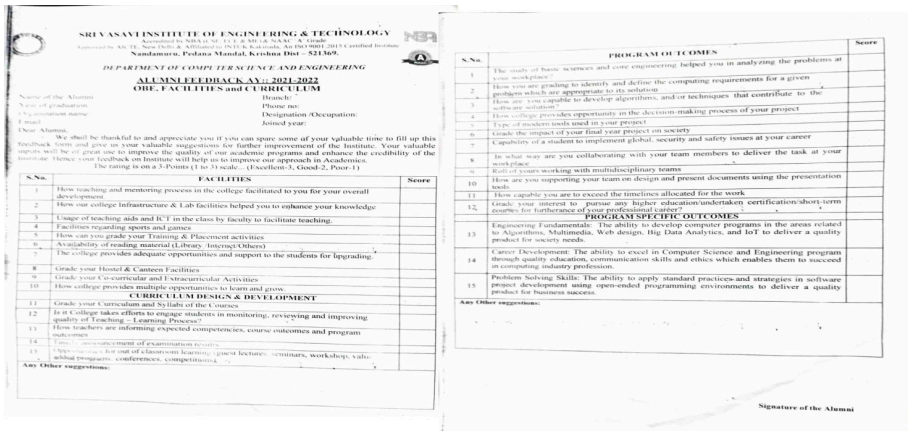
Any other comments/Suggestions:

1.
2.
3.
4.

Date: 3-5-2024

Signature of the Student Sd. Khaja.

2.Alumni feedback form:



SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY
Accredited by NBA (CSE, ECE & ME) & NAAC 'A' Grade
Approved by AICTE, New Delhi & Affiliated to JNTUK Kakinada, An ISO 9001:2015 Certified Institute
Nandamuru, Pedana Mandal, Krishna Dist – 521369.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ALUMNI FEEDBACK AY:: 2021-2022
ORE, FACILITIES and CURRICULUM

Name of the Alumni
Year of graduation
Programme name
Email
Branch:
Phone no:
Designation /Occupation:
Joined year:

Dear Alumni,

We shall be thankful to and appreciate you if you can spare some of your valuable time to fill up this feedback form and give us your valuable suggestions for further improvement of the Institute. Your valuable inputs will be of great use to improve the quality of our academic programs and enhance the credibility of the Institute. Hence your feedback on Institute will help us to improve our approach in Academics.

The rating is on a 3-Points (1 to 3) scale... (Excellent-3, Good-2, Poor-1)

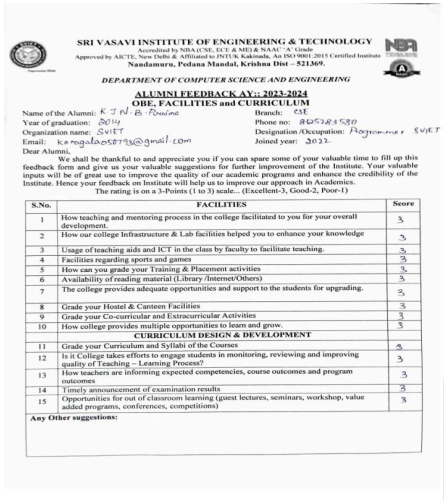
S.No.	FACILITIES	Score
1	How teaching and mentoring process in the college facilitated to you for your overall development	
2	How our college Infrastructure & Lab facilities helped you to enhance your knowledge	
3	Usage of teaching aids and ICT in the class by faculty to facilitate teaching.	
4	Facilities regarding sports and games	
5	How can you grade your Training & Placement activities	
6	Availability of reading material (Library /Internet/Others)	
7	The college provides adequate opportunities and support to the students for Upgrading.	
8	Grade your Hostel & Canteen Facilities	
9	Grade your Co-curricular and Extracurricular Activities	
10	How college provides multiple opportunities to learn and grow.	
	CURRICULUM DESIGN & DEVELOPMENT	
11	Grade your Curriculum and Syllabi of the Courses	
12	Is it College takes efforts to engage students in monitoring, reviewing and improving quality of Teaching – Learning Process?	
13	How teachers are informing expected competencies, course outcomes and program outcomes	
14	Time management of examination results	
15	Opportunities for out of classroom learning (guest lectures, seminars, workshop, valu added programs, conferences, competitions)	

Any Other suggestions:

S.No.	PROGRAM OUTCOMES	Score
1	The study of basic sciences and core engineering helped you in analyzing the problems at your workplace	
2	How you are grading to identify and define the computing requirements for a given problem which are appropriate to its solution	
3	How are you capable to develop algorithms, and/or techniques that contribute to the software solution	
4	How college provides opportunity in the decision-making process of your project	
5	Type of modern tools used in your project	
6	Grade the impact of your final year project on society	
7	Capability of a student to implement global, security and safety issues at your career	
8	In what way are you collaborating with your team members to deliver the task at your workplace	
9	Roll of yours working with multidisciplinary teams	
10	How are you supporting your team on design and present documents using the presentation tools	
11	How capable you are to exceed the timelines allocated for the work	
12	Grade your interest to pursue any higher education/undertaken certification/short-term courses for furtherance of your professional career	
	PROGRAM SPECIFIC OUTCOMES	
13	Engineering Fundamentals: The ability to develop computer programs in the areas related to Algorithms, Multimedia, Web design, Big Data Analytics, and IoT to deliver a quality product for society needs.	
14	Career Development: The ability to excel in Computer Science and Engineering program through quality education, communication skills and ethics which enables them to succeed in computing industry profession.	
15	Problem Solving Skills: The ability to apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success.	

Any Other suggestions:

Signature of the Alumni



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Nandamuru, Pedana Mandal, Krishna Dist – 521369.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ALUMNI FEEDBACK AY:: 2023-2024
OBE, FACILITIES and CURRICULUM

Name of the Alumni: K J N B Rouine
Year of graduation: 2014
Organization name: SVIET
Email: kognaladasu3736@gmail.com
Branch: CSE
Phone no: 8052821580
Designation /Occupation: Programmer, SVIET
Joined year: 2023

Dear Alumni,

We shall be thankful to and appreciate you if you can spare some of your valuable time to fill up this feedback form and give us your valuable suggestions for further improvement of the Institute. Your valuable inputs will be of great use to improve the quality of our academic programs and enhance the credibility of the Institute. Hence your feedback on Institute will help us to improve our approach in Academics.

The rating is on a 3-Points (1 to 3) scale... (Excellent-3, Good-2, Poor-1)

S.No.	FACILITIES	Score
1	How teaching and mentoring process in the college facilitated to you for your overall development.	3
2	How our college Infrastructure & Lab facilities helped you to enhance your knowledge	3
3	Usage of teaching aids and ICT in the class by faculty to facilitate teaching.	3
4	Facilities regarding sports and games	3
5	How can you grade your Training & Placement activities	3
6	Availability of reading material (Library /Internet/Others)	3
7	The college provides adequate opportunities and support to the students for upgrading.	3
8	Grade your Hostel & Canteen Facilities	3
9	Grade your Co-curricular and Extracurricular Activities	3
10	How college provides multiple opportunities to learn and grow.	3
	CURRICULUM DESIGN & DEVELOPMENT	
11	Grade your Curriculum and Syllabi of the Courses	3
12	Is it College takes efforts to engage students in monitoring, reviewing and improving quality of Teaching – Learning Process?	3
13	How teachers are informing expected competencies, course outcomes and program outcomes	3
14	Timely announcement of examination results	3
15	Opportunities for out of classroom learning (guest lectures, seminars, workshop, value added programs, conferences, competitions)	3

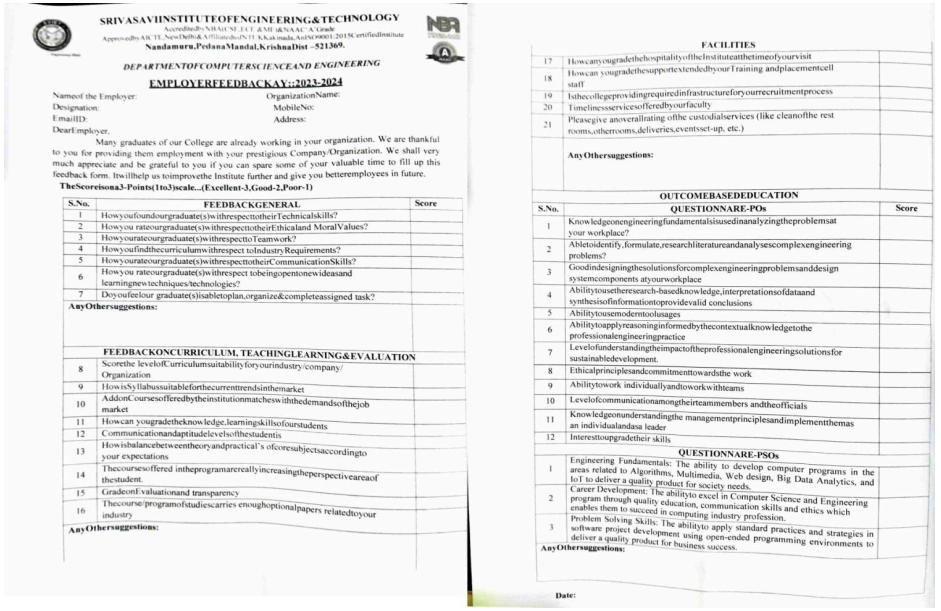
Any Other suggestions:

S.No.	PROGRAM OUTCOMES	Score
1	The study of basic sciences and core engineering helped you in analyzing the problems at your workplace?	3
2	How you are grading to identify and define the computing requirements for a given problem which are appropriate to its solution	3
3	How are you capable to develop algorithms, and/or techniques that contribute to the software solution?	3
4	How college provides opportunity in the decision-making process of your project	3
5	Type of modern tools used in your project	3
6	Grade the impact of your final year project on society	3
7	Capability of a student to implement global, security and safety issues at your career	3
8	In what way are you collaborating with your team members to deliver the task at your workplace	3
9	Roll of yours working with multidisciplinary teams	3
10	How are you supporting your team on design and present documents using the presentation tools	3
11	How capable you are to exceed the timelines allocated for the work	3
12	Grade your interest to pursue any higher education/undertaken certification/short-term courses for furtherance of your professional career?	3
	PROGRAM SPECIFIC OUTCOMES	
13	Engineering Fundamentals: The ability to develop computer programs in the areas related to Algorithms, Multimedia, Web design, Big Data Analytics, and IoT to deliver a quality product for society needs.	3
14	Career Development: The ability to excel in Computer Science and Engineering program through quality education, communication skills and ethics which enables them to succeed in computing industry profession.	3
15	Problem Solving Skills: The ability to apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success.	3

Any Other suggestions:

K. J. N. B. Rouine.
Signature of the Alumni

3.employer feedback form:



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EMPLOYER FEEDBACK AY:: 2023-2024

Name of the Employer: Organization Name:
Designation: Mobile No:
Email ID: Address:

Dear Employer,

Many graduates of our College are already working in your organization. We are thankful to you for providing them employment with your prestigious Company/Organization. We shall very much appreciate and be grateful to you if you can spare some of your valuable time to fill up this feedback form. It will help us to improve the Institute further and give you better employees in future.

The Score is on a 3-Points (1 to 3) scale...(Excellent-3, Good-2, Poor-1)

S.No.	FEEDBACK GENERAL	Score
1	How you found our graduate(s) with respect to their Technical skills?	
2	How you rate our graduate(s) with respect to their Ethical and Moral Values?	
3	How you rate our graduate(s) with respect to Teamwork?	
4	How you find the curriculum with respect to Industry Requirements?	
5	How you rate our graduate(s) with respect to their Communication Skills?	
6	How you rate our graduate(s) with respect to being open to new ideas and learning new techniques/technologies?	
7	Do you feel our graduate(s) able to plan, organize & complete assigned task?	

Any Other suggestions:

S.No.	FEEDBACK ON CURRICULUM, TEACHING LEARNING & EVALUATION	Score
8	Score the level of Curriculum suitability for your industry/company/ Organization	
9	How is Syllabus suitable for the current trends in the market	
10	Addon Courses offered by the institution matches with the demands of the job market	
11	How can you grade the knowledge, learning skills of our students	
12	Communication and aptitude levels of the students	
13	How is balance between theory and practical's of core subjects according to your expectations	
14	The courses offered in the programare really increasing the perspective area of the student.	
15	Grade on Evaluation and transparency	
16	The course/programof studies carries enough optional papers related to your industry	

Any Other suggestions:

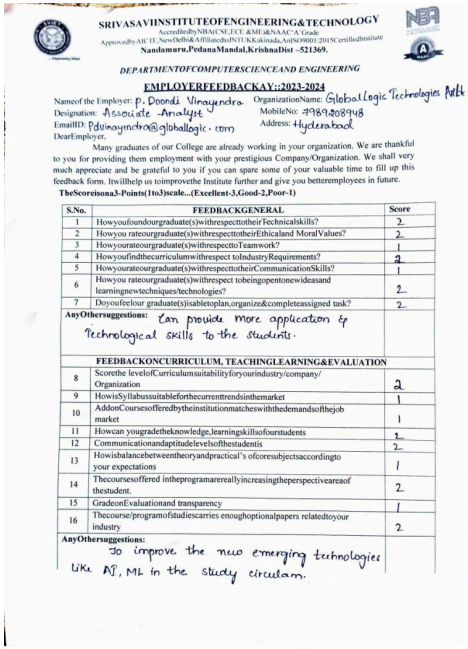
S.No.	FACILITIES	Score
17	How can you grade the hospitality of the Institute at the time of your visit	
18	How can you grade the support extended by our Training and placement cell staff	
19	Is the college providing required infrastructure for your recruitment process	
20	Timeliness services offered by our faculty	
21	Please give an overall rating of the custodial services (like clean of the rest rooms, other rooms, deliveries, event set-up, etc.)	

Any Other suggestions:

S.No.	OUTCOME BASED EDUCATION QUESTIONNARE-POs	Score
1	Knowledge on engineering fundamentals is used in analyzing the problems at your workplace?	
2	Able to identify, formulate, research literature and analyse complex engineering problems?	
3	Good in designing the solutions for complex engineering problems and design system components at your workplace	
4	Ability to use the research-based knowledge, interpretations of data and synthesis of the information to provide valid conclusions	
5	Ability to use modern tools usages	
6	Ability to apply reasoning informed by the contextual knowledge to the professional engineering practice	
7	Level of understanding the impact of the professional engineering solutions for sustainable development.	
8	Ethical principles and commitment towards the work	
9	Ability to work individually and to work with teams	
10	Level of communication among the irteammembers and the officials	
11	Knowledge on understanding the management principles and implement themas an individual and as a leader	
12	Interest to upgrade their skills	
	QUESTIONNARE-PSOs	
1	Engineering Fundamentals: The ability to develop computer programs in the areas related to Algorithms, Multimedia, Web design, Big Data Analytics, and IoT to deliver a quality product for society needs.	
2	Career Development: The ability to excel in Computer Science and Engineering program through quality education, communication skills and ethics which enables them to succeed in computing industry profession.	
3	Problem Solving Skills: The ability to apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success.	

Any Other suggestions:

Date:



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DEPARTMENTOFCOMPUTERSCIENCEAND ENGINEERING

EMPLOYERFEEDBACKAY::2023-2024

Nameof the Employer: P. Doordi Vinayendra OrganizationName: Globallogic Technologies Pvt Ltd
Designation: Associate Analyst MobileNo: 7989208948
EmailID: Pdvinayendra@globallogic.com Address: Hyderabad
DearEmployer,

Many graduates of our College are already working in your organization. We are thankful to you for providing them employment with your prestigious Company/Organization. We shall very much appreciate and be grateful to you if you can spare some of your valuable time to fill up this feedback form. Itwillhelp us toimprovethe Institute further and give you betteremployees in future.

TheScoreisona3-Points(1to3)scale...(Excellent-3,Good-2,Poor-1)

S.No.	FEEDBACKGENERAL	Score
1	Howyoufoundourgraduates(s)withrespecttotheir Technicalskills?	2
2	Howyou rateourgraduate(s)withrespecttotheirEthicaland MoralValues?	2
3	Howyourateourgraduate(s)withrespectoTeamwork?	1
4	Howyoufindthecurriculumwithrespect toIndustryRequirements?	2
5	Howyourateourgraduate(s)withrespecttotheirCommunicationSkills?	1
6	Howyou rateourgraduate(s)withrespect tobeingopentonewideasand learningnewtechniques/technologies?	2
7	Doyoufeelour graduate(s)isableto plan,organize&completeassigned task?	2
	AnyOthersuggestions: Can provide more application & Technological skills to the students.	
	FEEDBACKONCURRICULUM, TEACHINGLEARNING&EVALUATION	
8	Scorethe levelofCurriculumsuitabilityforyourindustry/company/ Organization	2
9	HowisSyllabussuitablefortherecurrenttrendsinthemarket	1
10	AddonCoursesofferedbytheinstitutionmatcheswiththedemandsofthejob market	1
11	Howcan yougradetheknowledge,learningskillsofourstudents	2
12	Communicationandaptitudelevelsofthestudentis	2
13	Howisbalancebetweentheoryandpractical's ofcoresubjectsaccordingto your expectations	1
14	Thecoursesoffered inthepromarereallyincreasingtheperspectiveareaof thestudent.	2
15	GradeonEvaluationand transparency	1
16	Thecourse/programofstudiescarries enoughoptionalpapers relatedtoyour industry	2
	AnyOthersuggestions: To improve the new emerging technologies like AI, ML in the study circulam.	

	FACILITIES	
17	Howcanyougradethehospitalityoftheinstituteatthetimeofyourvisit	2
18	Howcan yougradethesupportextendedbyourTraining andplacementcell staff	2
19	Isthecollegeprovidingrequiredinfrastructureforyourrecruitmentprocess	1
20	Timelinessservicesofferedbyourfaculty	1
21	Pleasegive anoverallrating ofthe custodialservices (like cleanofthe rest rooms,otherrooms,deliveries,eventset-up, etc.)	2
	AnyOthersuggestions:	1

	OUTCOMEBASEDEDUCATION	
S.No.	QUESTIONNARE-POs	Score
1	Knowledgeonengineeringfundamentalsisusedinanalyzingtheproblemsat your workplace?	2
2	Abletoidentify,formulate,researchliteratureandanalysescomplexengineering problems?	1
3	Goodindesigningthesolutionsforcomplexengineeringproblemsanddesign systemcomponents atyourworkplace	1
4	Abilitytousetheresearch-basedknowledge,interpretationsofdataand synthesisofinformationtoprovidevalid conclusions	2
5	Abilitytousemoderntoolsusages	2
6	Abilitytoapplyreasoninginformedbythecontextualknowledgetothe professionalengineeringpractice	2
7	Levelofunderstandingtheimpactoftheprofessionalengineeringsolutionsfor sustainabledevelopment.	1
8	Ethicalprinciplesandcommitmenttowardsthe work	2
9	Abilitytowork individuallyandtoworkwithteams	2
10	Levelofcommunicationamongtheirteammembers andtheofficials	2
11	Knowledgeonunderstandingthe managementprinciplesandimplementthemas an individualandasa leader	1
12	Interesttoupgradetheir skills	2
	QUESTIONNARE-PSOs	
1	Engineering Fundamentals: The ability to develop computer programs in the areas related to Algorithms, Multimedia, Web design, Big Data Analytics, and IoT to deliver a quality product for society needs.	2
2	Career Development: The abilityto excel in Computer Science and Engineering program through quality education, communication skills and ethics which enables them to succeed in computing industry profession.	2
3	Problem Solving Skills: The abilityto apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success.	1
	AnyOthersuggestions: To improve the course circulam awarded to the students regarded to programming skills.	

Date: Employer Signature

Overall PO Attainment:

Final POs Attainment (PO1 – PO12) = (0.8* POs Direct attainment)+(0.2* POs Indirect attainment)

3.3.2 Provide results of evaluation of PO&PSO (40)

Institute Marks : 40.00

PO Attainment

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C111	PO1	PO2	PO3	PO4	PO5	1.51	1.51	2.27	2.51	3	PO11	3
C112	3	2.08	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	1.04
C113	2.89	1.92	PO3	1.44	PO5	PO6	PO7	PO8	0.96	PO10	PO11	PO12
C114	2.69	2.44	1.96	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C115	3	1.80	PO3	PO4	1.80	PO6	PO7	PO8	2.15	PO10	PO11	2.15
C116	1.58	PO2	PO3	PO4	PO5	2.09	2.36	PO8	PO9	3	PO11	PO12
C117	2.41	1.21	PO3	2.41	2.41	PO6	PO7	PO8	3	PO10	PO11	PO12
C118	2.55	2.38	2.12	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12

C121	3	2.50	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	1.25
C122	1.09	2.18	2.18	PO4	PO5	2.18	2.72	PO8	PO9	PO10	PO11	PO12
C123	2.49	2.49	1.66	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C124	1.18	2.36	3	1.18	3	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C125	1.97	2.76	2.30	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C126	1.73	1.73	PO3	PO4	PO5	2.59	2.59	PO8	PO9	PO10	PO11	PO12
C127	1.03	2.06	3	3	3	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C128	2.35	2.61	2.93	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C211	3	2.29	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	1.14
C212	2.04	2.32	1.85	PO4	1.85	PO6	PO7	PO8	PO9	PO10	PO11	1.85
C213	1.74	1.74	2.22	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	1.93
C214	2.19	2.53	PO3	1.27	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C215	2.20	3	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	1.10
C216	2.77	2.48	2.13	PO4	3	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C217	2.26	2.51	3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C218	1.99	2.59	2.98	PO4	2.98	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C219	2.74	2.74	1.71	PO4	3	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C221	2.35	3	PO3	PO4	1.18	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C222	1.72	1.95	2.34	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C223	3	2.48	3	1.55	PO5	PO6	PO7	PO8	PO9	PO10	PO11	1.55
C224	2.44	2.44	2.28	PO4	PO5	1.96	PO7	PO8	1.96	PO10	PO11	0.98
C225	2.11	2.06	PO3	PO4	PO5	PO6	PO7	2.75	1.83	PO10	2.02	PO12
C226	1.94	2.12	2.33	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C227	2.87	3	1.43	PO4	2.87	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C228	1.99	2.98	2.98	2.98	1.49	PO6	PO7	PO8	0.99	PO10	PO11	1.99
C229	3	2.57	1.93	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C311	2.50	2.50	2.50	2.50	2.50	PO6	PO7	PO8	PO9	PO10	PO11	2.50
C312	2.15	1.98	2.48	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	1.65
C313	2.20	2.47	2.47	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C314	2.94	2.01	2.01	2.68	2.01	2.68	2.68	PO8	PO9	PO10	PO11	2.34
C315	2.05	PO2	PO3	2.05	2.72	PO6	2.05	3	PO9	PO10	PO11	PO12
C316	2.39	2.39	2.12	PO4	3	PO6	PO7	PO8	PO9	PO10	PO11	2.12
C317	3	3	3	1.50	3	PO6	PO7	PO8	PO9	PO10	PO11	PO12

C318	2.06	2.06	2.84	PO4	3	PO6	PO7	PO8	3	PO10	3	1.03
C319	3	3	3	3	3	3	3	3	3	3	3	3
C321	1.95	2.35	2.35	2.70	3	2.35	PO7	PO8	PO9	PO10	PO11	PO12
C322	2.25	2.46	2.05	PO4	2.05	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C323	2.66	2.46	2.39	PO4	PO5	2.05	PO7	PO8	PO9	PO10	PO11	1.02
C324	3	2.03	3	1.02	3	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C325	2.02	3	3	PO4	2.68	PO6	PO7	PO8	PO9	PO10	PO11	2.02
C326	2.47	2.47	2.20	PO4	3	PO6	PO7	PO8	PO9	PO10	PO11	2.20
C327	1.90	2.17	2.71	PO4	2.39	PO6	PO7	PO8	3	PO10	PO11	PO12
C328	2.68	2.68	2.68	2.68	2.68	PO6	1.79	PO8	PO9	PO10	PO11	PO12
C329	3	2.61	2.61	PO4	1.30	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C411	2.54	2.64	2.11	PO4	2.11	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C412	3	2.20	2.75	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C413	1.94	2.18	2.18	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C414	3	2.18	2.18	PO4	PO5	2.18	PO7	PO8	2.18	PO10	PO11	2.18
C415	2.55	2.65	2.12	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C416	PO1	PO2	PO3	PO4	PO5	PO6	PO7	3	PO9	2.19	PO11	PO12
C417	2.14	2.14	3	PO4	3	PO6	PO7	PO8	2.14	PO10	PO11	PO12
C418	3	3	3	3	3	3	3	3	3	3	3	3
C421	3	3	3	3	3	3	3	3	3	3	3	3
PO Attainment	2.50	2.52	2.57	2.38	2.66	2.50	2.58	2.89	2.47	2.89	2.84	2.13

PO Attainment Level

Course	**PO1**	**PO2**	**PO3**	**PO4**	**PO5**	**PO6**	**PO7**	**PO8**	**PO9**	**PO10**	**PO11**	**PO12**
Direct Attainment	2.38	2.40	2.46	2.23	2.57	2.38	2.47	2.86	2.34	2.86	2.80	1.91
InDirect Attainment	3	3	3	3	3	3	3	3	3	3	3	3

PSO Attainment

Course	**PSO1**	**PSO2**	**PSO3**
C111	PSO1	PSO2	PSO3
C112	PSO1	PSO2	PSO3
C113	PSO1	PSO2	PSO3
C114	PSO1	PSO2	PSO3
C115	2.48	PSO2	3

C116	PSO1	PSO2	PSO3
C117	PSO1	PSO2	PSO3
C118	PSO1	PSO2	PSO3
C121	PSO1	PSO2	PSO3
C122	PSO1	PSO2	PSO3
C123	3	PSO2	2
C124	2.40	3	PSO3
C125	2.38	PSO2	1.86
C126	PSO1	PSO2	PSO3
C127	2.88	3	PSO3
C128	2.24	PSO2	2.16
C211	2.40	PSO2	2.62
C212	2.57	PSO2	1.76
C213	2.28	PSO2	2.20
C214	2.20	3	PSO3
C215	2.40	PSO2	1.33
C216	2.98	PSO2	2.23
C217	2.52	PSO2	1.80
C218	3	PSO2	1.54
C219	2.11	PSO2	2.50
C221	2.40	PSO2	1.33
C222	2.96	PSO2	1.94
C223	2.03	PSO2	1.21
C224	2.47	PSO2	2
C225	2.82	PSO2	2.04
C226	2.13	PSO2	2.43
C227	2.05	0.87	1.25
C228	2.66	PSO2	1.33
C229	2.60	PSO2	2.33
C311	2.40	PSO2	2
C312	2	PSO2	3
C313	2.50	PSO2	1.96
C314	PSO1	3	3

C315	1.87	PSO2	PSO3
C316	2.30	PSO2	2
C317	1.60	PSO2	3
C318	2.39	PSO2	2
C319	3	3	3
C321	1.73	PSO2	2.49
C322	2.30	PSO2	2.38
C323	2.48	PSO2	2.17
C324	1.92	PSO2	3
C325	PSO1	1.98	PSO3
C326	2.76	PSO2	2
C327	2.50	PSO2	2.10
C328	2.83	3	3
C329	2	PSO2	2.30
C411	2.23	PSO2	1.92
C412	2	PSO2	3
C413	2.50	PSO2	1.96
C414	2.17	PSO2	2.76
C415	2.30	1.57	PSO3
C416	2.50	PSO2	PSO3
C417	2.67	PSO2	2.40
C418	3	3	3
C421	3	3	3
PSO Attainment	2.50	2.52	2.38

PSO Attainment Level

Course	**PSO1**	**PSO2**	**PSO3**
Direct Attainment	2.43	2.58	2.23
InDirect Attainment	2.8	2.3	3

4 STUDENTS' PERFORMANCE (150) Total Marks 105.85

:

Table 4.1

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	2024-25 (CAY)	2023-24 (CAYm1)	2022-23(CAYm2)	2021-22(CAYm3)	2020-21(CAYm4)	2019-20 (CAYm5)	2018-19 (CAYm6)
Sanctioned intake of the program(N)	240	240	180	120	120	120	120
Total number of students admitted in first year minus number of students migrated to other programs/ institutions plus No. of students migrated to this program (N1)	219	240	177	120	107	115	114
Number of students admitted in 2nd year in the same batch via lateral entry (N2)	0	24	19	21	21	19	3
Separate division students, If applicable (N3)	0	0	0	0	0	0	0
Total number of students admitted in the programme(N1 + N2 + N3)	219	264	196	141	128	134	117

Table 4.2

Year of entry	Total No of students admitted in the program (N1 + N2 + N3)	Number of students who have successfully graduated without backlogs in any semester/ year of study (Without Backlog means no compartment or failures in any semester/ year of study)			
		I year	II year	III year	IV year
2024-25 (CAY)	219	0	0	0	0
2023-24 (CAYm1)	264	133	0	0	0
2022-23 (CAYm2)	196	70	64	0	0
2021-22 (CAYm3)	141	45	35	35	0
2020-21 (LYG)	128	70	65	60	51
2019-20 (LYGm1)	134	50	38	33	30
2018-19 (LYGm2)	117	75	72	58	39

Table 4.3

Year of entry	Total No of students admitted in the program (N1 + N2 + N3)	Number of students who have successfully graduated in stipulated period of study) [Total of with Backlog + without Backlog]			
		I year	II year	III year	IV year
2024-25 (CAY)	219	0	0	0	0
2023-24 (CAYm1)	264	240	0	0	0
2022-23 (CAYm2)	196	177	195	0	0
2021-22 (CAYm3)	141	119	139	133	0
2020-21 (LYG)	128	106	125	121	103
2019-20 (LYGm1)	134	114	130	128	92
2018-19 (LYGm2)	117	114	113	111	85

4.1 Enrolment Ratio (20)

Total Marks 20.00

Institute Marks : 20.00

	N (From Table 4.1)	N1 (From Table 4.1)	Enrollment Ratio [(N1/N)*100]
2024-25 (CAY)	240	219	91.25
2023-24 (CAYm1)	240	240	100.00
2022-23 (CAYm2)	180	177	98.33

Average [(ER1 + ER2 + ER3) / 3] : 96.53

Assessment : 20.00

4.2 Success Rate in the stipulated period of the program (40)

Total Marks 19.10

4.2.1 Success rate without backlogs in any semester / year of study (25)

Institute Marks : 8.00

Item	Latest Year of Graduation, LYG (2020-21)	Latest Year of Graduation minus 1, LYGm1 (2019-20)	Latest Year of Graduation minus 2 LYGm2 (2018-19)
X Number of students admitted in the corresponding First year + admitted in 2nd year via lateral entry and seperated division, if applicable	128.00	134.00	117.00
Y Number of students who have graduated without backlogs in the stipulated period	51.00	30.00	39.00
Success Index [SI = Y / X]	0.40	0.22	0.33

Average SI [(SI1 + SI2 + SI3) / 3] : 0.32

Assessment [25 * Average SI] : 8.00

4.2.2 Sucess rate in stipulated period (15)

Institute Marks : 11.10

Item	Latest Year of Graduation, LYG (2020-21)	Latest Year of Graduation minus 1, LYGm1 (2019-20)	Latest Year of Graduation minus 2 LYGm2 (2018-19)
X Number of students admitted in the corresponding First year + admitted in 2nd year via lateral entry and seperated division, if applicable	128.00	134.00	117.00
Y Number of students who have graduated in the stipulated period	103.00	92.00	85.00
Success Index [SI = Y / X]	0.80	0.69	0.73

Average SI[(SI1 + SI2 + SI3) / 3]: 0.74

Assessment [15 * Average SI] : 11.10

Note : If 100% students clear without any backlog then also total marks scored will be 40 as both 4.2.1 & 4.2.2 will be applicable simultaneously.

4.3 Academic Performance in Third Year (15)

Total Marks 11.34

Institute Marks : 11.34

Academic Performance	CAYm3 (2021-22)	LYG (2020-21)	LYGm1 (2019-20)
Mean of CGPA or mean percentage of all successful students(X)	8.20	7.80	7.38
Total number of successful students(Y)	133.00	121.00	128.00
Totalnumber of students appeared in the examination(Z)	139.00	125.00	130.00
API [X*(Y/Z)]:	7.85	7.55	7.27

Average API [(AP1 + AP2 + AP3)/3] : 7.56

Assessment [1.5 * AverageAPI] : 11.34

4.4 Academic Performance in Second Year (15)

Total Marks 11.14

Institute Marks : 11.14

Academic Performance	CAYm2 (2022-23)	CAYm3 (2021-22)	LYG (2020-21)
Mean of CGPA or mean percentage of all successful students(X)	7.60	7.34	7.56
Total number of successful students (Y)	195.00	139.00	125.00
Total number of students appeared in the examination (Z)	196.00	140.00	127.00
API [X * (Y/Z)]	7.56	7.29	7.44

Average API [(AP1 + AP2 + AP3)/3] : 7.43

Assessment [1.5 * AverageAPI] : 11.14

4.5 Placement, Higher Studies and Entrepreneurship (40)

Total Marks 24.27

Institute Marks : 24.27

Item	LYG (2020-21)	LYGm1 (2019-20)	LYGm2 (2018-19)
Total No of Final Year Students(N)	121.00	128.00	111.00
No of students placed in the companies or government sector(X)	63.00	57.00	85.00
No of students admitted to higher studies with valid qualifying scores(GATE or equivalent State or National Level tests, GRE, GMAT etc.) (Y)	2.00	7.00	2.00
No of students turned entrepreneur in engineering/technology (Z)	0.00	0.00	0.00
x + y + z =	65.00	64.00	87.00
Placement Index [(X+Y+Z)/N] :	0.54	0.50	0.78

Average Placement [(P1 + P2 + P3)/3] : 0.61

Assessment [40 * Average Placement] : 24.27

Program Name : Mechanical Engineering
Assessment Year Name : CAYm1

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	Bolem Lakshmi Meghana	20MQ1A0507	upstartix innovations private limited	UIPL/2024/165
2	Dasyam Chaitanya	20MQ1A0508	upstartix innovations private limited	UIPL/2024/759
3	Emana Sruthi Bhavani	20MQ1A0511	upstartix innovations private limited	UIPL/2024/365
4	Janyavula Sai Durga	20MQ1A0512	upstartix innovations private limited	UIPL/2024/945
5	Kagga Thanuja Adilakshmi	20MQ1A0514	upstartix innovations private limited	UIPL/2024/465
6	Kolasani Mounika	20MQ1A0517	upstartix innovations private limited	UIPL/2024/759
7	Kunda Lakshmi Syamala	20MQ1A0518	NIYO FARM TECH PRIVATE LIMITED	NFTPL/2024/965
8	Matta Naga Sri	20MQ1A0520	ALIEN INNOVATIONS Private limited	AIPL/2024/008
9	Mekala Indusri Naidu	20MQ1A0521	ALIEN INNOVATIONS Private limited	AIPL/2024/158
10	M N Vijaya Kumari	20MQ1A0522	Manjha Technologies pvt ltd	MTPL/2024/798
11	Keerthana Chandrika	20MQ1A0558	Accenture	C08140434
12	Mohammed Haseena	20MQ1A0575	Accenture	SVIET/CSE/PLACEMENTS/23-24/01
13	Nandini Lakshmi Dusnapudi	20MQ1A0509	Excelr	SVIET/CSE/PLACEMENTS/23-24/02
14	Dusnapudi Pavani	20MQ1A0510	Excelr	SVIET/CSE/PLACEMENTS/23-24/03
15	Likitha Vulli	20MQ1A0533	Excelr	SVIET/CSE/PLACEMENTS/23-24/04
16	Hemanth Sai Talupula	20MQ1A0551	Excelr	SVIET/CSE/PLACEMENTS/23-24/05
17	Dintakurthi Gayathri	20MQ1A0559	Excelr	SVIET/CSE/PLACEMENTS/23-24/06
18	Chishma Gandham	20MQ1A0561	Excelr	SVIET/CSE/PLACEMENTS/23-24/07
19	Haleema Bee	20MQ1A0565	Excelr	SVIET/CSE/PLACEMENTS/23-24/08
20	Nalluri Chandana	20MQ1A0576	Excelr	SVIET/CSE/PLACEMENTS/23-24/09
21	Padmanabhuni Sri Dhanya	20MQ1A0577	Excelr	SVIET/CSE/PLACEMENTS/23-24/10
22	Dhana Surya Raja	20MQ1A0591	Excelr	SVIET/CSE/PLACEMENTS/23-24/11
23	Sree Vamsi Kunche	20MQ1A0595	Excelr	SVIET/CSE/PLACEMENTS/23-24/12
24	Gundrapu Sai Teja Kumari	21MQ5A0513	Excelr	SVIET/CSE/PLACEMENTS/23-24/13
25	Doondi Vinayendra Podugu	20MQ1A05A0	GlobalLogic	SVIET/CSE/PLACEMENTS/23-24/14
26	Akash Vankayala	20MQ1A05A5	GlobalLogic	SVIET/CSE/PLACEMENTS/23-24/15
27	Abdul Shamshad	20MQ1A0501	GlobalLogic	SVIET/CSE/PLACEMENTS/23-24/16
28	Kesava Harshitha Balabhadra	20MQ1A0505	GlobalLogic	SVIET/CSE/PLACEMENTS/23-24/17
29	Jonnalagadda Harika	20MQ1A0513	GlobalLogic	SVIET/CSE/PLACEMENTS/23-24/18
30	Karamsetty Pujitha	20MQ1A0515	GlobalLogic	SVIET/CSE/PLACEMENTS/23-24/19
31	Lingam Madhu Sumasri	20MQ1A0519	GlobalLogic	SVIET/CSE/PLACEMENTS/23-24/20
32	PDVK Padmavathi	20MQ1A0528	GlobalLogic	SVIET/CSE/PLACEMENTS/23-24/21

33	Kurapati V B Chandrasekhar	20MQ1A0546	GlobalLogic	SVIET/CSE/PLACEMENTS/23-24/22
34	VNVS Nishanth	20MQ1A0552	GlobalLogic	SVIET/CSE/PLACEMENTS/23-24/23
35	Bodasinguru Vani	20MQ1A0556	GlobalLogic	SVIET/CSE/PLACEMENTS/23-24/24
36	Golla Divya	20MQ1A0563	GlobalLogic	SVIET/CSE/PLACEMENTS/23-24/25
37	Pravallica	20MQ1A0566	GlobalLogic	SVIET/CSE/PLACEMENTS/23-24/26
38	Laxmi Siani Kruthiventi	20MQ1A0570	GlobalLogic	SVIET/CSE/PLACEMENTS/23-24/27
39	Manigandia Supriya	20MQ1A0573	GlobalLogic	SVIET/CSE/PLACEMENTS/23-24/28
40	Gayatri Devi	20MQ1A0574	GlobalLogic	SVIET/CSE/PLACEMENTS/23-24/29
41	Pitchuka Somasri	20MQ1A0579	GlobalLogic	SVIET/CSE/PLACEMENTS/23-24/30
42	Sreeya Gayathri Vanka	20MQ1A0583	GlobalLogic	SVIET/CSE/PLACEMENTS/23-24/31
43	Veena Tejavothi Lakshmi	20MQ1A0584	GlobalLogic	SVIET/CSE/PLACEMENTS/23-24/32
44	Rahul Chittibomma	20MQ1A0589	GlobalLogic	SVIET/CSE/PLACEMENTS/23-24/33
45	Katta Naga Avinash	20MQ1A0594	GlobalLogic	SVIET/CSE/PLACEMENTS/23-24/34
46	Nagamalla Durga Prasad	20MQ1A0598	GlobalLogic	SVIET/CSE/PLACEMENTS/23-24/35
47	Naragani Sudarshan	20MQ1A0599	GlobalLogic	SVIET/CSE/PLACEMENTS/23-24/36
48	Kavya Mathi	21MQ5A0515	GlobalLogic	SVIET/CSE/PLACEMENTS/23-24/37
49	Sayyaid khazar Mohiddin	21MQ5A0519	GlobalLogic	SVIET/CSE/PLACEMENTS/23-24/38
50	Angadala Dinesh Venkata Siva Sai Teja	20MQ1A0586	GlobalLogic	SVIET/CSE/PLACEMENTS/23-24/39
51	Anagani Abhinay	20MQ1A0535	Palle Technologies	SVIET/CSE/PLACEMENTS/23-24/40
52	Prathi Giridhara Sai Vignesh	20MQ1A0550	Surya Tech Solutions	STS-Id: 202401786
53	Akurathi chandra sekhar	20MQ1A0534	Surya Tech Solutions	STS-Id: 202401763
54	Jalla Tarun	20MQ1A0544	Surya Tech Solutions	STS-Id: 202401777
55	Kagitha Naveen	20MQ1A0547	Surya Tech Solutions	STS-Id: 202401778
56	Lanke Hema Sundar	20MQ1A0596	Surya Tech Solutions	STS-Id: 202401768
57	Seelam Preetham	20MQ1A05A3	Surya Tech Solutions	STS-Id: 202401776
58	Shaik Shabuddin	20MQ1A05A4	Surya Tech Solutions	STS-Id: 202401771
59	Rachakula Abdul Meeraz	20MQ1A05A1	Surya Tech Solutions	STS-Id: 202401774
60	Alla Sai Rohitha	20MQ1A0502	Criztone Technology Private Limited	CTPL/2024/465
61	Bali Poorvaja	20MQ1A0503	upstartix innovations private limited	UIPL/2024/123
62	Bandi Naga Venkata Praneeta	20MQ1A0504	upstartix innovations private limited	UIPL/2024/002
63	Tummala Sreyaja Kusuma	20JM1A0503	BIST TECHNOLOGIES PVT LTD	BIST/2024/559

Assessment Year Name : CAYm2

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	KATAKAM SRAVYA	19MQ1A0509	Accenture	C11897246
2	PODUGU ANUSHA	19MQ1A0524	UTS	UTS/MAY/23/11
3	SUKARA PAVANI	19MQ1A0529	WIPRO	2709153
4	AKULA RAGAMIE	19MQ1A0556	ACCENTURE	SVIET/PLACEMENTS/CSE/2022-23-01
5	SOMA SURYA POTHURU	19MQ1A05A8	WIPRO	SVIET/PLACEMENTS/CSE/2022-23-02
6	P.VEERA VENKATA SAIBABU	20MQ5A0516	WIPRO	SVIET/PLACEMENTS/CSE/2022-23-03
7	KOLUSU DINESH KRISHNA SAI	19MQ1A0599	VALUE LABS	VLI/17232A124
8	T BALA TEJASWINI SRIJA	19MQ1A0532	INTELLIPAT	SVIET/PLACEMENTS/CSE/2022-23-04
9	MOHAMMED HYDER ABBAS	20MQ5A0511	TCS	SVIET/PLACEMENTS/CSE/2022-23-05
10	KAZA LALITHA MADHURI	19MQ1A0511	JHAISHNA TECHNOLOGIES	SVIET/PLACEMENTS/CSE/2022-23-06
11	GUNDU DURGA BHAVANI	19MQ1A0507	JHAISHNA TECHNOLOGIES	SVIET/PLACEMENTS/CSE/2022-23-07
12	PANDI GOVINDAMMA	19MQ1A0576	JHAISHNA TECHNOLOGIES	SVIET/PLACEMENTS/CSE/2022-23-08
13	PULI RAKSHITHA	19MQ1A0579	JHAISHNA TECHNOLOGIES	SVIET/PLACEMENTS/CSE/2022-23-09
14	UBEDUNNISA	19MQ1A0586	JHAISHNA TECHNOLOGIES	SVIET/PLACEMENTS/CSE/2022-23-10
15	V N V S PAVAN KUMAR	20MQ5A0517	JHAISHNA TECHNOLOGIES	SVIET/PLACEMENTS/CSE/2022-23-11
16	PAMARTHI SRAVANI	19MQ1A0575	JHAISHNA TECHNOLOGIES	SVIET/PLACEMENTS/CSE/2022-23-12
17	T CHANDRIKA BABY	19MQ1A0531	JHAISHNA TECHNOLOGIES	SVIET/PLACEMENTS/CSE/2022-23-13
18	METLA DEEKSHIKA NAIDU	19MQ1A0518	JHAISHNA TECHNOLOGIES	SVIET/PLACEMENTS/CSE/2022-23-14
19	P HANUSHA SATYA	19MQ1A0522	JHAISHNA TECHNOLOGIES	SVIET/PLACEMENTS/CSE/2022-23-15
20	MOHAMMED KHALEEL	19MQ1A0545	SAVANTIS	SVIET/PLACEMENTS/CSE/2022-23-16
21	BANTUPALLI HIMAJA	19MQ1A0558	WIPRO	SVIET/PLACEMENTS/CSE/2022-23-17
22	KONAKALLA GEETHA SREE	19MQ1A0565	SAVANTIS	SVIET/PLACEMENTS/CSE/2022-23-18
23	PUPPALA PRIYANKA	19MQ1A0580	SAVANTIS	SVIET/PLACEMENTS/CSE/2022-23-19
24	GOWRISETTY KIRAN KUMAR	19MQ1A0595	SAVANTIS	SVIET/PLACEMENTS/CSE/2022-23-20
25	JAYA NAGA VENKATA SUDHEER THOTA	19MQ1A0551	SAVANTIS	SVIET/PLACEMENTS/CSE/2022-23-21
26	ABDUL RAHEEM	19MQ1A0591	SURYATECH SOLUTIONS	SVIET/PLACEMENTS/CSE/2022-23-22
27	CH NARENDRA	20MQ5A0508	SURYATECH SOLUTIONS	SVIET/PLACEMENTS/CSE/2022-23-23
28	J RAJESH	20MQ5A0510	SURYATECH SOLUTIONS	SVIET/PLACEMENTS/CSE/2022-23-24
29	K REVATHI	19MQ1A0513	SVIET	SVIET/PLACEMENTS/CSE/2022-23-25
30	MUSHARAFUNNISA	19MQ1A0574	SVIET	SVIET/PLACEMENTS/CSE/2022-23-26
31	BORRA GUNA SANTHI	19MQ1A0557	NEROPINE	SVIET/PLACEMENTS/CSE/2022-23-27
32	KOSANAM TANUJA	19MQ1A0567	PRUDENT GLOBAL TECH SOLUTIONS	SVIET/PLACEMENTS/CSE/2022-23-28

33	VADLAMUDI MOUNIKA	19MQ1A0534	SWIFT STAFFING SOLUTIONS	SVIET/PLACEMENTS/CSE/2022-23-29
34	KONA ANU	19MQ1A0562	CONCENTRIX	SVIET/PLACEMENTS/CSE/2022-23-30
35	KRUTHIVENTI SAI TEJASWI	19MQ1A0564	DAZN SOLUTIONS	SVIET/PLACEMENTS/CSE/2022-23-31
36	T SATYA SINDHU	19MQ1A0533	ZARAVYA SOLUTIONS	SVIET/PLACEMENTS/CSE/2022-23-32
37	G LUMBIKA NAGA BHAVANI PADMA	19MQ1A0560	VASISTA TECHNOLOGIES	SVIET/PLACEMENTS/CSE/2022-23-33
38	T ROOPA SRI	19MQ1A0584	VASISTA TECHNOLOGIES	SVIET/PLACEMENTS/CSE/2022-23-34
39	SRAVYA SRI SOMU	19MQ1A0528	SPRYPLEHR	SVIET/PLACEMENTS/CSE/2022-23-35
40	NOSHINI PUPPALA	19MQ1A0525	SPRYPLEHR	SVIET/PLACEMENTS/CSE/2022-23/36
41	VATALA CHAKRAVARTHY	19MQ1A05B3	iTALENT DIGITAL	SVIET/PLACEMENTS/CSE/2022-23-36
42	NAGA MURALI PANDI	19MQ1A05A7	DECCANSOFT SOFTWARE SERVICES PRIVATE LIMITED	SVIET/PLACEMENTS/CSE/2022-23-37
43	PADMANABHUNI RUKKMINI KALYANI	19MQ1A0521	CRIZTONE TECHNOLOGY PRIVATE LIMITED	CRZ/2023/112
44	PUPPALA DURGA DEEKSHITHA	19MQ1A0523	CRIZTONE TECHNOLOGY PRIVATE LIMITED	CRZ/2023/10
45	TADEPALLI MEHER LAKSHMI SNEHITA	19MQ1A0530	CRIZTONE TECHNOLOGY PRIVATE LIMITED	CRZ/2023/99
46	KOKKILIGADDA AJAY VARDHAN	19MQ1A0541	NIYO FARM TECH PRIVATE LIMITED	NPTPL/2023/536
47	MAKARLA JESWANTH	19MQ1A0543	NIYO FARM TECH PRIVATE LIMITED	NPTPL/2023/056
48	JALASUTRAM YAMINI	19MQ1A0561	NIYO FARM TECH PRIVATE LIMITED	NPTPL/2023/635
49	MUKKU NANDINI	19MQ1A0571	ALIEN INNOVATIONS PRIVATE LIMITED	AIPL/2023/444
50	ANNAM NAGA VANKATA DEEPAK	19MQ1A0588	ALIEN INNOVATIONS PRIVATE LIMITED	AIPL/2023/156
51	ANAGANI SIVA SUBRAHMANYAM	19MQ1A0589	ALIEN INNOVATIONS PRIVATE LIMITED	AIPL/2023/245
52	ABDUL SAMEER	19MQ1A0590	MANJHA TECHNOLOGIES PVT LTD	MTPL/2023/163
53	UPPALA TARUN	19MQ1A05B1	MANJHA TECHNOLOGIES PVT LTD	MTPL/2023/175
54	VADDI LOK KIRAN	19MQ1A05B2	MANJHA TECHNOLOGIES PVT LTD	MTPL/2023/143
55	ALLURI LASYA	19MQ1A0501	BIST TECHNOLOGIES PVT LTD	BIST/2023/105
56	BYSANI YAMINI RAMA SREE MANVITHA	19MQ1A0504	BIST TECHNOLOGIES PVT LTD	BIST/2023/106
57	MERIMI MONIKA	19MQ1A0516	BIST TECHNOLOGIES PVT LTD	BIST/2023/107

Assessment Year Name : CAYm3

S.No	Student Name	Enrollment No	Employee Name	Appointment No
1	J JYOSHNA	18MQ1A0511	TCS	TCSL/DD20218196613
2	BHAVYA NARAGAM	18MQ1A0522	PERSISTENT	1630860/3.0
3	NIMMAGADDA SAI BHAVANA	18MQ1A0523	JMAN	JMD/INH/2021-22/002
4	P TEJESWARI	18MQ1A0526	Capgemini	1717226
5	R.YAMINI	18MQ1A0529	Capgemini	1588313
6	K.RAVI TEJA REDDY	18MQ1A0546	Capgemini	1545611
7	N RAJESH SIVA VENKATA KUMAR	18MQ1A0553	TCS	TCSL/DT20206860349
8	KOLAPALLI SHARMILA	18MQ1A0569	Infosys	1003333561/22-23
9	K MOULIKA	18MQ1A0571	TCS	TCSL/DT20218304557
10	NALLAGANCHU.SUSMITHA	18MQ1A0578	TCS	TCSL/DT20218155820
11	N RADHIKA	18MQ1A0579	Capgemini	1593235
12	P.GEETHIKA	18MQ1A0582	Capgemini	1491130
13	HARSHAVAMSI KALIPATNAPU	18MQ1A05A5	TCS	TCSL/DT20218179000
14	CH SHANMUKHI	19MQ5A0501	TCS	TCSL/DT20218190922
15	PUPPALA BHANU NAGA SREE	18MQ1A0527	Mindtree	TN/80030428/22
16	S VISHAL ANSHU BABU	18MQ1A0556	Mindtree	D248BD10/86B0
17	TRIPURANENI POOJA SRI	18MQ1A0533	Mindtree	TN/80025257/21
18	UZMA	18MQ1A0534	Mindtree	TN/80029212/22
19	CH PURNA SAI HARSHA	18MQ1A05A2	Mindtree	TN/80029897/22
20	A SOWMYA	18MQ1A0502	Wipro	SVIET/CSE/PLACEMENTS/21-22/01
21	A VASAVI	18MQ1A0503	Wipro	SVIET/CSE/PLACEMENTS/21-22/02
22	HUMERA FATHIMA	18MQ1A0510	Wipro	SVIET/CSE/PLACEMENTS/21-22/03
23	MATTA PUJITHA	18MQ1A0519	Wipro	SVIET/CSE/PLACEMENTS/21-22/04
24	MERUGUMALA NAVYA SRI VENI	18MQ1A0520	Wipro	SVIET/CSE/PLACEMENTS/21-22/05
25	P.KAVYA SREE	18MQ1A0528	Wipro	SVIET/CSE/PLACEMENTS/21-22/06
26	S.KEERTHI	18MQ1A0531	Wipro	SVIET/CSE/PLACEMENTS/21-22/07
27	M PRANEETH KUMAR	18MQ1A0549	Wipro	SVIET/CSE/PLACEMENTS/21-22/08
28	NALLAMOTHU AMINASH	18MQ1A0552	Wipro	SVIET/CSE/PLACEMENTS/21-22/09
29	K VENKATA LAKSHMI	18MQ1A0570	Wipro	SVIET/CSE/PLACEMENTS/21-22/10
30	K YAGNASREE	18MQ1A0572	Wipro	SVIET/CSE/PLACEMENTS/21-22/11
31	K.SRAVYA	18MQ1A0574	Wipro	SVIET/CSE/PLACEMENTS/21-22/12
32	M. ROSHINI	18MQ1A0576	Wipro	SVIET/CSE/PLACEMENTS/21-22/13

33	P.HEMA LATHA	18MQ1A0581	Wipro	SVIET/CSE/PLACEMENTS/21-22/14
34	PATTAPU DIVYA SREE	18MQ1A0583	Wipro	SVIET/CSE/PLACEMENTS/21-22/15
35	P BHAVYA	18MQ1A0587	Wipro	SVIET/CSE/PLACEMENTS/21-22/16
36	S SOWMYA	18MQ1A0588	Wipro	SVIET/CSE/PLACEMENTS/21-22/17
37	T GEETHA SREE	18MQ1A0592	Wipro	SVIET/CSE/PLACEMENTS/21-22/18
38	TOTAKURA SRI SRAVANI	18MQ1A0593	Wipro	SVIET/CSE/PLACEMENTS/21-22/19
39	Y SOWJANYA	18MQ1A0595	Wipro	SVIET/CSE/PLACEMENTS/21-22/20
40	Y ANUSHA	18MQ1A0596	Wipro	SVIET/CSE/PLACEMENTS/21-22/21
41	Y THANUSHA	18MQ1A0598	Wipro	SVIET/CSE/PLACEMENTS/21-22/22
42	Y KUMAR SAI	18MQ1A05B4	Wipro	SVIET/CSE/PLACEMENTS/21-22/23
43	NARIKIMILLI SRIHARI	19MQ5A0502	Wipro	SVIET/CSE/PLACEMENTS/21-22/24
44	J BHUMIKA	18MQ1A0512	Hexaware	SVIET/CSE/PLACEMENTS/21-22/25
45	GUDIVADA CHANDRA GUPTA	18MQ1A0543	Hexaware	SVIET/CSE/PLACEMENTS/21-22/26
46	K.NAGA BHAVANI	18MQ1A0514	DHL	SVIET/CSE/PLACEMENTS/21-22/27
47	ROSHITHA NALLAMOTHU	18MQ1A0521	ATOS	SVIET/CSE/PLACEMENTS/21-22/28
48	NITTA KESAVA	18MQ1A0555	Sopra Steria	SVIET/CSE/PLACEMENTS/21-22/29
49	M.DURGA PRASAD	18MQ1A05A9	Wipro	SVIET/CSE/PLACEMENTS/21-22/30
50	S.N.Vyshnavi	18MQ1A0589	Nagarro	SVIET/CSE/PLACEMENTS/21-22/31
51	KOTAPROLU CHANDU PRIYA	18MQ1A0573	PUPILS SOFTWARE PRIVATE LTD	SVIET/CSE/PLACEMENTS/21-22/32
52	D HARIKA	18MQ1A0506	Harman	SVIET/CSE/PLACEMENTS/21-22/33
53	SRI SAI KRISHNA KOTTE	18MQ1A0547	Harman	SVIET/CSE/PLACEMENTS/21-22/34
54	M. DURGA ANURADHA	18MQ1A0518	Deloite	SVIET/CSE/PLACEMENTS/21-22/35
55	YAKKATI RAMYA SREE	18MQ1A0536	Infosys	SVIET/CSE/PLACEMENTS/21-22/36
56	YASAM DHANA LAKSHMI	18MQ1A0537	Wipro	SVIET/CSE/PLACEMENTS/21-22/37
57	P DHARAHASINI	18MQ1A0586	Wipro	SVIET/CSE/PLACEMENTS/21-22/38
58	Y SUJITHA	18MQ1A0597	Infosys	SVIET/CSE/PLACEMENTS/21-22/39
59	NITTA HARIKA	18MQ1A0580	SAGE IT	SIT/HR/OL/2022-23
60	KOTAPROLU JAGADEESH	18MQ1A05A7	Genamplify Solutions Hub	GSH/IT-00428
61	HARSHITHA VADDI	18MQ1A0509	Criztone Technology Private Limited	CTPL/2022/564
62	KOLLA DHANUSHYA	18MQ1A0516	Criztone Technology Private Limited	CTPL/2022/1546
63	JANARDHANAPURAM PRATHYUSHA	18MQ1A0566	Criztone Technology Private Limited	CTPL/2022/1120
64	CHODAVARAPU REVATHI	18MQ1A0562	Criztone Technology Private Limited	CTPL/2022/7982
65	NAMBURU BALA YASWANTH	18MQ1A0564	Criztone Technology Private Limited	CTPL/2022/4658

66	VEERANKI KOMALA SRI	18MQ1A0535	Niyo Farm Tech Private Limited	NYTPL/2022/987
67	BANDARU VENKATA NAGA KISHORE	18MQ1A05A1	Niyo Farm Tech Private Limited	NYTPL/2022/567
68	BADE POOJITHA	18MQ1A0504	Niyo Farm Tech Private Limited	NYTPL/2022/795
69	PETETI DIVYA SIVA SAI PRASANNA	18MQ1A0524	Niyo Farm Tech Private Limited	NYTPL/2022/265
70	CHINNAM MANASA	18MQ1A0561	Niyo Farm Tech Private Limited	NYTPL/2022/348
71	KOPPARTHI DEEKSHITHA	18MQ1A0517	Alien Innovations Private Limited	AIPL/2022/795
72	DOKKU SIVA VENKATA NAGA PRASAD	18MQ1A0541	Alien Innovations Private Limited	AIPL/2022/133
73	GANGU NAGA NAVEENA	18MQ1A0507	Alien Innovations Private Limited	AIPL/2022/644
74	MADDALI HARINI	18MQ1A0575	Alien Innovations Private Limited	AIPL/2022/958
75	VINNAKOTA PHANI SIVA CHANDRA SAI AKARSH	18MQ1A0559	Alien Innovations Private Limited	AIPL/2022/885
76	SUDANI LAKSHMI PRANEETHA	18MQ1A0590	Manjha Technologies pvt ltd	MTPL/2022/777
77	KOLA DIVYASRI	18MQ1A0515	Manjha Technologies pvt ltd	MTPL/2022/269
78	TEKIPUDI LAYA	18MQ1A0532	Manjha Technologies pvt ltd	MTPL/2022/356
79	RAJULAPATI MOUNIKA	18MQ1A0530	Manjha Technologies pvt ltd	MTPL/2022/498
80	KATRAGADDA JANARDHANA SAI RAM	18MQ1A05A6	Manjha Technologies pvt ltd	MTPL/2022/132
81	AKURATHI YAMINI	18MQ1A0501	BIST TECHNOLOGIES PVT LTD	BIST/2022/145
82	KAGGA BHAVANA	18MQ1A0513	BIST TECHNOLOGIES PVT LTD	BIST/2022/146
83	AKURATHI NAGA KUMARI	18MQ1A0540	BIST TECHNOLOGIES PVT LTD	BIST/2022/147
84	PINISETTI DIVYA	18MQ1A0585	BIST TECHNOLOGIES PVT LTD	BIST/2022/148
85	GUNIPUDI TEJASRI	18MQ1A0508	BIST TECHNOLOGIES PVT LTD	BIST/2022/149

4.6 Professional Activities (20) Total Marks 20.00

4.6.1 Professional socities/ chapters and organizing engineering events (5)

Institute Marks : 5.00

Professional Societies/Chapters and Organizing Engineering Events(5)

A. Availability & activities of professional societies/chapters(3)

Professional Society Membership Details

Table 4.6.1.1:Professional Society Membership Details

S. No	Academic Year	No. of Student Memberships
		ISTE
1	2024–2025	191

Table 4.6.1.2:List of Students in ISTE Professional Body Members AY: 2024-25

S. No	Roll Number	Name of the Student	Class
1	22MQ1A0501	ANDALURI VARSHITHA	III-CSE
2	22MQ1A0502	B HARSHA NAGA PRIYA	III-CSE
3	22MQ1A0503	BORRA DINNY MADHU SRI	III-CSE
4	22MQ1A0504	C S DURGA VARA PRASAD	III-CSE
5	22MQ1A0505	CHINNAM UDAY	III-CSE
6	22MQ1A0506	CHINNI JAYATHI	III-CSE
7	22MQ1A0507	NANDINI DEVANABOINA	III-CSE
8	22MQ1A0508	DHARMAVARAPU.BHARGAVI	III-CSE
9	22MQ1A0509	EJJU TEJASWI	III-CSE
10	22MQ1A0510	E NAGA MAHA JAYASRI	III-CSE
11	22MQ1A0511	GALLA PUJITHA	III-CSE
12	22MQ1A0512	GORIPARTHI LALITHA	III-CSE
13	22MQ1A0513	G SAI CHANDU	III-CSE
14	22MQ1A0514	G P N LAKSHMI DURGA	III-CSE
15	22MQ1A0515	JALLURI ESHA BHARGAVI	III-CSE
16	22MQ1A0516	J L VENKATA GANESH	III-CSE
17	22MQ1A0517	JOGI MOHAN KRISHNA	III-CSE
18	22MQ1A0519	J VIJAY KUMAR	III-CSE
19	22MQ1A0520	KARRA AKHILA	III-CSE
20	22MQ1A0521	KODURU INDU	III-CSE
21	22MQ1A0522	KODURU SAI NEERAJ	III-CSE
22	22MQ1A0524	KOMMANA DURGA LAKSHMI	III-CSE
23	22MQ1A0525	KONATHAM SANTHOSH	III-CSE
24	22MQ1A0526	KUMBHAM BABY SWARUPA	III-CSE

25	22MQ1A0527	KUNASANI YUGANDHAR	III-CSE
26	22MQ1A0528	KURELLA MAHITHA	III-CSE
27	22MQ1A0529	MADASU YUVA TEJA	III-CSE
28	22MQ1A0530	M GEETHA SRI	III-CSE
29	22MQ1A0531	MOHAMMAD MALLIKA	III-CSE
30	22MQ1A0532	MOHAMMAD RIYAZ	III-CSE
31	22MQ1A0533	MUKKU GAYATRI SWETHA	III-CSE
32	22MQ1A0534	M SRINIVASARAO	III-CSE
33	22MQ1A0535	PAMARTHI DEVANADH	III-CSE
34	22MQ1A0536	PAVANA SRI RAM B	III-CSE
35	22MQ1A0537	PITTALA SIRI CHANDANA	III-CSE
36	22MQ1A0538	AMANISAI POKALA	III-CSE
37	22MQ1A0539	PULI SWATHI	III-CSE
38	22MQ1A0540	PUTTA JOGESWAR	III-CSE
39	22MQ1A0541	REMALA NAVYA SRI	III-CSE
40	22MQ1A0542	SHAIK ZABEER	III-CSE
41	22MQ1A0543	SIDDELA KEERTHI	III-CSE
42	22MQ1A0544	SOMA YASASWINI	III-CSE
43	22MQ1A0545	SUNKARA HAVINASH	III-CSE
44	22MQ1A0546	SYED ASHRAF PASHA	III-CSE
45	22MQ1A0547	T LIKHITH NAGA SAI	III-CSE
46	22MQ1A0548	TEKI HARIKA	III-CSE
47	22MQ1A0549	THOTA JAYA RAM	III-CSE
48	22MQ1A0550	MAMATHA THOTA	III-CSE
49	22MQ1A0551	TILLARI RAVIKUMAR	III-CSE
50	22MQ1A0552	TIRUVEEDULA NAGA RUPA	III-CSE
51	22MQ1A0553	VATTI MANOJ	III-CSE
52	22MQ1A0554	VEMULA DEVI SREE	III-CSE
53	22MQ1A0555	ISWARYA	III-CSE
54	22MQ1A0556	ABDUL KHUDUS	III-CSE
55	22MQ1A0557	ADAPA ASRITHA	III-CSE
56	22MQ1A0558	A LIKHITHA SRI	III-CSE
57	22MQ1A0559	BAKI BINDHU SRI	III-CSE

58	22MQ1A0560	B ESWAR SAI KUMAR	III-CSE
59	22MQ1A0561	BHATRAJU SAILU	III-CSE
60	22MQ1A0562	BOYINA SASI KALA	III-CSE
61	22MQ1A0563	CHENNURI.HEMA SRAVANI	III-CSE
62	22MQ1A0564	C V SAI NAGA PRANITHA	III-CSE
63	22MQ1A0566	GAMPA BHAGYA SASIKALA	III-CSE
64	22MQ1A0567	G VENKATESWARARAO	III-CSE
65	22MQ1A0568	G S VENKATA NAGA RAJU	III-CSE
66	22MQ1A0569	GOPU BHARGAVI	III-CSE
67	22MQ1A0570	GOTTIPATI SAI SRAVANI	III-CSE
68	22MQ1A0571	GUDAPATI.SOWJANYA	III-CSE
69	22MQ1A0572	GUGGILLA REVATHI	III-CSE
70	22MQ1A0573	G B SUBRAHMANYAM	III-CSE
71	22MQ1A0574	KADIMI DEEPIKA	III-CSE
72	22MQ1A0575	JOSHUA PAUL	III-CSE
73	22MQ1A0576	K PURNA CHANDRIKA	III-CSE
74	22MQ1A0577	KONA DHANUSH	III-CSE
75	22MQ1A0578	K N V PUSHPA NAVEENA	III-CSE
76	22MQ1A0579	KROVI SAICHAITANYA	III-CSE
77	22MQ1A0580	LOYA MADHAVI	III-CSE
78	22MQ1A0581	MATHI MANJUSRI	III-CSE
79	22MQ1A0582	MATTA ARUN ADITYA	III-CSE
80	22MQ1A0583	MOHAMMAD MASTAN	III-CSE
81	22MQ1A0584	MOKA BALA SARASWATHI	III-CSE
82	22MQ1A0585	M R N D SRI SAI KUMAR	III-CSE
83	22MQ1A0586	MURUPUDI AASISH RAJ	III-CSE
84	22MQ1A0587	PUJITA NALLURI	III-CSE
85	22MQ1A0588	NAMBURU RAMA SATHWIK	III-CSE
86	22MQ1A0589	P DIVYA TEJA SREE	III-CSE
87	22MQ1A0590	PARASA PAVAN KUMAR	III-CSE
88	22MQ1A0591	PENUBOTHU THARSHITHA	III-CSE
89	22MQ1A0592	PITCHUKA JOSH KAMAL	III-CSE
90	22MQ1A0593	POLAGANI MARIYA RANI	III-CSE

91	22MQ1A0594	P H MADHU VARDHAN	III-CSE
92	22MQ1A0595	P MOHAN KUMAR	III-CSE
93	22MQ1A0596	RAJULAPATI NAVYA SRI	III-CSE
94	22MQ1A0597	RUPASREE TEJASWINI CH	III-CSE
95	22MQ1A0598	SANJANA KAILA	III-CSE
96	22MQ1A05A0	S INDU	III-CSE
97	22MQ1A05A1	S TEJA SATYA SREE	III-CSE
98	22MQ1A05A2	SUJITH MATHE	III-CSE
99	22MQ1A05A3	T RAMA SANTHOSHI	III-CSE
100	22MQ1A05A4	T BHAVIKA HARSHINI	III-CSE
101	22MQ1A05A5	T H V S M SUMANTH	III-CSE
102	22MQ1A05A6	TI JAYA SAI JAGADEESH	III-CSE
103	22MQ1A05A7	VADDI DURGA SREE	III-CSE
104	22MQ1A05A8	VASUPALLI MALLESWARI	III-CSE
105	22MQ1A05B0	HUMANYA SRI LALITHA	III-CSE
106	22MQ1A05B1	YARAGANI NAGA HARSHA	III-CSE
107	22MQ1A05B2	Y N VENKATA PRAVEEN	III-CSE
108	22MQ1A05B3	YARLAGADDA VANAJA	III-CSE
109	22MQ1A05B4	AKHIL NAGA SAI K	III-CSE
110	22MQ1A05B5	AKULA RESHMA PURNI	III-CSE
111	22MQ1A05B6	A SIVA JYOTHSNA	III-CSE
112	22MQ1A05B7	A SRINIVAS	III-CSE
113	22MQ1A05B8	AMUDALAPALLI KUSUMA	III-CSE
114	22MQ1A05B9	ANAGANI KIRANMAI	III-CSE
115	22MQ1A05C0	ANDE LOKESH	III-CSE
116	22MQ1A05C1	BADARLA NAVEEN SAI	III-CSE
117	22MQ1A05C2	BAKURI LEELARADHIKA	III-CSE
118	22MQ1A05C3	C DIWAKAR SAI BABU	III-CSE
119	22MQ1A05C4	CHEELI RUPA PAVANI	III-CSE
120	22MQ1A05C5	C G VENKATA SINDHUSHA	III-CSE
121	22MQ1A05C6	D LAKSHMI PUJITHA	III-CSE
122	22MQ1A05C7	GANDEPUDI AKASH	III-CSE
123	22MQ1A05C8	GOGULAMUDI PRAVEEN	III-CSE

124	22MQ1A05C9	JALDULA PRAVEEN KUMAR	III-CSE
125	22MQ1A05D0	JAMPANA SIRISHA	III-CSE
126	22MQ1A05D1	JANYAVULA REETHIKA	III-CSE
127	22MQ1A05D2	J N L PRAVALLIKA	III-CSE
128	22MQ1A05D3	KAGITA VAISHNAVI	III-CSE
129	22MQ1A05D4	KAGITHA NAGA ANJALI	III-CSE
130	22MQ1A05D6	K H SAI PRAVEEN	III-CSE
131	22MQ1A05D7	K CHANDRA SEKHAR	III-CSE
132	22MQ1A05D8	KONDURU KUNDANA	III-CSE
133	22MQ1A05D9	KOTHARI SONIKA	III-CSE
134	22MQ1A05E0	KUKATI NANI	III-CSE
135	22MQ1A05E1	KUMBHAM SAI NAGA RAJU	III-CSE
136	22MQ1A05E2	MALLAMPALLI PRAHARSHA	III-CSE
137	22MQ1A05E3	M PURNA CHANDU	III-CSE
138	22MQ1A05E4	M GOWTHAM KUMAR	III-CSE
139	22MQ1A05E5	M KANAKA SURESH	III-CSE
140	22MQ1A05E6	MURALA PRAVARSHA	III-CSE
141	22MQ1A05E7	NAIDU YAMINI	III-CSE
142	22MQ1A05F0	PALAGANI LIKHITHA	III-CSE
143	22MQ1A05F1	P NANCHARAMMA	III-CSE
144	22MQ1A05F2	PARISE SRAVANTHI	III-CSE
145	22MQ1A05F3	P KRISHNA CHAITANYA	III-CSE
146	22MQ1A05F4	POLAGANI LOKESH	III-CSE
147	22MQ1A05F5	PUJALA VENKATESH	III-CSE
148	22MQ1A05F6	PUJITHA BALAGAM	III-CSE
149	22MQ1A05F7	RAJULAPATI YASWANTH	III-CSE
150	22MQ1A05F8	SHAIK SHABANA	III-CSE
151	22MQ1A05F9	SHAIK SURAJ	III-CSE
152	22MQ1A05G0	S ROHITH SAI KUMAR	III-CSE
153	22MQ1A05G1	THOTA PHANI KUMAR	III-CSE
154	22MQ1A05G2	T V VAMSI KRISHNA	III-CSE
155	22MQ1A05G3	U NAGA CHAITANYA	III-CSE
156	22MQ1A05G4	U DEVI SRI THANUJA	III-CSE

157	22MQ1A05G5	V B CHAITANYA SREE	III-CSE
158	22MQ1A05G6	VALISETTY NAGASAI	III-CSE
159	22MQ1A05G7	VANKA VAISHNAVI	III-CSE
160	22MQ1A05G8	VEENAM PRIYA VARSHINI	III-CSE
161	22MQ1A05G9	VEMULA SAI SOWMIKA	III-CSE
162	22MQ1A05H0	Y KAVYA NAGA ANJALI	III-CSE
163	22MQ1A05H1	GAJULA HARSHITHASAI	III-CSE
164	22MQ1A05H2	G G N SAI SREE RAKESH	III-CSE
165	22MQ1A05H3	P INDRA SASHIDAR	III-CSE
166	22MQ1A05H4	T HARSHA VARDHAN GOWD	III-CSE
167	22MQ1A05H5	V L PHANI POOJITHA	III-CSE
168	22MQ1A05H6	D CHAKRA REETHIKA	III-CSE
169	22MQ1A05H7	M VENKAT KUMAR	III-CSE
170	23MQ5A0501	A SWAPNA NAGA PRIYA	III-CSE
171	23MQ5A0502	GOPISETTI BHANUVARSHA	III-CSE
172	23MQ5A0503	K V S L SINDHU KALA	III-CSE
173	23MQ5A0504	ATMURI HEMANTH	III-CSE
174	23MQ5A0505	BANDARU TARUN KUMAR	III-CSE
175	23MQ5A0506	B V SAI PHANI KRISHNA	III-CSE
176	23MQ5A0507	C BALA NAGA VAMSI	III-CSE
177	23MQ5A0508	ORUGANTI BABU SURESH	III-CSE
178	23MQ5A0509	BOMMU SARANYA	III-CSE
179	23MQ5A0510	KOLLA RUPASREE	III-CSE
180	23MQ5A0511	PEDDAPALLI LOHITHA	III-CSE
181	23MQ5A0512	GORLA PRAVEEN KUMAR	III-CSE
182	23MQ5A0514	M L RAMA KRISHNA SAI	III-CSE
183	23MQ5A0515	P HARINADH BABU	III-CSE
184	23MQ5A0516	SARIPALLI NOVAHU	III-CSE
185	23MQ5A0517	CHEKKA.LIDIYA	III-CSE
186	23MQ5A0518	K B N TRIPURA SUNDARI	III-CSE
187	23MQ5A0519	V JYOTHIRMAI	III-CSE
188	23MQ5A0520	TAMMANA MANIKANTA	III-CSE
189	23MQ5A0522	Y KUMAR SWAMY	III-CSE

190	23MQ5A0523	S BALA DHANA TEJA	III-CSE
191	23MQ5A0524	GADE RAGAMAI	III-CSE

B.Number, quality of engineering events (organized at institute, Level-Institute /State /National/International)(2)

List of Technical/Engineering Events

Table 4.6.1.5:Activities Summary for 3 Assessment Years

Academic Year	No. of Events	No. of Participants	Remarks
2024-25	7	501	Department level
2023-24	4	399	Department level
2022-23	6	506	Department level

Table 4.6.1.6:Events Conducted in the Department AY:2024-25

S. No	Date	Name of the Event	Name of the coordinator/s	Resource person Details	No. of Students
1	01-03-2025	Guest lecture on Advanced Python Programming and SQL	Md. Ahmed	JampnaPrabhu Kumar Tech Lead,HCL	192
2	21-10-24	Finishing School for Employability-Training on Data Analytics	Sk.Ahmad Mohiddin	S Akshaya Kumar,trainer at Impact Foundation	65
3	17-02-2025	Google-AIML	M N Vamsi	S V Pavan Kumar, Associate manager,Learning & Development Edu Skills	69
4	03-03-2025	IOT	M MadhusudhanaRao	S PradeepKumar, Director,Smart home & Industrial solutions	49
5	22-02-2025	Industrial visit	Md Shamsheer	NIV Info Solutions Pvt Ltd	42
6	23-02-2025	Industrial visit	Md Shamsheer	Pennat	42
7	24-02-2025	Industrial visit	Md Shamsheer	Mouri Tech	42

Guest lecture on:Advanced Python Programming and SQL

Table 4.6.1.7:Events Conducted in the Department AY:2023-24

S. No	Date	Name of the event	Name of the coordinator	Resource person details	No. of Students
1	27-04-2024	Guest lecture on Machine Learning and Applications	Md. Ahmed	Dr.T.SubhaMastanRao Associate Professor, KLEF,Guntur.	100
2	1-8-2023	ICT-AWS Cloud Training for students	Sk.Ahmad Mohiddin	Syed IrfanAli,ICT	107
3	17-02-2024	Industrial Trip	Md Shamsheer	Kayne's Technology	96
4	18-02-2024	Industrial Trip	Md Shamsheer	Py Spider Technologies	96

Guest Lecture on :Machine Learning and Applications

Table 4.6.1.8:Events Conducted in the Department AY:2022-23

S. No	Date	Name of the event	Name of the coordinator	Resource person details	No. of Students
1	11-11-2022	Guest Lecture on Applications of Image Processing	Md. Ahmed	Dr.M.BabuRao,Professor,Gudlavaleru Engineering College,Gudlavaleru.	60
2	17.10.2022	Guest Lecture on Introduction to Speech Recognition	Md. Ahmed	Dr.S.Narayana,Professor, Gudlavaleru Engineering College,Gudlavaleru	60
3	29-03-2023	Guest Lecture on Artificial Intelligence in IT industry	Md. Ahmed	Mr.Raju Babu Kankipati Senior software Enginner,Mphasis,Hyderabad	100
4	06-02-2023	Industrial Trip	MdShamsheer	Kanyne's Technologies	96
5	07-02-2023	Industrial Trip	MdShamsheer	Visvesvaraya	96
6	08-02-2023	Industrial Trip	MdShamsheer	TCS	96

Guest Lecture on :Artificial Intelligence in IT industry

Table 4.6.1.1: Summary of faculty in professional societies in assessment period

Academic Year	No.of Faculty MemberShips					
	ISTE	IETE	IAPET	CSI	CRSI	IACSIT
2024-25	3	1	2	1	1	1
2023-24	2	1	2	1	1	1
2022-23	2	1	1	1	1	1
2021-22	2	1	0	1	1	0

List of Faculty as Professional body members during the academic year: 2024– 25 (CAY)

S.NO	Name of the Faculty	Designation	Membership
1	S.V.C.Gupta	Asst.Prof.	ISTE
2	Sheik Ahmed Mohiddin	Asst.Prof.	ISTE
3	M.NagaVamsi	Asst.Prof.	ISTE
4	Dr B.R.S Reddy	Prof.	AMIE
5	Dr G.Syam prasad	Prof.	IACSIT

4.6.2 Publication of technical magazines, newsletters, etc. (5)

Institute Marks : 5.00

Publication of technical magazines, newsletters, etc.(5)

A. Quality & Relevance of the contents and Print Material (3)

B. Participation of Students from the program (2)

Department Publication:

Tech ERA- Magazine:

The Department of Computer Science and Engineering has started a magazine titled " Tech ERA ". This magazine was initiated in the year 2019 and has continuously emerged as a platform to represent departmental half yearly contributions from students and faculty. The department follows well-defined.
Guidelines for the magazine " Tech ERA ". The magazine consists of original technical articles, literary articles, and trending information and technologies. Which are selected by the editor, the magazine is published twice in an academic year. The magazine committee consists of an editor and chief editor, and the editorial board consists of five (5) members of the CSE department.

Table 4.6.2.1: Volumes and students' members of department publication committee for magazine

S. No	Name of the Publication	Volume No. Month & Year	Frequency/ Year	Name of the Faculty Editor	Name of the Student Editors
1.	Tech ERA	Volume1, Issue 1 AY: 2021-2022 Jan to June	Half yearly	Md Ahmed Sk Ahmed Mohiddin	G. Divya 20MQ1A0563 G.Anusha 20MQ1A0564 M.Kavya Sri 20MQ1A0515 V. Sujini 20MQ1A0531
2.	Tech ERA	Volume1, Issue 2 AY: 2021-2022 July to Dec	Half yearly	Md Ahmed Sk Ahmed Mohiddin	G. Divya 20MQ1A0563 G.Anusha 20MQ1A0564 M.Kavya Sri 20MQ1A0515 V. Sujini 20MQ1A0531
3.	Tech ERA	Volume1, Issue 1 AY: 2022-2023 Jan to June	Half yearly	Md Ahmed Sk Ahmed Mohiddin	G. Divya 20MQ1A0563 G.Anusha 20MQ1A0564 M.Kavya Sri 20MQ1A0515 V. Sujini 20MQ1A0531
4.	Tech ERA	Volume1, Issue 2 AY: 2022-2023 July to Dec	Half yearly	Md Ahmed Sk Ahmed Mohiddin	G. Divya 20MQ1A0563 G.Anusha 20MQ1A0564 M.Kavya Sri 20MQ1A0515 V. Sujini 20MQ1A0531
5.	Tech ERA	Volume1, Issue 1 AY: 2023-2024 Jan to June	Half yearly	Md Ahmed Sk Ahmed Mohiddin	G. Divya 20MQ1A0563 G.Anusha 20MQ1A0564 M.Kavya Sri 20MQ1A0515 V. Sujini 20MQ1A0531

6.	Tech ERA	Volume1, Issue 2 AY: 2023-2024 July to Dec	Half yearly	Md Ahmed Sk Ahmed Mohiddin	G. Divya 20MQ1A0563 G.Anusha 20MQ1A0564 M.Kavya Sri 20MQ1A0515 V. Sujini 20MQ1A0531
7.	Tech ERA	Volume1, Issue 1 AY: 2024-2025 Jan to June	Half yearly	Md Ahmed Sk Ahmed Mohiddin	T.RSanthoshi 22MQ1A05A3 P.M.Rani 22MQ1A0593 E.Jayasri 22MQ1A0510 S.Indu 22MQ1A05A0

Department News letter:

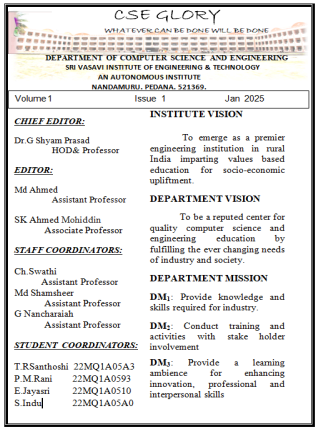
The Department of Computer Science and Engineering has started a newsletter in the name of "CSE GLORY," and Volume I was launched in the year 2019. It is published every Quarter yearly of an academic year. It focuses mainly on the major events organized for the year, student and faculty publications, achievements, campus placement, industrial interactions, visits, higher studies, extracurricular and co-curricular activities, and many more in the department for every semester. The department publication committee will manage the process for both the magazine and the newsletter.

Table 4.6.2.2: Volumes and students' members of department publication committee for newsletter

S. No	Name of the Publication	Volume No. Month & Year	Frequency/ Year	Name of the Faculty Editor	Name of the Student Editors
1.	CSE GLORY Newsletter	Vol-1 Issue-1 Jan-March 2021	Quarter yearly	Md Ahmed Sk Ahmed Mohiddin	G. Divya 20MQ1A0563 G.Anusha 20MQ1A0564 M.Kavya Sri 20MQ1A0515 V. Sujini 20MQ1A0531
2.	CSE GLORY Newsletter	Vol-1 Issue-2 Apr-june 2021	Quarter yearly	Md Ahmed Sk Ahmed Mohiddin	G. Divya 20MQ1A0563 G.Anusha 20MQ1A0564 M.Kavya Sri 20MQ1A0515 V. Sujini 20MQ1A0531
3.	CSE GLORY Newsletter	Vol-1 Issue-3 July-Sep 2021	Quarter yearly	Md Ahmed Sk Ahmed Mohiddin	G. Divya 20MQ1A0563 G.Anusha 20MQ1A0564 M.Kavya Sri 20MQ1A0515 V. Sujini 20MQ1A0531

4.	CSE GLORY Newsletter	Vol-1 Issue-4 Oct-Dec 2021	Quarter yearly	Md Ahmed Sk Ahmed Mohiddin	G. Divya 20MQ1A0563 G.Anusha 20MQ1A0564 M.Kavya Sri 20MQ1A0515 V. Sujini 20MQ1A0531
5.	CSE GLORY Newsletter	Vol-1 Issue-1 Jan-March 2022	Quarter yearly	Md Ahmed Sk Ahmed Mohiddin	G. Divya 20MQ1A0563 G.Anusha 20MQ1A0564 M.Kavya Sri 20MQ1A0515 V. Sujini 20MQ1A0531
6.	CSE GLORY Newsletter	Vol-1 Issue-2 Apr-june 2022	Quarter yearly	Md Ahmed Sk Ahmed Mohiddin	G. Divya 20MQ1A0563 G.Anusha 20MQ1A0564 M.Kavya Sri 20MQ1A0515 V. Sujini 20MQ1A0531
7.	CSE GLORY Newsletter	Vol-1 Issue-3 July-Sep 2022	Quarter yearly	Md Ahmed Sk Ahmed Mohiddin	G. Divya 20MQ1A0563 G.Anusha 20MQ1A0564 M.Kavya Sri 20MQ1A0515 V. Sujini 20MQ1A0531
8.	CSE GLORY Newsletter	Vol-1 Issue-4 Oct-Dec 2022	Quarter yearly	Md Ahmed Sk Ahmed Mohiddin	G. Divya 20MQ1A0563 G.Anusha 20MQ1A0564 M.Kavya Sri 20MQ1A0515 V. Sujini 20MQ1A0531
9.	CSE GLORY Newsletter	Vol-1 Issue-1 Jan-March 2023	Quarter yearly	Md Ahmed Sk Ahmed Mohiddin	G. Divya 20MQ1A0563 G.Anusha 20MQ1A0564 M.Kavya Sri 20MQ1A0515 V. Sujini 20MQ1A0531
10.	CSE GLORY Newsletter	Vol-1 Issue-2 Apr-june 2023	Quarter yearly	Md Ahmed Sk Ahmed Mohiddin	G. Divya 20MQ1A0563 G.Anusha 20MQ1A0564 M.Kavya Sri 20MQ1A0515 V. Sujini 20MQ1A0531
11.	CSE GLORY Newsletter	Vol-1 Issue-3 July-Sep 2023	Quarter yearly	Md Ahmed Sk Ahmed Mohiddin	G. Divya 20MQ1A0563 G.Anusha 20MQ1A0564 M.Kavya Sri 20MQ1A0515 V. Sujini 20MQ1A0531

12.	CSE GLORY Newsletter	Vol-1 Issue-4 Oct-Dec 2023	Quarter yearly	Md Ahmed Sk Ahmed Mohiddin	G. Divya 20MQ1A0563 G.Anusha 20MQ1A0564 M.Kavya Sri 20MQ1A0515 V. Sujini 20MQ1A0531
13.	CSE GLORY Newsletter	Vol-1 Issue-1 Jan-March 2024	Quarter yearly	Md Ahmed Sk Ahmed Mohiddin	G. Divya 20MQ1A0563 G.Anusha 20MQ1A0564 M.Kavya Sri 20MQ1A0515 V. Sujini 20MQ1A0531
14.	CSE GLORY Newsletter	Vol-1 Issue-2 Apr-june 2024	Quarter yearly	Md Ahmed Sk Ahmed Mohiddin	G. Divya 20MQ1A0563 G.Anusha 20MQ1A0564 M.Kavya Sri 20MQ1A0515 V. Sujini 20MQ1A0531
15.	CSE GLORY Newsletter	Vol-1 Issue-3 July-Sep 2024	Quarter yearly	Md Ahmed Sk Ahmed Mohiddin	G. Divya 20MQ1A0563 G.Anusha 20MQ1A0564 M.Kavya Sri 20MQ1A0515 V. Sujini 20MQ1A0531
16.	CSE GLORY Newsletter	Vol-1 Issue-4 Oct-Dec 2024	Quarter yearly	Md Ahmed Sk Ahmed Mohiddin	G. Divya 20MQ1A0563 G.Anusha 20MQ1A0564 M.Kavya Sri 20MQ1A0515 V. Sujini 20MQ1A0531
17.	CSE GLORY Newsletter	Vol-1 Issue-1 Jan-March 2025	Quarter yearly	Md Ahmed Sk Ahmed Mohiddin	T.RSanthoshi 22MQ1A05A3 P.M.Rani 22MQ1A0593 E.Jayasri 22MQ1A0510 S.Indu 22MQ1A05A0



CSE GLORY

WHATEVER CAN BE DONE WILL BE DONE

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
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Institute News Letter - VIBES

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Correspondent's Message

Director's Message

Principal's Message

4.6.3 Participationininter-institute events by students of the program of study (10)

Institute Marks : 10.00

Participation in inter-institute events by students of the program of study (10)

A. Events within the state (2)

B. Events outside the state (3)

C. Prizes/awards received in such events (5)

Paper Presentation & Poster Presentation: Summary–Activities Attended for 3 Years

Table4.6.3.1: Summary of student participation within the state and outside the state during assessment period

Academic Year	Total No.of Events	Students Participation & Awards within the State				Students Participation & Awards outside the State			
		No. of Events	No. of Students Attended	No. of Participations	No. of Awards	No. of Events	No. of Students Attended	No. of Participations	No. of Awards
2022-23	7	5	35	10	25	2	16	10	6
2023–24	2	1	28	0	28	1	2	2	0
2024–25	2	1	15	0	15	1	4	4	0

Table4.6.3.1.1 Summary of Students participation within the state and outside the state during assessment period

Assessment Year	No. of Events	No. of Students Attended	No. of Participations	No. of Awards
2022–23	6	51	20	31
2023–24	2	30	2	28
2024–25	2	19	4	15

Table4.6.3.1.2 Summary of Students participation within the state (State Level) during assessment period

Assessment Year	No. of Events	No. of Students Attended	No. of Participations	No. of Awards
2022–23	5	35	10	25
2023–24	1	28	0	28
2024–25	1	15	0	15

Table4.6.3.1.3Summary of Students participation outside the state (National Level) during assessment period

Assessment Year	No. of Events	No. of Students Attended	No. of Participations	No. of Awards
2022–23	1	16	10	6
2023–24	1	2	2	0

2024–25	1	4	4	0

Academic Year: 2022-23(CAYm2) Prize Winner

Table 4.6.3.2: List of student won awards at inter-institute event in the academic year 2022–23.

S. No	Name of the Students	Name of the Event	Topic	Venue	Date	Award/ Reward
1.	P. Anusha	SMART INDIA HACKTON	PHOENIX	AICTE, NEW DELHI Pondicherry	25/08/2022 to 26/08/2022	First
2.	T. Meher lakshmi snehitha	SMART INDIA HACKTON	PHOENIX	AICTE, NEW DELHI Pondicherry	25/08/2022 to 26/08/2022	First
3.	P.V.S. Haranath Manohar	SMART INDIA HACKTON	PHOENIX	AICTE, NEW DELHI Pondicherry	25/08/2022 to 26/08/2022	First
4.	P.Sravani	National level SRGEC Hackthon	National level SRGEC hackthon	Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada	15/10/2022	First
5.	K. Yamini	National level SRGEC Hackthon	National level SRGEC hackthon	Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada	15/10/2022	First
6.	K. Taruni naga sowjanya	Institutions' innovation Council	Poster presentation	Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada	15/10/2022	First
7.	B Devi poojitha	Institutions' innovation Council	Poster presentation	Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada	15/10/2022	First
8.	S Sravya sree	Institutions' innovation Council	Poster presentation	Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada	15/10/2022	First

9.	L.Madhu suma sree	DHANUSH-2K23	Paper presentation	Dhanukela Institute of Engineering &Technology	02/04/2023	First
10	L.Madhu suma sree	VKR-FEST	Paper presentation	V.K.R,V.N.B., &A.G.K.College of Engineering	03-03-2023	Second
11.	M.Ramya sree	Voice Association	Poster presentation	Sri Vasavi Institute of Engineering And Technology	2022-2023	First
12	CH.Mehera	Voice Association	Poster presentation	Sri Vasavi Institute of Engineering And Technology	2022-2023	First
13	K.Sree Vamsi	Voice Association	Paper presentation	Sri Vasavi Institute of Engineering And Technology	2022-2023	First
14	S.Pavani	Voice Association	Code Hunt	Sri Vasavi Institute of Engineering And Technology	2022-2023	First
15	Annam Praveen	Voice Association	Technical Quiz	Sri Vasavi Institute of Engineering And Technology	2022-2023	First
16	K.Chandra shekar	Voice Association	Technical Quiz	Sri Vasavi Institute of Engineering And Technology	2022-2023	First
17	S.Pavani	Voice Association	Jam (Just a minute)	Sri Vasavi Institute of Engineering And Technology	2022-2023	First
18	A.N.V.Deepak	Voice Association	Tech Gadgets	Sri Vasavi Institute of Engineering And Technology	2022-2023	First
19	Uzma Afreen	Voice Association	Poster presentation	Sri Vasavi Institute of Engineering And Technology	2022-2023	Second
20	L.Madhu suma sri	Voice Association	Paper presentation	Sri Vasavi Institute of Engineering And Technology	2022-2023	Second
21	N.Sasi Durga	Voice Association	Paper presentation	Sri Vasavi Institute of Engineering And Technology	2022-2023	Second

22	T.pujitha	Voice Association	Code Hunt	Sri Vasavi Institute of Engineering And Technology	2022-2023	Second
23	V.Siva kanth	Voice Association	Technical Quiz	Sri Vasavi Institute of Engineering And Technology	2022-2023	Second
24	CH.Harinadh	Voice Association	Technical Quiz	Sri Vasavi Institute of Engineering And Technology	2022-2023	Second
25	Sahera Begum	Voice Association	Jam (Just a minute	Sri Vasavi Institute of Engineering And Technology	2022-2023	Second
26	S.Ganesh	Voice Association	Tech Gadgets	Sri Vasavi Institute of Engineering And Technology	2022-2023	Second
27	S.Rakesh Kumar	Voice Association	Tech Gadgets	Sri Vasavi Institute of Engineering And Technology	2022-2023	Second
28	A.Praveen	Voice Association	Code Hunt	Sri Vasavi Institute of Engineering And Technology	2022-2023	Second
29	Veerla Vijay Babu	KHELOSTHAV-2023	Badminton	Gokaraju Rangaraju Institute of Engineering and Technology	26-04-2023	First
30	Matta Tarun Narasimha	KHELOSTHAV-2023	Volley Ball	Gokaraju Rangaraju Institute of Engineering and Technology	26-04-2023	Second
31	Thota P.N.V.V.Karthik	KHELOSTHAV-2023	Badminton	Gokaraju Rangaraju Institute of Engineering and Technology	26-04-2023	Second

Academic Year: 2022-23(CAYm2) Participation

Table 4.6.3.5: List of student participated at inter-institute event in the academic year 2022– 23.

S.No	Name of the Students	Name of the Event	Topic	Venue	Date
1.	K.Yamini	National level SRGEC hackthon	National level SRGEC hackthon	Seshadri Rao Gudlavalleru Engineering College	14/09/2022 to 15/09/2022

2.	P.Sravani	National level SRGEC hackthon	National level SRGEC hackthon	Seshadri Rao Gudlavalleru Engineering College	14/09/2022 to 15/09/2023
3	K.Taruni naga sowjanya	National level SRGEC hackthon	National level SRGEC hackthon	Seshadri Rao Gudlavalleru Engineering College	14/09/2022 to 15/09/2023
4.	P.D.V.K.Padmavathi	DHANUSH-2K23	Paper Presentation	Dhanukela institute of engineering &technology	02-04-2023
5.	A.Chandrasekhar	DHANUSH-2K23	Paper Presentation	Dhanukela institute of engineering &technology	02-04-2023
6.	Dusanapudi.pavani	DHANUSH-2K23	Paper Presentation	Dhanukela institute of engineering &technology	02-04-2023
7.	B Devi poojitha	National level SRGEC hackthon	National level SRGEC hackthon	Seshadri raogudlavalleru engineering college	14/09/2022 to 15/09/2022
8.	S Sravya sree	National level SRGEC hackthon	National level SRGEC hackthon	Seshadri raogudlavalleru engineering college	15/10/2022
9.	A Ravi sri sai Kumar	NPTEL	Programming in JAVA	Online Assignment	Jul-oct 2022
10.	M. Kanaka Suresh	Inter University Hockey	Hockey(Men)	Banglore City University,Banglore	11-12-2022 To 16-12-2022
11	Polimetla Bhavana	Collegiate Sports Fest	Badminton	Trinity College of Engineering and Technology	2022-2023
12	Puppala Durga Deekshitha	Collegiate Sports Fest	Throw ball	Trinity College of Engineering and Technology	2022-2023
13	Veernala Divya	Collegiate Sports Fest	Badminton	Trinity College of Engineering and Technology	2022-2023

14	Bantupalli Himaja	Collegiate Sports Fest	Throw ball	Trinity College of Engineering and Technology	2022-2023
15	Abdul Imran Basheer	Collegiate Sports Fest	Volley Ball	Trinity College of Engineering and Technology	2022-2023
16	Veeranki Murali Krishna	Collegiate Sports Fest	Badminton	Trinity College of Engineering and Technology	2022-2023
17	Rachakula Abdul Meeraz	Collegiate Sports Fest	Cricket	Trinity College of Engineering and Technology	2022-2023
18	Prathi Naga Nivas	Collegiate Sports Fest	Badminton	Trinity College of Engineering and Technology	2022-2023
19	Chittibomma Rahul	Collegiate Sports Fest	Cricket	Trinity College of Engineering and Technology	2022-2023
20	Sri Vamsi Kunche	Collegiate Sports Fest	Volley Ball	Trinity College of Engineering and Technology	2022-2023

Academic Year: 2023-24(CAYm1) Prize Winner

S. No	Name of the Students	Name of the Event	Topic	Venue	Date	Award/ Reward
1.	G.Charitha	Voice Association	Poster Presentation	Sri Vasavi Institute of Engineering And Technology	10-01-2024	First
2	K.Ruchithi	Voice Association	Poster Presentation	Sri Vasavi Institute of Engineering And Technology	2023-2024	First
3	M.Pallavi	Voice Association	Poster Presentation	Sri Vasavi Institute of Engineering And Technology	2023-2024	First
4	Y.Harathi	Voice Association	Poster Presentation	Sri Vasavi Institute of Engineering And Technology	2023-2024	First
5	M.Anjali	Voice Association	Poster Presentation	Sri Vasavi Institute of Engineering And Technology	2023-2024	First

6	CH.Mehra	Voice Association	PPT Presentation	Sri Vasavi Institute of Engineering And Technology	2023-2024	First
7	M.Ramya Sree	Voice Association	PPT Presentation	Sri Vasavi Institute of Engineering And Technology	2023-2024	First
8	P.Baby Anjali	Voice Association	Programming Quiz	Sri Vasavi Institute of Engineering And Technology	2023-2024	First
9	A.Praveen	Voice Association	Code Zone	Sri Vasavi Institute of Engineering And Technology	2023-2024	First
10	B.Siva jyothsna	Voice Association	Code Zone	Sri Vasavi Institute of Engineering And Technology	2023-2024	First
11	Sahera Begum	Voice Association	Template design	Sri Vasavi Institute of Engineering And Technology	2023-2024	First
12	Sahera Begum	Voice Association	JAM	Sri Vasavi Institute of Engineering And Technology	2023-2024	First
13	MD.Asfin	Voice Association	JAM	Sri Vasavi Institute of Engineering And Technology	2023-2024	First
14	S.D.Rezwana	Voice Association	Internal Womens Day	Sri Vasavi Institute of Engineering And Technology	2023-2024	First
15	M.Ramya Sree	Voice Association	Poster Presentation	Sri Vasavi Institute of Engineering And Technology	2023-2024	Second
16	A.Manaswini	Voice Association	PPT Presentation	Sri Vasavi Institute of Engineering And Technology	2023-2024	Second
17	R.Gayathri	Voice Association	PPT Presentation	Sri Vasavi Institute of Engineering And Technology	2023-2024	Second
18	B.V.PriyaMadhuri	Voice Association	PPT Presentation	Sri Vasavi Institute of Engineering And Technology	2023-2024	Second
19	E.Sruthi Bhavani	Voice Association	Programming Quiz	Sri Vasavi Institute of Engineering And Technology	2023-2024	Second

20	G.Udeep Srinagh	Voice Association	Programming Quiz	Sri Vasavi Institute of Engineering And Technology	2023-2024	Second
21	Gamya Sree	Voice Association	Code Zone	Sri Vasavi Institute of Engineering And Technology	2023-2024	Second
22	Bhavana	Voice Association	Code Zone	Sri Vasavi Institute of Engineering And Technology	2023-2024	Second
23	Mahadev	Voice Association	Code Zone	Sri Vasavi Institute of Engineering And Technology	2023-2024	Second
24	Radha krishan	Voice Association	Code Zone	Sri Vasavi Institute of Engineering And Technology	2023-2024	Second
25	R.Hema Sundar Sai	Voice Association	JAM	Sri Vasavi Institute of Engineering And Technology	2023-2024	Second
26	Venu Babu	Voice Association	Template design	Sri Vasavi Institute of Engineering And Technology	2023-2024	Second
27	R.Hema Sundar Sai	Voice Association	Template design	Sri Vasavi Institute of Engineering And Technology	2023-2024	Second
28	S.D.Rezwana	Voice Association	Mehandi	Sri Vasavi Institute of Engineering And Technology	07-03-2024	Second

Academic Year: 2023-24(CAYm1) Participation

Table 4.6.3.6: List of student participated at inter-institute event in the academic year 2023– 24.

S. No	Name of the Students	Name of the Event	Topic	Venue	Date
1.	CH.Mehra	Eyantra Innovation Challenge	Autonomous GPS navigated wheelchair for disabled individuals	PSG Institute of Technology and Applied Reasearch, Coimbatore	7th March,2024
2.	M.Ramya Sree	Eyantra Innovation Challenge	Autonomous GPS navigated wheelchair for disabled individuals	PSG Institute of Technology and Applied Reasearch, Coimbatore	7th March,2024

Academic Year: 2024-25(CAY) Prize Winner

S. No	Name of the Students	Name of the Event	Topic	Venue	Date	Award/ Reward
1.	D. Sharoon Pradeepa	Voice Association	Poster presentation	Sri Vasavi Institute of Engineering And Technology	24-09-2024	First
2	Ch. Sujana	Voice Association	Poster presentation	Sri Vasavi Institute of Engineering And Technology	24-09-2024	First
3	Sahera Begum	Voice Association	Paper Presentation	Sri Vasavi Institute of Engineering And Technology	08-10-2024	First
4	Mahadev	Voice Association	Code Zone	Sri Vasavi Institute of Engineering And Technology	22 -01-2025	First
5	Asfin	Voice Association	Code Zone	Sri Vasavi Institute of Engineering And Technology	22 -01-2025	First
6	Sahera Begum	Voice Association	JAM	Sri Vasavi Institute of Engineering And Technology	31 -01-2025	First
7	Mohammad Asfin	Voice Association	Tech Gadgets	Sri Vasavi Institute of Engineering And Technology	22-02-2025	First
8	R. Naga Raja Sree	Voice Association	Poster Presentation	Sri Vasavi Institute of Engineering And Technology	24-09-2024	Second
9	M. Jaya Sri	Voice Association	Poster Presentation	Sri Vasavi Institute of Engineering And Technology	24-09-2024	Second
10	Mohammad Asfin	Voice Association	Paper Presentation	Sri Vasavi Institute of Engineering And Technology	08-10-2024	Second
11	D. Sharon Pradeepa	Voice Association	Code Zone	Sri Vasavi Institute of Engineering And Technology	22 -01-2025	Second
12	Saranya	Voice Association	Code Zone	Sri Vasavi Institute of Engineering And Technology	22 -01-2025	Second

13	Mohammad Asfin	Voice Association	JAM	Sri Vasavi Institute of Engineering And Technology	31 -01-2025	Second
14	V.Thanusha	Voice Association	Tech Gadgets	Sri Vasavi Institute of Engineering And Technology	22-02-2025	Second
15	R. Hema Sundar Sai	Voice Association	JAM	Sri Vasavi Institute of Engineering And Technology	31 -01-2025	Second

Academic Year: 2024-25(CAY) Participation

Table 4.6.3.7: List of student participated at inter-institute event in the academic year 2024– 25.

S. No	Name of the Students	Name of the Event	Topic	Venue	Date
1.	Sk.Gulshan	Codestorm-2024	A 36-Hour National Level Hackathon	Narasimha reddy engineering college	26-10-2024
2.	P.Srilakshmi	Codestorm-2024	A 36-Hour National Level Hackathon	Narasimha reddy engineering college	26-10-2024
3.	J.B.V.S.Ram	Codestorm-2024	A 36-Hour National Level Hackathon	Narasimha reddy engineering college	26-10-2024
4.	D.S.V.N.Prasad	Codestorm-2024	A 36-Hour National Level Hackathon	Narasimha reddy engineering college	26-10-2024

5 FACULTY INFORMATION AND CONTRIBUTIONS (200)

Total Marks 185.02

Institute Marks :

Name	PAN No.	University Degree	Date of Receiving Degree	Area of Specialization	Research Paper Publications	Ph.D Guidance	Faculty receiving Ph.D during the assessment year	Current Designation	Date (Designated as Prof/Assoc. Prof.).	Initial Date of Joining	Association Type	At present working with the Institution(Yes/No)	In case of NO, Date of Leaving	IS HOD?
Dr.G.Syam Prasad	AIGPG6432Q	ME/M. Tech and PhD	30/12/2015	Computer Science & Systems Engineering	8	1	0	Professor	06/06/2022	06/06/2022	Regular	Yes		Yes
Dr B Raja Srinivasa Reddy	AHRPB0290P	ME/M. Tech and PhD	11/02/2014	CSE	12	1	1	Professor	02/06/2018	02/06/2018	Regular	Yes		No
Dr.P.Samba Siva Rao	AQUPP5409Q	ME/M. Tech and PhD	31/07/2019	CSE	1	0	0	Associate Professor	07/06/2024	07/06/2024	Regular	Yes		No
Dr.Ch.V.Phani krishna	AHJPC3106H	ME/M. Tech and PhD	28/09/2013	CSE	0	0	0	Professor	01/06/2022	01/06/2022	Regular	Yes		No
Dr.B.Srinivasa Rao	AJXPB2879G	ME/M. Tech and PhD	03/04/2014	CSE	0	0	0	Associate Professor	06/06/2022	06/06/2022	Regular	Yes		No
S.V.C.Gupta	ATFPS9165A	M.E/M.Tech	29/06/2002	Computer Science & Technology	9	0	0	Assistant Professor		06/06/2008	Regular	Yes		No
N.Anil Kumar	ACMPN3120C	M.E/M.Tech	31/01/2002	Computer Science & Technology	6	0	0	Assistant Professor		20/07/2020	Regular	Yes		No
Sheik Ahmed Mohiddin	BOTPS7366K	M.E/M.Tech	30/04/2010	Information Technology	7	0	0	Assistant Professor		02/01/2021	Regular	Yes		No
Mohammed Ahmed	AYGPM6669R	M.E/M.Tech	30/11/2011	CSE	9	0	0	Assistant Professor		18/10/2010	Regular	Yes		No
V.P.S.Vinaya Kumar	AOWPV7404B	M.E/M.Tech	31/12/2012	CSE	0	0	0	Assistant Professor		15/05/2019	Regular	Yes		No
B.Indra Devi	BVUPV6987K	M.E/M.Tech	31/10/2018	CSE	6	0	0	Assistant Professor		21/08/2019	Regular	Yes		No
V.Ganesh Dutt	AGEPV2863J	M.E/M.Tech	30/11/2012	CSE	0	0	0	Assistant Professor		16/11/2019	Regular	Yes		No
V.M.R.Krishna Rao	AYJPV9398P	M.E/M.Tech	30/04/2015	CSE	5	0	0	Assistant Professor		18/02/2020	Regular	Yes		No
P.Ashok Kumar	ANDPA3676J	M.E/M.Tech	30/11/2012	CSE	6	0	0	Assistant Professor		22/07/2020	Regular	Yes		No
A.Annapurna	BFHPA6396E	M.E/M.Tech	31/12/2015	CSE	3	0	0	Assistant Professor		08/02/2021	Regular	Yes		No
M.Madhusudhana Rao	BQDPM3609K	M.E/M.Tech	31/07/2018	CSE	6	0	0	Assistant Professor		03/04/2021	Regular	Yes		No

K.Venkateswara Rao	BYSPK3330A	M.E/M.Tech	31/12/2013	CSE	7	0	0	Assistant Professor		18/08/2021	Regular	Yes		No
M.Naresh Babu	BQRPM5286L	M.E/M.Tech	31/07/2010	CSE	6	0	0	Assistant Professor		18/10/2021	Regular	Yes		No
D.Aruna	ATFPD3057L	M.E/M.Tech	29/02/2016	CSE	6	0	0	Assistant Professor		06/04/2022	Regular	Yes		No
MD.Shamsheer	CLWPM6564L	M.E/M.Tech	31/05/2018	CSE	1	0	0	Assistant Professor		01/07/2022	Regular	Yes		No
Md.Ameer Raza	AXNPM8969L	M.E/M.Tech	29/02/2012	CSE	4	0	0	Assistant Professor		05/07/2022	Regular	Yes		No
R.Venkateswara rao	BUHPR6425E	M.E/M.Tech	29/11/2014	CSE	0	0	0	Assistant Professor		05/07/2022	Regular	Yes		No
G.Nancharaiah	BICPG3953K	M.E/M.Tech	30/11/2021	CSE	3	0	0	Assistant Professor		12/07/2022	Regular	Yes		No
T.veena	BMYPT1870N	M.E/M.Tech	30/01/2021	CSE	3	0	0	Assistant Professor		13/03/2023	Regular	Yes		No
M.Naga Vamsi	CNZPM4154K	M.E/M.Tech	31/12/2015	CSE	3	0	0	Assistant Professor		23/05/2023	Regular	Yes		No
K.Divya	BSSPK7867E	M.E/M.Tech	31/12/2014	CSE	3	0	0	Assistant Professor		05/06/2023	Regular	Yes		No
Ch.siva Ramamohan Rao	AFUPC8730N	M.E/M.Tech	29/02/2012	CSE	0	0	0	Assistant Professor		01/06/2023	Regular	Yes		No
Ch.swathi	AISPC9671M	M.E/M.Tech	30/11/2012	CSE	2	0	0	Assistant Professor		01/07/2023	Regular	Yes		No
M.Prasanthi	AJBPM2766K	M.E/M.Tech	31/12/2013	CSE	2	0	0	Assistant Professor		03/07/2023	Regular	Yes		No
P.Sirisha	DVXPP2846A	M.E/M.Tech	30/06/2017	CSE	0	0	0	Assistant Professor		03/06/2024	Regular	Yes		No
K.Bindu Priya	GNDPP2429E	M.E/M.Tech	31/03/2023	CSE	0	0	0	Assistant Professor		11/06/2024	Regular	Yes		No
M.Pravallika	BJZPP3061K	M.E/M.Tech	30/11/2016	CSE	0	0	0	Assistant Professor		08/07/2024	Regular	Yes		No
VNK Veni Kanikcharla	BSUPK4231J	M.E/M.Tech	31/12/2014	CSE	0	0	0	Assistant Professor		08/07/2022	Regular	Yes		No
Ch Mary	BHDPC2337M	M.E/M.Tech	31/08/2016	CSE	4	0	0	Assistant Professor		05/05/2022	Regular	No	22/06/2024	No
Ch .Prabhavathi	BHDPC2338E	M.E/M.Tech	27/02/2021	CSE	3	0	0	Assistant Professor		01/07/2022	Regular	No	22/06/2024	No
K.Chiranjeevi	BPSPK5502B	M.E/M.Tech	31/12/2013	CSE	2	0	0	Assistant Professor		01/07/2023	Regular	No	15/07/2024	No

K.Anusha	DJWPK8841R	M.E/M.Tech	29/06/2019	CSE	0	0	0	Assistant Professor		05/06/2023	Regular	No	27/06/2024	No
Allada Pavan kumar	AQTPP6294L	M.E/M.Tech	31/07/2009	CSE	2	0	0	Assistant Professor		25/06/2009	Regular	No	29/06/2024	No
P.Siva naga Raju	AVHPP8227E	M.E/M.Tech	31/12/2011	CSE	0	0	0	Assistant Professor		10/06/2017	Regular	No	29/07/2023	No
N.Ranga Sree	AYIPN5452H	M.E/M.Tech	31/05/2014	CSE	2	0	0	Assistant Professor		06/05/2021	Regular	No	29/07/2023	No
Dr G.Sambasiva rao	AGVPG0571D	ME/M. Tech and PhD	30/04/2007	Computer Science Engineering	0	0	0	Professor	11/07/2022	11/07/2022	Regular	Yes		No

5.1 Student-Faculty Ratio (20)

Total Marks 18.00

Institute Marks : 18.00

UG

No. of UG Programs in the Department 1

Computer Science and Engineering						
Year of Study	**CAY**		**CAYm1**		**CAYm2**	
	(2024-25)		**(2023-24)**		**(2022-23)**	
	Sanction Intake	**Actual admitted through lateral entry students**	**Sanction Intake**	**Actual admitted through lateral entry students**	**Sanction Intake**	**Actual admitted through lateral entry students**
2nd Year	240	24	180	18	120	12
3rd Year	180	18	120	12	120	12
4th Year	120	12	120	12	120	12
Sub-Total	**540**	**54**	**420**	**42**	**360**	**36**
Total	**594**		**462**		**396**	
Grand Total	594		462		396	

PG

No. of PG Programs in the Department 1

Computer Science and Engineering			
Year of Study	**CAY(2024-25)**	**CAYm1(2023-24)**	**CAYm2 (2022-23)**
	Sanction Intake	**Sanction Intake**	**Sanction Intake**
1st Year	9	9	9
2nd Year	9	9	9
Total	**18**	**18**	**18**
Grand Total	18	18	18

SFR

No. of UG Programs in the Department 1

No. of PG Programs in the Department 1

Description	CAY(2024-25)	CAYm1 (2023-24)	CAYm2 (2022-23)
Total No. of Students in the Department(S)	612 **Sum total of all (UG+PG) students**	480 **Sum total of all (UG+PG) students**	414 **Sum total of all (UG+PG) students**
No. of Faculty in the Department(F)	34 **F1**	35 **F2**	29 **F3**
Student Faculty Ratio(SFR)	18.00 **SFR1=S1/F1**	13.71 **SFR2=S2/F2**	14.28 **SFR3=S3/F3**
Average SFR	15.33 **SFR=(SFR1+SFR2+SFR3)/3**		
F=Total Number of Faculty Members in the Department (excluding first year faculty)			

Note: All the faculty whether regular or contractual (except Part-Time), will be considered. The contractual faculty (doing away with the terminology of visiting/adjunct faculty, whatsoever) who have taught for 2 consecutive semesters in the corresponding academic year on full time basis shall be considered for the purpose of calculation in the Faculty Student Ratio. However, following will be ensured in case of contractual faculty:

1. Shall have the AICTE prescribed qualifications and experience.
2. Shall be appointed on full time basis and worked for consecutive two semesters during the particular academic year under consideration.
3. Should have gone through an appropriate process of selection and the records of the same shall be made available to the visiting team during NBA visit

5.1.1. Provide the information about the regular and contractual faculty as per the format mentioned below:

	Total number of regular faculty in the department	Total number of contractual faculty in the department
CAY(2024-25)	34	0
CAYm1(2023-24)	35	0
CAYm2(2022-23)	29	0

Average SFR for three assessment years : 15.33

Assessment SFR : 18

5.2 Faculty Cadre Proportion (25) Total Marks 25.00

Institute Marks : 25.00

Year	Professors		Associate Professors		Assistant Professors	
	Required F1	Available	Required F2	Available	Required F3	Available
CAY(2024-25)	3.00	4.00	6.00	2.00	20.00	28.00
CAYm1(2023-24)	2.00	4.00	5.00	1.00	16.00	30.00
CAYm2(2022-23)	2.00	4.00	4.00	1.00	13.00	24.00
Average Numbers	2.33	4.00	5.00	1.33	16.33	27.33

Cadre Ratio Marks [(AF1 / RF1) + [(AF2 / RF2) * 0.6] + [(AF3 / RF3) * 0.4]] * 12.5 : 25.00

5.3 Faculty Qualification (25)

Total Marks 17.02

Institute Marks : 17.02

	X	Y	F	FQ = 2.5 x [(10X + 4Y) / F)]
2024-25(CAY)	6	28	30.00	14.33
2023-24(CAYm1)	5	30	23.00	18.48
2022-23(CAYm2)	5	24	20.00	18.25

Average Assessment : 17.02

5.4 Faculty Retention (25)

Total Marks 25.00

Institute Marks : 25.00

Description	2023-24	2024-25
No of Faculty Retained	27	24
Total No of Faculty	20	20
% of Faculty Retained	135	120

Average : 128.00

Assessment Marks : 25.00

5.5 Innovations by the Faculty in Teaching and Learning (20)

Total Marks 20.00

Institute Marks : 20.00

Table5.5.1: Summary of Innovative Teaching learning brought in by the Faculty for Academic Year: 2023–24 (CAYm1)

S. No	Faculty Name	Class-Year	Course	topics	Methodology/AID
1	Ch.Mary	II-I	Object Oriented Programming Through C++	Lists, Maps	Seminars / Flipped Classroom
2	K.Chiranjeevi	III-I	Computer Networks	Email , Email Security	Quiz
3	K.Venkateswara Rao	IV-I	Deep Learning Techniques	Keras	PPT / Video Link
4	B.Indra Devi	II-II	Database Management Systems	Indexes and Performance Tuning	Self Learning
5	P.Ashok Kumar	III-II	Compiler Desing	Flow Graphs, Loop Optimization	NPTEL Videos

Table5.5.2: Summary of Innovative Teaching learning brought in by the Faculty for Academic Year: 2022–23 (CAYm2)

S. No	Faculty Name	Class-Year	Course	topics	Methodology/AID
1	Ch.Prabhavathi	II-I	Operating Systems	Deadlock Avoidance, Deadlock Prevention	PPT / Video Link
2	P.Ashok Kumar	III-I	Data Warehousing And Data Mining	Visual Mining for Decision Tree Induction	Quiz
3	SVC GUPTA	IV-I	Cryptography and Network Security	System Security : Users, Trusted Systems	Self Learning
4	Sk.Ahmed Mohiddin	II-II	Java Programming	Nested Try and Catch Blocks	Seminars / Flipped Classroom
5	B. Indra devi	III-II	Machine Learning	Using Clustering for Image Segmentation	NPTEL Videos

Table5.5.3: Summary of Innovative Teaching learning brought in by the Faculty for Academic Year: 2021–22 (CAYm3)

S. No	Faculty Name	Class-Year	Course	topics	Methodology/AID
1	N. Anil Kumar	II-I	Software Engineering	Software Architecture	Self Learning
2	Sk. Ahmed Mohiddin	III-I	Data Warehousing And Data Mining	Data Mining Techniques	Quiz
3	N.Ranga Sree	IV-I	Web Technologies	Arrays	Seminars / Flipped Classroom

4	P.Ashok Kumar	II-II	DBMS	Database System Structure, Environment	NPTEL Videos
5	B.Indra Devi	IV-II	Artificial Neural Network	State - Space Concepts	PPT / Video Link

Pedagogical initiatives

The faculty members of the department adopted the following innovative teaching and learning methodologies to create the best learning environment for the students:
List of Teaching learning Methodologies:

1. PPT
2. Co-Operative Learning
3. Inquiary based Instruction
4. Differentiation
5. Technology
6. Virtual Lab
7. NPTEL Videos
8. Seminars
9. Brain Storming
10. Buzz Group
11 Animated Lectures
12. Pictorial Sessions
13. Debate Session
14. Quiz
15. OHP
16.Self Learning
17. Google Classroom

A. Availability of work in Institute website (4)

Table 5.5.4:List of pedagogical initiatives by the faculty members

AcadenicYear:2023-24(CAYm1)

S.No	Name of the Faculty	No. of Teaching Learning methodologies used	Link of webpage/blog/Google classroom/LMS etc.
1	Dr. G. Syam Prasad	1	http://103.208.229.211/newecap/resources/SPM%20Unit-1_3388.pdf
2	K. Venkateswara Rao	1	http://103.208.229.211/newecap/resources/Deep%20Learning%20unit%201_4797.pdf
3	P.Ashok Kumar	1	http://103.208.229.211/newecap/resources/IVCSEBLOCKCHAIN%20ALL%20UNITS_4072.pdf
4	D.Aruna	1	http://103.208.229.211/newecap/resources/java%20notes%20unit-1_4452.pdf
5	V M R Krishna Rao	1	http://103.208.229.211/newecap/resources/daa%20materials%20R20_5083.pdf

Table 5.5.5: List of pedagogical initiatives by the faculty members

AcademicYear:2022-23(CAYm2)

S.No	Name of the Faculty	No. of Teaching Learning methodologies used	Link of webpage/blog/Google classroom/LMS etc.
1	B. Indra Devi	1	http://103.208.229.211/newecap/resources/cloud%20computing_2006.pdf
2	Sk . Ahmed Mohiddin	1	http://103.208.229.211/newecap/resources/DWDM%20Notes_3014.pdf

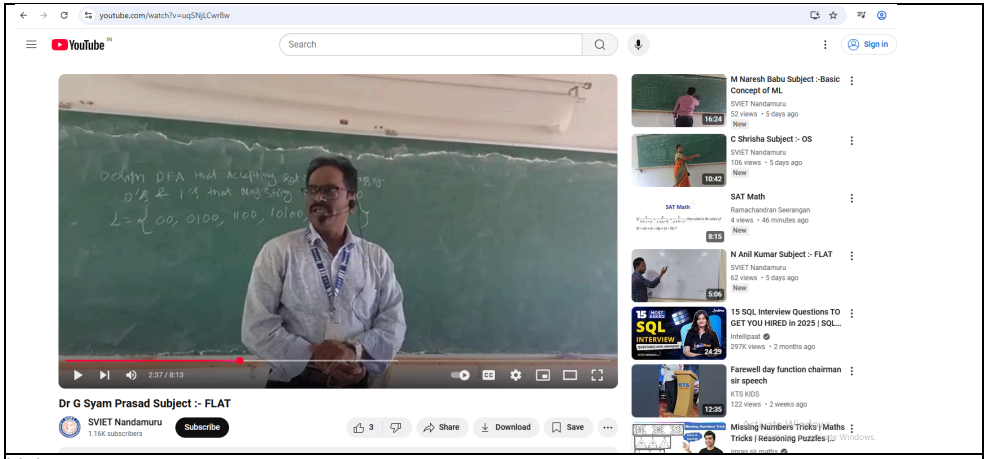
3	M. Naresh Babu	1	http://103.208.229.211/newecap/resources/ml_4584.pdf
4	P. Ashok Kumar	1	http://103.208.229.211/newecap/resources/compiler%20design%20complete%20notes_448.pdf
5	G.Nanchariah	1	http://103.208.229.211/newecap/resources/OS%20UNIT-1_745.pdf

Table 5.5.6: List of pedagogical initiatives by the faculty members

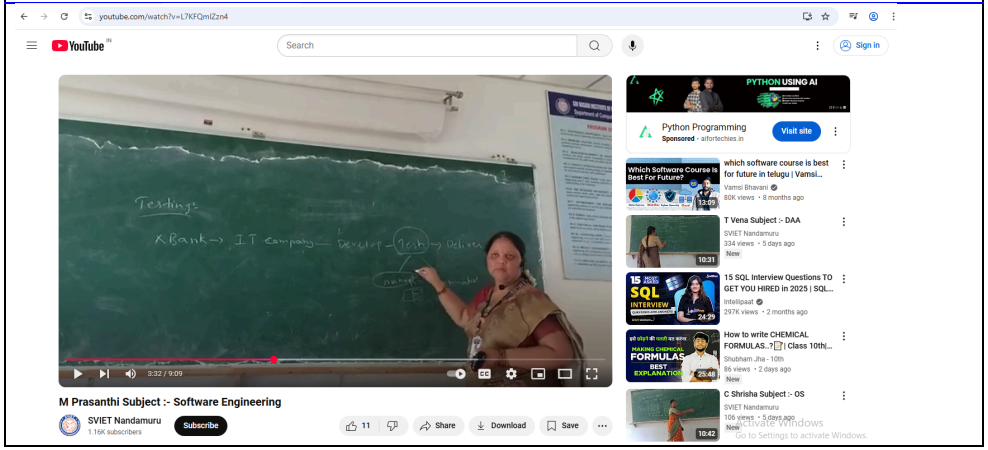
AcademicYear:2021-22(CAYm3)

S.No	Name of the Faculty	No. of Teaching Learning methodologies used	Link of webpage/blog/Google classroom/LMS etc.
1	N Anil Kumar	1	http://103.208.229.211/newecap/resources/BDA_5401.pdf
2	M Naga Vamsi	1	http://103.208.229.211/newecap/resources/IOT%20UNIT1_5191.pdf
3	MD.Ahmed	1	http://103.208.229.211/newecap/resources/oops%20notes_1582.pdf
4	K.Chiranjeevi	1	http://103.208.229.211/newecap/resources/CNS%20Notes_3027.pdf
5	A.Pavan Kumar	1	http://103.208.229.211/newecap/resources/FLAT%20UNIT-II%20notes_3250.pdf

Sample Innovations of the faculty available in website



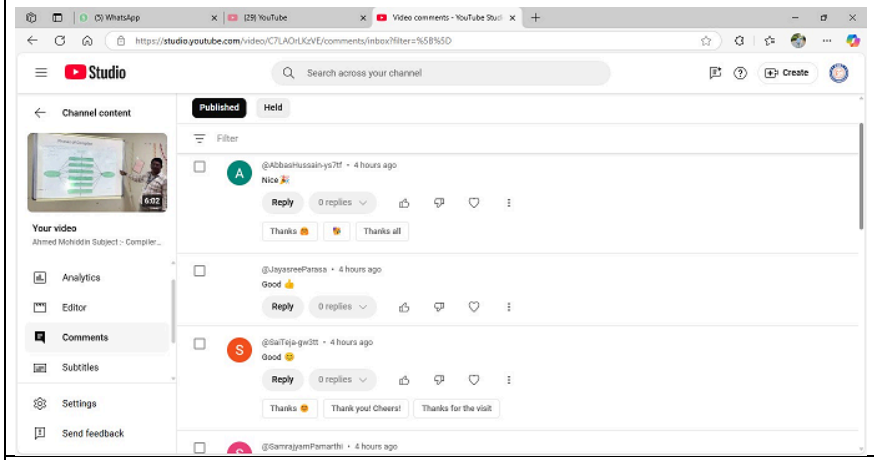
Link: https://www.youtube.com/watch?v=uqSNjLCwr8w (https://www.youtube.com/watch?v=uqSNjLCwr8w)



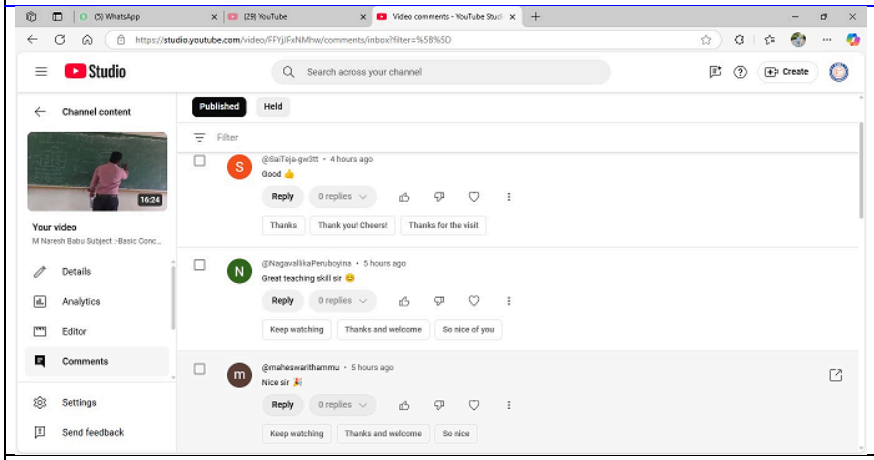
Link: https://www.youtube.com/watch?v=L7KFQmlZzn (https://www.youtube.com/watch?v=L7KFQmlZzn4)4

Figure5.5.1:Faculty Innovations in Institutes Departmental Webpage

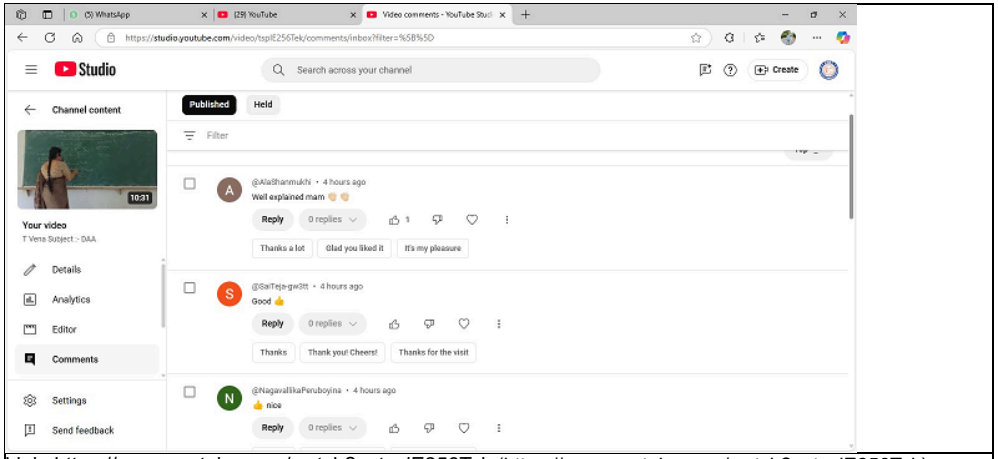
B. Availability of peer reviews and critiques (4)



Link:https://www.youtube.com/watch?v=C7LAOrLKzVE (https://www.youtube.com/watch?v=C7LAOrLKzVE)



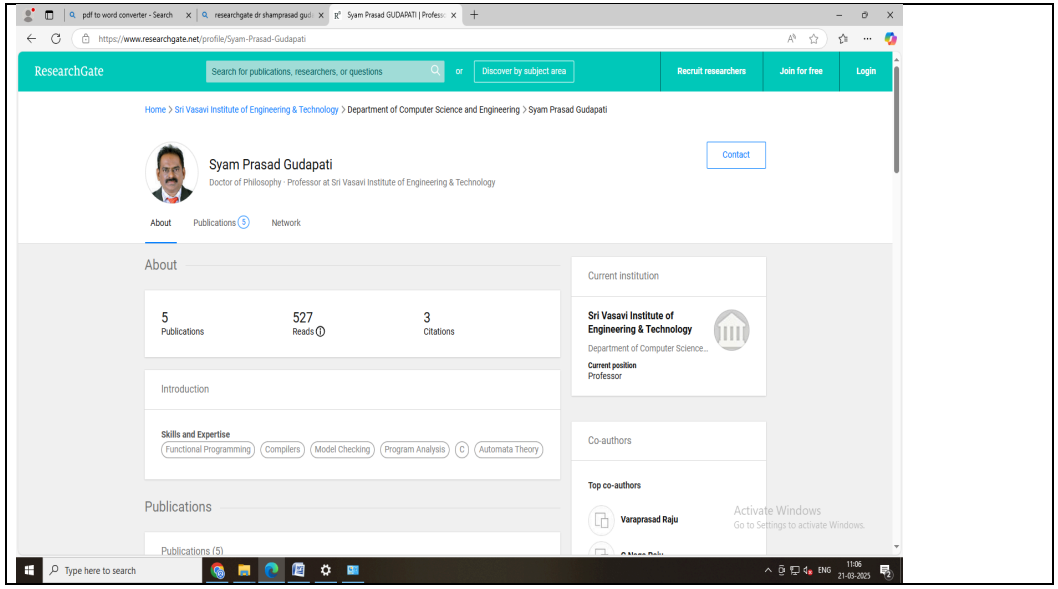
Link: https://www.youtube.com/watch?v=FFYjJFxNMhw (https://www.youtube.com/watch?v=FFYjJFxNMhw)

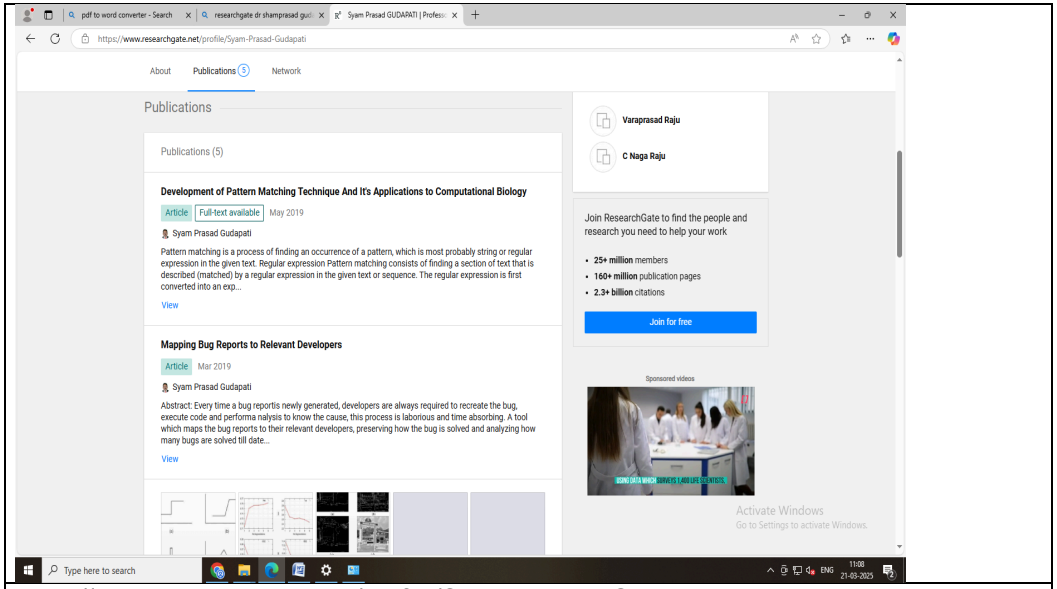


Link: https://www.youtube.com/watch?v=tsplE256Tek (https://www.youtube.com/watch?v=tsplE256Tek)

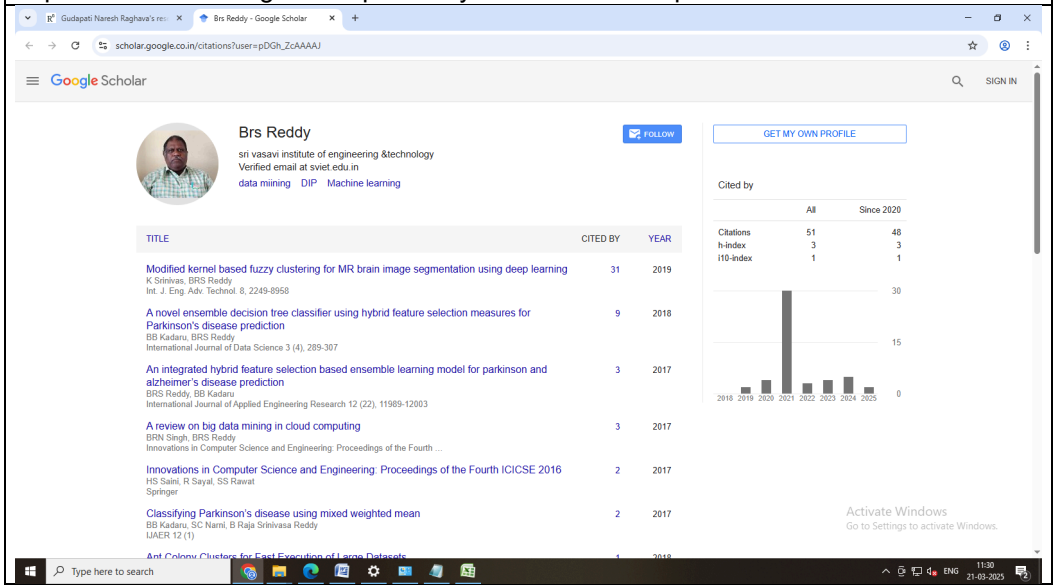
Figure5.5.2:Faculty Innovations Peer Reviews

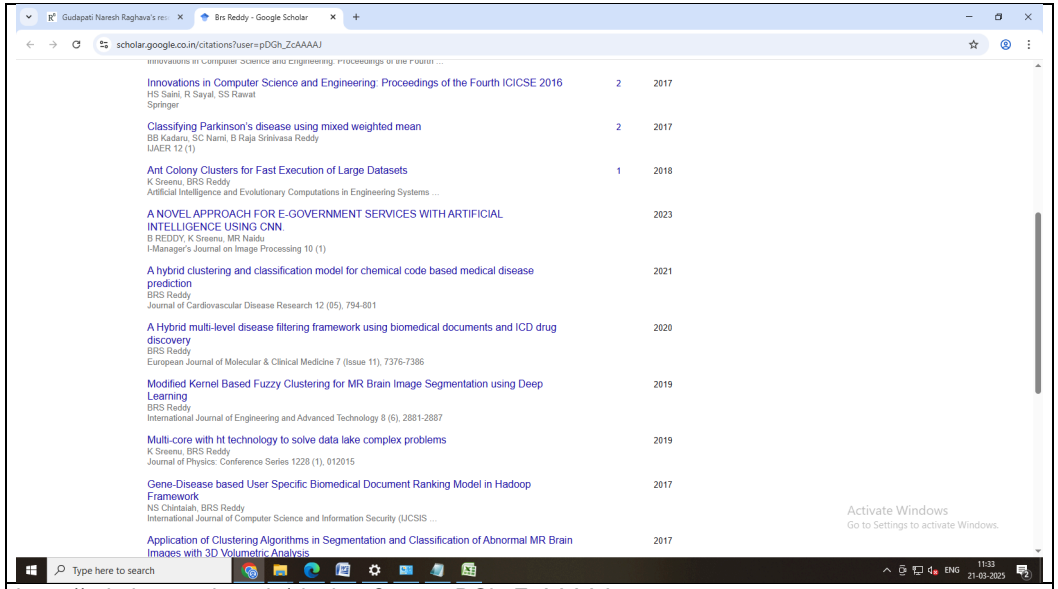
C. The work must be reproducible and developed further by other scholars (2)





https://www.researchgate.net/profile/Syam-Prasad-Gudapati





https://scholar.google.co.in/citations?user=pDGh_ZcAAAAJ

Figure 5.5.3:Faculty Innovations reproducible and developed further by other scholars

D. Statement of clear goals,use of appropriate methods, significance of results, effective presentation and reflective critique (10)

Table5.5.7: Faculty Innovations use of appropriate methods & reflective critique

SVIET CSE Faculty Sample You tube Lecture Videos			
S.No	**Name of the faculty**	**subject**	**Youtube link**
1	B Indira Devi	OS	https://youtu.be/2FcCcSZq65Y
2	Dr Syam Prasad	FLAT	https://youtu.be/uqSNjLCwr8w
3	M MadhusudhanaRao	ADS	https://youtu.be/7LPCvFkkJ6A
4	M Naga Vamsi	IOT & APPLICATIONS	https://youtu.be/oUX0xFdUgE8
5	Ahmed Mohiddin	COMPILER DESIGN & PHASES	https://youtu.be/C7LAOrLKzVE
6	Ch Swathi	CNS	https://youtu.be/0QtJMszVJyA
7	K Venkateswararao	ML	https://youtu.be/qfO1ZTAwq_E
8	M Prasanthi	SE	https://youtu.be/L7KFQmlZzn4
9	M Naresh Babu	BASIC CONCEPTS OF ML	https://youtu.be/FFYjJFxNMhw
10	P Shirisha	OS	https://youtu.be/AuUYNNzv1x4
11	N Anil Kumar	FLAT	https://youtu.be/pwRSrAv13dc
12	T Veena	DAA	https://youtu.be/tsplE256Tek

5.6 Faculty as participants in Faculty development/training activities/STTPs (15)

Total Marks 15.00

Institute Marks : 15.00

Name of the faculty	Max 5 Per Faculty		
	2023-24 (CAYm1)	2022-23 (CAYm2)	2021-22 (CAYm3)
Dr.G.Syam Prasad	3.00	3.00	0.00
Dr B Raja SrinivasaReddy	3.00	3.00	4.00
Dr.Ch.V.Phani krishna	2.00	2.00	0.00
Dr.B.Srinivasa Rao	2.00	2.00	0.00
Dr.G.Sambasiva rao	2.00	2.00	0.00
S.V.C.Gupta	2.00	3.00	4.00
N.AnilKumar	4.00	4.00	5.00
SheikAhmed Mohiddin	5.00	5.00	5.00
Mohammed Ahmed	5.00	5.00	4.00
V.P.S.Vinaya Kumar	2.00	3.00	5.00
B.IndraDevi	5.00	3.00	5.00
V.GaneshDutt	5.00	5.00	5.00
V.M.R.Krishna Rao	5.00	5.00	5.00
P.AshokKumar	5.00	5.00	5.00
A.Annapurna	4.00	3.00	4.00
M.Madhusudhana Rao	5.00	5.00	5.00
K.Venkateswara Rao	4.00	5.00	5.00
M.NareshBabu	4.00	5.00	5.00
D.Aruna	4.00	5.00	4.00
MD.Shamsheer	4.00	5.00	0.00
Md.AmeerRaza	3.00	3.00	0.00
R.Venkateswara rao	2.00	2.00	0.00

G.Nancharaiah	5.00	5.00	0.00
T.veena	5.00	0.00	0.00
M.NagaVamsi	5.00	0.00	5.00
K.Divya	2.00	0.00	0.00
Ch.siva RamamohanRao	2.00	0.00	0.00
Ch.swathi	3.00	0.00	0.00
M.Prasanthi	4.00	0.00	0.00
VNK Veni Kanikcharla	2.00	2.00	0.00
Ch Mary	4.00	5.00	4.00
Ch.Prabhavathi	4.00	5.00	0.00
K.Chiranjeevi	5.00	0.00	5.00
K.Anusha	5.00	0.00	0.00
AlladaPavan kumar	2.00	4.00	5.00
P.Siva nagaRaju	0.00	5.00	5.00
N.Ranga Sree	0.00	5.00	5.00
Sum	128.00	114.00	99.00
RF = Number of Faculty required to comply with 20:1 Student Faculty Ratioas per 5.1	30.60	24.00	20.70
Assessment [3*(Sum / 0.5RF)]	25.10	28.50	28.70

Average assessment over 3 years: 27.43

5.7 Research and Development (30) Total Marks 25.00

5.7.1 Academic Research (10)

Institute Marks : 10.00

A.Number of quality publications in refereed /SCI Journals ,citations, Books/ Book Chapters etc. (6)

Table5.7.1.1:Summary of faculty publications in assessment period

Number of quality publications in refereed/SCI Journals

Academic Year	CAYm1(2023-24)	CAYm2(2022-23)	CAYm3(2021-22)
No. of Publications	53	39	30
No.of Books/Book chapters	3	-	-
No.of patents	2	1	-

Details of books, book chapters during the year 2023-2024

Sl. No.	Name of the Faculty	Title of the Book published	Title of the Chapter published	Title of the proceedings of the conference	Name of the conference	National / International	Year and month of publication	ISBN of the Book/Conference Proceeding
1	K.Venkateswara Rao	A Review on Machine Learniong and Deep Learning Techniques	NCDT-2023	NCDT-2023	AU-(NCDT-2023)	National	Jul-23	978-93-5915-224-0
2	M.Nagavamsi	A Novel Cyberbullying Detection Framework using Machine Learning Techniques	NCDT-2023	NCDT-2023	AU-(NCDT-2023)	National	Jul-23	978-93-5915-224-0
3	Dr. G.Syam Prasad	Explainable Artificial Intelligence in Healthcare Systems	Abnormal Sound Detection in Lungs Using Vest-Coat Stethoscope Using Deep Learning Algorithm	-	-	-	2024	979-8-89113-598-7

Details of Patents during the year 2023-2024

Sl. No.	Author of patent	Title of the invention	Application No	Published Date	National/International

1	Mr.Naresh Babu Merugu	Design and evaluation of an IoT systems machine learning security framework	202341025123 A	5/5/2023	INDIA
2	Mr.Naresh Babu Merugu	Representative Fish Movement Patterns Using IOT and Deep Learning	202341030909 A	5/5/2023	INDIA

Details of Patents during the year 2022-23

Sl. No.	Author of patent	Title of the invention	Application No	Published Date	National/International
1	Dr. B.R.S.Reddy	E-Authentication system using Eye Blinking and Deep Learning	202241001658 A	01/12/2022	INDIA

Table5.7.1.1(2)Details of Faculty Research Publications

Assessment Period	**No. of Publications**	**No. of Scopus/SCI**	**No .of UGC Care/ AICTE Approved**
	122	5	117

Table5.7.1.1.3 Details of Faculty Research Publications during assessment period

Assessment Year	**No.of Publications**	**No.of Scopus/SCI**	**No .of UGC Care/ AICTE Approved**
2023-24	53	4	49
2022–23	39	1	38
2021–22	30	-	30

Faculty Publications:

Table5.7.1.2:Faculty publications during assessment period(academic year–wise)

S No.	**Name of the Faculty**	**CAYm1(2023-24)**	**CAYm2(2022–23)**	**CAYm3(2021–22)**
1	Dr.G.Syam Prasad	5	-	-
2	Dr B Raja SrinivasaReddy	2	4	5
3	S.V.C.Gupta	2	5	2
4	N.AnilKumar	2	2	2
5	SheikAhmed Mohiddin	2	2	2
6	Mohammed Ahmed	3	3	2

7	B.IndraDevi	2	2	2
8	V.M.R.Krishna Rao	2	2	1
9	P.AshokKumar	2	2	2
10	A.Annapurna	-	2	1
11	M.Madhusudhana Rao	2	3	1
12	K.Venkateswara Rao	2	2	2
13	M.NareshBabu	2	2	2
14	D.Aruna	2	2	2
15	MD.Shamsheer	1	-	-
16	Md.AmeerRaza	4	-	-
17	G.Nancharaiah	1	2	-
18	T.veena	3	-	-
19	M.NagaVamsi	2	-	-
20	K.Divya	3	-	-
21	Ch.swathi	2	-	-
22	M.Prasanthi	2	-	-
23	ChMary	2	2	-
24	Ch.Prabhavathi	1	2	-
25	K.Chiranjeevi	2	-	-
26	AlladaPavan kumar	-	-	2
27	N.Ranga Sree	-	-	2

Academic Year: 2023-2024

S.NO	Name of the Faculty	Title of the Paper	Name of the Journal	VOL/ISSUE NO	YEAR	ISSN	Link to the notification in UGC enlistment of the Journal

1	Dr. G.Syam Prasad	A Mathematical model for secure Cloud-IoT Communication: Introducing the revolutionary lightweight key mechanism	Journal of Discrete Mathematical Sciences & Cryptography	26/5	2023	0972-0529(print) 2169-0065(online)	https://tarupublications.com/doi/10.47974/JDMSC-1750 (https://tarupublications.com/doi/10.47974/JDMSC-1750)
		securing wireless sensor network from node capture attack using an efficient optimization defence strategy model	Journal of Discrete Mathematical Sciences & Cryptography	26/5	2023	0972-0529(print) 2169-0065(online)	https://tarupublications.com/doi/10.47974/JDMSC-1771 (https://tarupublications.com/doi/10.47974/JDMSC-1771)
		Multiplayer reputation-based coalition game model(MRCGM) with dominant strategy analysis for detecting malicious attacks in wireless sensor networks	Journal of Discrete Mathematical Sciences & Cryptography	26/5	2023	0972-0529(print) 2169-0065(online)	https://tarupublications.com/doi/10.47974/JDMSC-1772 (https://tarupublications.com/doi/10.47974/JDMSC-1772)
		PEN STROKE DIGIT RECOGNITION USING CNN	IJSRCSEIT	10/2	2024	2456-3307	https://ijsrcseit.com/index.php/home/article/view/CSEIT24102103/CSEIT24102103 (https://ijsrcseit.com/index.php/home/article/view/CSEIT24102103/CSEIT24102103)
		DETECTION OF PHISHING WEBSITE USING LGBM	International Journal of applied science engineering and management	18/2	2024	2454-9940	https://ijsrcseit.com/index.php/home/article/view/CSEIT24102103 (https://ijsrcseit.com/index.php/home/article/view/CSEIT24102103)
2	Dr.B.R.S.Reddy	DETERMINING CUSTOMER LOAN ELIGIBILITY	IJASEM	18/2	2024	2454-9940	https://www.ijasem.org/ijasemadmin/upload/ijlbps_6620e436522a8.pdf (https://www.ijasem.org/ijasemadmin/upload/ijlbps_6620e436522a8.pdf)
		IDENTIFICATION OF OFFENCE HOTSPOT USING RANDOM FOREST ALGORITHM	INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING RESEARCH AND TECHNOLOGY	16/2	2024	2454-5x	https://www.ijmert.net/ijmertadmin/upload/IJASVM_6626793fe7bc2.pdf (https://www.ijmert.net/ijmertadmin/upload/IJASVM_6626793fe7bc2.pdf)

3	S.V.C.Gupta	FINANCIAL RISK MANAGEMENT IN THE CRYPTOCURRENCY MARKET: AN ANALYSIS DRIVEN BY MACHINE LEARNING	JNAO	15/1	2024	1906-9685	https://www.jnao-nu.com/Vol.%2015,%20Issue.%2001,%20January-June%20:%202024/294_online.pdf (https://www.jnao-nu.com/Vol.%2015,%20Issue.%2001,%20January-June%20:%202024/294_online.pdf)
		PREDICT RATINGS BASED ON USER REVIEWS WITH SENTIMENT ANALYSIS AND SUPERVISED LEARNING	Journal of Nonlinear Analysis and optimization	15/1	2024	1906-9685	https://jnao-nu.com/Vol.%2015,%20Issue.%2001,%20January-June%20:%202024/293_online.pdf (https://jnao-nu.com/Vol.%2015,%20Issue.%2001,%20January-June%20:%202024/293_online.pdf)
4	N. Anil Kumar	MACHINE LEARING TECHNIQUES FOR NETWORK INTRUSION DETECTION SYSTEM	International Journal of applied science engineering and management	18/2	2024	2454-9940	https://www.ijasem.org/ijasemadmin/upload/ijlbps_6620e37b103c1.pdf (https://www.ijasem.org/ijasemadmin/upload/ijlbps_6620e37b103c1.pdf)
		Deloping the frame work using deep nural network for detection of spam and fake spame messages in twitter	International journal of scientific reserach in computer science,engineering and information technology	10/2	2024	2456-3307	https://ijsrcseit.com/index.php/home/article/view/CSEIT2410289 (https://ijsrcseit.com/index.php/home/article/view/CSEIT2410289)
5	SK.Ahmed Mohiddin	INDEX-BASED CLASSIFICATION	IJERST	17/2	2024	2319-5991	https://www.ijerst.com/ijerstadmin/upload/ijlbps_6620dfc4cf559.pdf (https://www.ijerst.com/ijerstadmin/upload/ijlbps_6620dfc4cf559.pdf)
		Fire detection systems using feature entropy guided neural network	International Journal of scientific reserach in computer science,engineering and information technology	10/2	2024	2456-3307	https://ijsrcseit.com/index.php/home/article/view/CSEIT2410287 (https://ijsrcseit.com/index.php/home/article/view/CSEIT2410287)

6	MD. Ahmed	ONLINE JOB PORTAL	IJERST	17/2	2024	2319-5991	https://www.ijerst.com/ijerstadmin/upload/ijlbps_6620e01889b04.pdf (https://www.ijerst.com/ijerstadmin/upload/ijlbps_6620e01889b04.pdf)
		A Hybrid Support Vector Machine and Artificial Neural Network Based Cyber Security Framework	SSRG International Journal of Electronics and Communication Engineering	11/1	2024	2348-8549	https://www.internationaljournalssrg.org/IJECE/paper-details?Id=528 (https://www.internationaljournalssrg.org/IJECE/paper-details?Id=528)
		STOCK PRICE PREDICTION AND ANALYSIS USING DEEP LEARNING	International Journal of marketing management	16/2	2024	2454-5007	https://ijmm.net/ijmmadmin/upload/ijlbps_6624fb9447ac9.pdf (https://ijmm.net/ijmmadmin/upload/ijlbps_6624fb9447ac9.pdf)
7	V.M.R.Krishna Rao	RECOGNIZING AND VERIFYING THE HANDWRITTEN FIELDS ON CHEQUES USING FILTERING TECHNIQUES	IJSRSET	11/2	2024	2395-1990	https://ijsrset.com/index.php/home/article/view/IJSRSET2411264/IJSRSET2411264 (https://ijsrset.com/index.php/home/article/view/IJSRSET2411264/IJSRSET2411264)
		Analyzation of Patient-Authored text data and extract depression symptoms using lexical analysis	IJSRSET	11/2	2024	2395-1990	https://ijsrset.com/index.php/home/article/view/IJSRSET2411265/IJSRSET2411265 (https://ijsrset.com/index.php/home/article/view/IJSRSET2411265/IJSRSET2411265)
8	B.Indra Devi	MACHINE LEARNING - POWERED FRAUD DETECTION ON BANK PAYMENTS	IJASEM	18/2	2024	2454-9940	https://www.ijasem.org/ijasemadmin/upload/ijlbps_6620e3d8a6066.pdf (https://www.ijasem.org/ijasemadmin/upload/ijlbps_6620e3d8a6066.pdf)
		Deep neural network based intrusion detection system using principle component analysis techniques	International Journal of scientific research in science engineering and technology	11/2	2024	2395-1990	https://ijsrset.com/index.php/home/article/view/IJSRSET2411266 (https://ijsrset.com/index.php/home/article/view/IJSRSET2411266)
9	P. Ashok Kumar	Fake Profile Identification in Twitter using Machine Learning	IJERST	17/2	2024	2319-5991	https://www.ijerst.com/ijerstadmin/upload/ijlbps_6620df76860df.pdf (https://www.ijerst.com/ijerstadmin/upload/ijlbps_6620df76860df.pdf)
		Efficacy of machine learning models in Software quality prediction	Mechanical Engineering Research and technology	16/2	2024	2454-5x	https://www.ijmert.net/ijmertadmin/upload/ijlbps_6624e5f99c275.pdf (https://www.ijmert.net/ijmertadmin/upload/ijlbps_6624e5f99c275.pdf)

10	K.Venkateswara Rao	OBJECT PRICE DETECTION USING R-CNN THROUGH COMPUTER VISION	IJITCE	12/2	2024	2347-3657	https://ijitce.com/ijitceadmin/upload/ijlbps_6620dd20c5747.pdf (https://ijitce.com/ijitceadmin/upload/ijlbps_6620dd20c5747.pdf)
		Automated evaluation of taste preference using dynamics of facial expressions	International Journal of scientific research in science and technology	11/2	2024	2395-602X	https://ijsrst.com/index.php/home/article/view/IJSRST24112151 (https://ijsrst.com/index.php/home/article/view/IJSRST24112151)
11	M.Madhusudhana Rao	DETECTION OF PLANT LEAF DISEASE USING CONVOLUTION NEURAL NETWORK	IJMECE	12/2	2024	2321-2152	https://www.ijmece.com/ijmeceadmin/upload/ijlbps_6624ec8907047.pdf (https://www.ijmece.com/ijmeceadmin/upload/ijlbps_6624ec8907047.pdf)
		Enhancing house price prediction and accuracy using particle swarm optimization	Internatioanl journal of scientific research in science,engineering and technology	11/2	2024	2395-1990	https://ijsrset.com/index.php/home/article/view/IJSRSET2411263 (https://ijsrset.com/index.php/home/article/view/IJSRSET2411263)
12	M.Naresh Babu	Brain Tumour Detection and Classification using Deep Convolutional Neural Network(DCNN)	IJSRCSEIT	10/2	2024	2456-3307	https://ijsrcseit.com/index.php/home/article/view/CSEIT2410288/CSEIT2410288 (https://ijsrcseit.com/index.php/home/article/view/CSEIT2410288/CSEIT2410288)
		Diabetes Disease Prediction Using Machine Learning	IJITCE	12/2	2024	2347-3657	https://ijitce.com/ijitceadmin/upload/ijlbps_6620dcc9f045e.pdf (https://ijitce.com/ijitceadmin/upload/ijlbps_6620dcc9f045e.pdf)
13	Ch Marry	AN ENHANCE AND RELIABLE TEXT SUMMARIZATION USING LATENT SEMANTIC INDEX (LSI)	IJMECE	12/2	2024	2321-2152	https://www.ijmece.com/ijmeceadmin/upload/ijlbps_6624ec319a04f.pdf (https://www.ijmece.com/ijmeceadmin/upload/ijlbps_6624ec319a04f.pdf)
		Medicine Identification for blind people by deep learning techniques	IJSRSET	11/2	2024	2395-1990	https://ijsrset.com/index.php/home/article/view/IJSRSET2411217 (https://ijsrset.com/index.php/home/article/view/IJSRSET2411217)
14	Ch.Prabhavathi	INSIGHT OF HUMAN ACTIVITIES USING DEEP LEARNING APPROACHES	International Journal of medical engineering research and technology	16/2	2024	2454-535X	https://www.ijmert.net/ijmertadmin/upload/IJASVM_6624e784d80a6.pdf (https://www.ijmert.net/ijmertadmin/upload/IJASVM_6624e784d80a6.pdf)

15	G.Nancharaiah	Fingerprint recognition and verification using fourier domain filtering and histogram equilization techniques	International journal of scientific research in computer science, engineering and information technology	10/2	2024	2456-3307	https://ijsrcseit.com/index.php/home/article/view/CSEIT24102100 (https://ijsrcseit.com/index.php/home/article/view/CSEIT24102100)
16	D.Aruna	AI-POWERED REAL-TIME COMMUNICATION SYSTEM FOR PEOPLE WITH DISABILITIES	IJITCE	12/2	2024	2347-3657	https://ijitce.com/ijitceadmin/upload/ijlbps_6620dc7ad66c0.pdf (https://ijitce.com/ijitceadmin/upload/ijlbps_6620dc7ad66c0.pdf)
		Enhancing Automated Enalysis of Bug descriptions and report Generation using Machine learning & NLP	International Journal of scientific research in science and technology	11/2	2024	2395-602X	https://ijsrst.com/index.php/home/article/view/IJSRST24112149 (https://ijsrst.com/index.php/home/article/view/IJSRST24112149)
17	M.Nagavamsi	Personality traits and classification using machine learning	International Journal of scientific research in science, engineering and technology- print	11/2	2024	2395-1990	https://ijsrset.com/index.php/home/article/view/IJSRSET2411271 (https://ijsrset.com/index.php/home/article/view/IJSRSET2411271)
		MACHINE LEARNING APPROACHES FOR IDENTIFYING SOCIAL MEDIA BULLYING	Internatioanl Journal of marketing management	16/2	2024	2454-5007	https://ijmm.net/ijmmadmin/upload/ijlbps_6624faa846751.pdf (https://ijmm.net/ijmmadmin/upload/ijlbps_6624faa846751.pdf)
18	K.Chiranjeevi	Smart-heart disease forecast using machine learning	International Journal of marketing management	16/2	2024	2454-5007	https://ijmm.net/ijmmadmin/upload/ijlbps_6624fb426d6f9.pdf (https://ijmm.net/ijmmadmin/upload/ijlbps_6624fb426d6f9.pdf)
		enhancing crime prediction using conventional nueral networks techniques	International Journal of scientific research in science and technology	11/2	2024	2395-602X	https://ijsrst.com/index.php/home/article/view/IJSRST24112150/IJSRST24112150 (https://ijsrst.com/index.php/home/article/view/IJSRST24112150/IJSRST24112150)

19	T.Veena	An Exertion of Artificial Intelligence in Agriculture A Literature survey	VDI-Z INTEGRIERTE PRODUKTION JOURNAL	10/10	2023	0042-1766	https://drive.google.com/file/d/1VZTNb4ke-J_O9jl-De6TMZzQ1IJmqLOo/view (https://drive.google.com/file/d/1VZTNb4ke-J_O9jl-De6TMZzQ1IJmqLOo/view)
		Covid-19 related sentiment analysis on twitter data using machine learning based technologies	International Journal of scientific research in science, engineering and technology	11/2	2024	2395-1990	https://ijsrset.com/index.php/home/article/view/IJSRSET2411247 (https://ijsrset.com/index.php/home/article/view/IJSRSET2411247)
		Advanced Multi-spectral object detection using night vision Surveillance	International Journal of scientific research in science and technology	11/2	2024	2395-6011	https://ijsrst.com/index.php/home/article/view/IJSRST24112146 (https://ijsrst.com/index.php/home/article/view/IJSRST24112146)
20	Karri Divya	An Exertion of Artificial Intelligence in Agriculture A Literature survey	VDI-Z INTEGRIERTE PRODUKTION JOURNAL	10/10	2023	0042-1766	https://drive.google.com/file/d/1VZTNb4ke-J_O9jl-De6TMZzQ1IJmqLOo/view (https://drive.google.com/file/d/1VZTNb4ke-J_O9jl-De6TMZzQ1IJmqLOo/view)
		Detection of suicidal ideation in social media through content analysis	IJSRST	11/2	2024	2395-6011	https://ijsrst.com/index.php/home/article/view/IJSRST24112147/IJSRST24112147 (https://ijsrst.com/index.php/home/article/view/IJSRST24112147/IJSRST24112147)
		DRIVER DROWSINESS DETECTION USING AI TECHNIQUES	INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING RESEARCH AND TECHNOLOGY	16/2	2024	2454-5x	https://www.ijmert.net/ijmertadmin/upload/ijlbps_6624e5a554c99.pdf (https://www.ijmert.net/ijmertadmin/upload/ijlbps_6624e5a554c99.pdf)
21	M.Prasanthi	Developing the system for detection of potholes in images &videos using deep learning classification systems	International Journal of scientific research in science and technology	11/2	2024	2395-6011	https://ijsrst.com/index.php/home/article/view/IJSRST24112148 (https://ijsrst.com/index.php/home/article/view/IJSRST24112148)
		improving amazon EC2 spot instances price prediction using machine learning algorithm	International Journal of scientific research in science and technology	10/2	2024	2456-3307	https://ijsrcseit.com/index.php/home/article/view/CSEIT24102102 (https://ijsrcseit.com/index.php/home/article/view/CSEIT24102102)
22	Md.Shamsheer	A FRESH LOOK AT ML APPROACHES FOR WEBSITE AUTHENTICATION	IJMECE	12/2	2024	2321-2152	https://www.ijmece.com/ijmeceadmin/upload/ijlbps_6624ebd051976.pdf (https://www.ijmece.com/ijmeceadmin/upload/ijlbps_6624ebd051976.pdf)

23	Ch Swathi	5G SMART PERSONALIZED TREATMENT FOR DIABETES WITH HEALTHCARE	IJMECE	12/2	2024	2321-2152	https://www.ijmece.com/ijmeceadmin/upload/ijlbps_6624eb6fa7214.pdf (https://www.ijmece.com/ijmeceadmin/upload/ijlbps_6624eb6fa7214.pdf)
		Improved data poison detection using multiple training models	IJSRST	10/2	2024	2395-6011	https://ijsrcseit.com/index.php/home/article/view/CSEIT24102101/CSEIT24102101 (https://ijsrcseit.com/index.php/home/article/view/CSEIT24102101/CSEIT24102101)
24	Md Ameer Raza	Recognition of Counterfeit Profiles on Communal Media using Machine Learning Artificial Neural Networks & Support Vector Machine Algorithms	Journal of Next Generation Technology	4/2	2024	2583-021X	https://www.jnxtgentech.com/mail/documents/vol%204%20issues%202%20article3.pdf (https://www.jnxtgentech.com/mail/documents/vol%204%20issues%202%20article3.pdf)
		Discovery and Accurate Diagnosis of Tumors in Liver using Generative Artificial Intelligence Models	Journal of Next Generation Technology	4/2	2024	2583-021X	https://www.jnxtgentech.com/mail/documents/vol%204%20issues%202%20article4.pdf (https://www.jnxtgentech.com/mail/documents/vol%204%20issues%202%20article4.pdf)
		SKIN CANCER CLASSIFICATION USING CNN	International Journal of Marketing Management	16/2	2024	2454-5007	https://ijmm.net/ijmmadmin/upload/ijlbps_6624faf73f40e.pdf (https://ijmm.net/ijmmadmin/upload/ijlbps_6624faf73f40e.pdf)
		Automatic Helmet Violation Detection using deep learning algorithms	International Journal of scientific research in science and technology	11/2	2024	2395-6011	https://ijsrst.com/index.php/home/article/view/IJSRST24112152 (https://ijsrst.com/index.php/home/article/view/IJSRST24112152)

AcademicYear:2022-23(CAYm2)

S.NO	Name of the Faculty	Title of the Paper	Name of the Journal	VOL/ISSUE NO	YEAR	ISSN	Link to the notification in UGC enlistment of the Journal

1	S.V.C.Gupta	Multi-factor Proofing Verification With ABE Scheme in the Government HER	IEJ	51/12	2022	0970-2555	http://www.journal-iiie-india.com/1_jan-dec_22.html
		Blockchain-Based Scheme for IOT Data Credibility in Fog Computing Environment	JES	13/12	2022	0377-9254	https://www.jespublication.com/login.php?id=3889 (https://www.jespublication.com/login.php?id=3889)
		An Enhanced and Reliable Block Chain for healthcare and Insurance Policy	IJEARST	3/2	2022	2350-0174	https://www.ijearst.co.in/research-paper-publishing_DECEMBER-2022.shtml.html (https://www.ijearst.co.in/research-paper-publishing_DECEMBER-2022.shtml.html)
		Agriconnect	JICR	15/3	2023	0022-1945	https://drive.google.com/file/d/15x67geRNa2m4fF7Sx70zvPghQQpM52uQ/view (https://drive.google.com/file/d/15x67geRNa2m4fF7Sx70zvPghQQpM52uQ/view)

		Electronic Health Record Monitoring System and Data Security using Blockchain Technology	IJAEMA	15/3	2023	0886-9367	https://drive.google.com/file/d/1vPoRPvIloHCkVwMzPPcocFOORA7vP0PK/view

2	Dr.B.R.S.Reddy	Multi-factor Proofing Verification With ABE Scheme in the Government HER	IEJ	51/12	2022	0970-2555	http://www.journal-iiie-india.com/1_jan-dec_22.html
		An Enhanced and Reliable Block Chain for healthcare and Insurance Policy	IJEARST	3/2	2022	2350-0174	https://www.ijearst.co.in/research-paper-publishing_DECEMBER-2022.shtml.html (https://www.ijearst.co.in/research-paper-publishing_DECEMBER-2022.shtml.html)
		Covid 19 Web Application	IJAEMA	12/3	2023	0886-9367	https://drive.google.com/file/d/1I6ciLBl3WsUcgcCXcDrj83iUa-NvVX_K/view (https://drive.google.com/file/d/1I6ciLBl3WsUcgcCXcDrj83iUa-NvVX_K/view)
		Fake Logo Detection System using Deep Learning	IJR	12/3	2023	2236-6124	https://drive.google.com/file/d/1NSvkfrh5W3cvFxasA2yKtIE4LvUsFm89/view (https://drive.google.com/file/d/1NSvkfrh5W3cvFxasA2yKtIE4LvUsFm89/view)

3	N.Anil Kumar	Emotion Recognition using facial Expressions and Voice Modules in Real Time	JICR	15/3	2023	0022-1945	https://drive.google.com/file/d/1-b0wd7F6tDLvrBZPbTgmV68kTEEYJZ7J/view
		Systematic review of Predicting Elections Based on Social Media Data using Machine Learning	IJR	12/3	2023	2236-6124	https://drive.google.com/file/d/1zoVbSpdSnhMyjNVzW4GDjWr8sPvhMQ5t/view (https://drive.google.com/file/d/1zoVbSpdSnhMyjNVzW4GDjWr8sPvhMQ5t/view)
	SK. Ahmed Mohiddin	Gesture Controlled Virtual Mouse	IJAEMA	15/3	2023	0886-9367	https://drive.google.com/file/d/1j12QthYha3BtODLbzmsZT3QNytqAqB06/view (https://drive.google.com/file/d/1j12QthYha3BtODLbzmsZT3QNytqAqB06/view)
		Fake News Detection using Natural Languages Processing Technique	IJAEMA	15/3	2023	0886-9368	https://drive.google.com/file/d/1wZ7BvGINJw9lXw33-s_oKt3DbIIKuxo6/view

5	MD. Ahmed	Hyper-heuristic multi-objective online optimization for cyber security in big data	IJSAEM	15(page no:314-323	2022	2624-909X 2398-3396	https://link.springer.com/article/10.1007/s13198-022-01727-w
		Eyeball based cursor Movement Using openev	IJR	12/3	2023	2236-6124	https://drive.google.com/file/d/1hW8TDkN_0D42WZb6YDPOgK3o60AmZkB5/view (https://drive.google.com/file/d/1hW8TDkN_0D42WZb6YDPOgK3o60AmZkB5/view)
		Smart and Voice Recognition Auto machine Bot Using A.I. & Machine Learning	IJAEMA	15/3	2023	0886-9367	https://drive.google.com/file/d/1BV1vDeWCn4IKvr1jsE8F1qALvq4Ixy3P/view

6	B.Indra Devi	Leaf Disease Detection using Convolution Neural Network	IJR	12/3	2023	2236-6124	https://drive.google.com/file/d/1YvViLShkbCUs_zyuOnlU7uAahJ0wBCji/view (https://drive.google.com/file/d/1YvViLShkbCUs_zyuOnlU7uAahJ0wBCji/view)
		Holographic Image Generation from text Description for Humans by Deep Learning	IJAEMA	15/3	2023	0886-9367	https://drive.google.com/file/d/1-qUZ9p_49i_4RZlWj7GCQa9BcY14lGrm/view
7	V.M.R.Krishna Rao	Mining High Utility Itemsets with various discount Strategies	IJR	12/3	2023	2236-6124	https://drive.google.com/file/d/1XAblpAEXSQq--adYZ6Rf4ajmnA7g4Kyt/view (https://drive.google.com/file/d/1XAblpAEXSQq--adYZ6Rf4ajmnA7g4Kyt/view)
		Association Rule Mining Using FP-Growth Algorithm to Prevent Maverick buying	IJR	12/3	2023	2236-6124	https://drive.google.com/file/d/1ZGgxFxjoFYNuziZa22q9-TT6FglUgXl2/view (https://drive.google.com/file/d/1ZGgxFxjoFYNuziZa22q9-TT6FglUgXl2/view)

8	P.Ashok Kumar	Credit Card Fraud Detection using Machine Learning	Parishodh	12/3	2023	2347-6648	https://drive.google.com/file/d/1GXel5aZ3jmQs6xb9qcffOKrZfsvSahKZ/view (https://drive.google.com/file/d/1GXel5aZ3jmQs6xb9qcffOKrZfsvSahKZ/view)
		Equip Cart	Parishodh	12/3	2023	2347-6648	https://drive.google.com/file/d/1FRlcefJWsZ_z1u1YzGQSwp2gNTPgRX88/view (https://drive.google.com/file/d/1FRlcefJWsZ_z1u1YzGQSwp2gNTPgRX88/view)
9	A.Annapurna	AdSherlock Effiecient and Deployable Click Fraud Detection for Mobile Applications	JICR	15/3	2023	0022-1945	https://drive.google.com/file/d/1kDrKGfw1pPH4uJI7HzhCgD9XRPPXroyH/view (https://drive.google.com/file/d/1kDrKGfw1pPH4uJI7HzhCgD9XRPPXroyH/view)
		Dual Access Control for Cloud Based Data Storage and Sharing	IJR	12/3	2023	2236-6124	https://drive.google.com/file/d/13OWEN63ByQqb7M7E08ZH_9qJervAQCe3/view (https://drive.google.com/file/d/13OWEN63ByQqb7M7E08ZH_9qJervAQCe3/view)

10	M.Madhusudhana Rao	Recapitulate Vehicle Price Forecast using Machine Learning	IJR	12/3	2023	2236-6124	https://drive.google.com/file/d/1GKgKrlS-AxOaDrTV2IqsdtfJoP7u-nHu/view (https://drive.google.com/file/d/1GKgKrlS-AxOaDrTV2IqsdtfJoP7u-nHu/view)
		A Machine Learning – Based Ultra-Secure System for Detecting and Preventing MITM Attacks	IJCRT	11/3	2023	2320-2882	https://www.ijcrt.org/archive.php?vol=11&issue=3&pubmonth=March-2023 (https://www.ijcrt.org/archive.php?vol=11&issue=3&pubmonth=March-2023)
		Open MaGz	IJCRT	11/3	2023	2320-2882	https://www.ijcrt.org/archive.php?vol=11&issue=3&pubmonth=March-2023 (https://www.ijcrt.org/archive.php?vol=11&issue=3&pubmonth=March-2023)

11	K.Venkateswara Rao	Speech Denoising by Using Deep Learning	IJAEMA	15/3	2023	0886-9367	https://drive.google.com/file/d/1QSxVT4nDE7PZZHe5h7IyH5FKoQVygsNh/view (https://drive.google.com/file/d/1QSxVT4nDE7PZZHe5h7IyH5FKoQVygsNh/view)
		A Comparative Study on Fake job post Prediction using Deep Learning Techniques	IJAEMA	15/3	2023	0886-9367	https://drive.google.com/file/d/1HqfN7R61aTyR2zP3Mv7QNF9ROyPPDVHr/view
12	M.Naresh Babu	Cyber threat Predictive analytics for improving cyber supply chain security	IJR	12/3	2023	2236-6124	https://drive.google.com/file/d/1DXetEZRQL4cFSsd5ZI_VOA3TPHv5pivh/view (https://drive.google.com/file/d/1DXetEZRQL4cFSsd5ZI_VOA3TPHv5pivh/view)
		Block chain in Agriculture	Parishodh	12/3	2023	2347-6648	https://drive.google.com/file/d/16rO4P7t7L3Tow4OqmDA4tRwFcGUGfkL5/view (https://drive.google.com/file/d/16rO4P7t7L3Tow4OqmDA4tRwFcGUGfkL5/view)

13	D.Aruna	Secure Authentication System for Banking Transactions using Iris	IJR	12/3	2023	2236-6124	https://drive.google.com/file/d/1kO9DOo3GoVoTNBOJzuJF7JbEZAWzCGDb/view (https://drive.google.com/file/d/1kO9DOo3GoVoTNBOJzuJF7JbEZAWzCGDb/view)
		Identification of Face Indian currency using Convolutional neural Network	IJR	12/3	2023	2236-6124	https://drive.google.com/file/d/1-BmjhcJGqTVgMsPZrtJWokLn_dljYAy4/view (https://drive.google.com/file/d/1-BmjhcJGqTVgMsPZrtJWokLn_dljYAy4/view)
14	CH.Mary	Child Predators Cyber Harassers on Social Media using ML	IJAEMA	15/3	2023	0886-9367	https://drive.google.com/file/d/1-hsbivpPI68I8JKxnbLrBoBGU3T81CS6/view
		Caboodle, An E-Commerence Website	PJ	12/3	2023	2347-6648	https://drive.google.com/file/d/1a4qsbHrCbtfxVDEsjZ0XoJ06kBJLbaxm/view

15	CH.Prabhavathi	Flood Prediction using ML	JICR	15/3	2023	0022-1945	https://drive.google.com/file/d/1V9I34KWlb7HAluTx73s2JJArE0oXDnQO/view (https://drive.google.com/file/d/1V9I34KWlb7HAluTx73s2JJArE0oXDnQO/view)
		Analysis and Prediction of Road Accident using ML	IJAEMA	15/3	2023	0886-9367	https://drive.google.com/file/d/1Ss7HN3ZlYgZWvj68UlehdXh52_M9j9P8/view (https://drive.google.com/file/d/1Ss7HN3ZlYgZWvj68UlehdXh52_M9j9P8/view)
16	G.Nancharaiah	Fraud Detection and Analysis for Insurance Claim using ML	PJ	12/3	2023	2347-6648	https://drive.google.com/file/d/1tHq7fAcGtXORNjxSsCBjjxu3Kqf5oj_U/view
		Automatic Text Summarization using Natural Language Processing	JICR	15/3	2023	0022-1945	https://drive.google.com/file/d/1crzu8msuYfTH9Rp4fdp5oi78-oBTqHOh/view (https://drive.google.com/file/d/1crzu8msuYfTH9Rp4fdp5oi78-oBTqHOh/view)

AcademicYear:2021-22(CAYm3)

Table5.7.1.5:Details of faculty publications during the academic year2021-22

S.NO	Name of the Faculty	Title of the Paper	Name of the Journal	VOL/ISSUE NO	YEAR	ISSN	Link to the notification in UGC enlistment of the Journal
1	S.V.C.Gupta	Face Recognition Attendance Management System	Dogo Rangsang Research Journal	**9/1**	**2022**	2347-7180	https://journal-dogorangsang.in/no_1_Online_22/931.pdf (https://journal-dogorangsang.in/no_1_Online_22/931.pdf)
		Detection Of Fake Online Reviews Based On Random Forest Using Machine Learning	Dogo Rangsang Research Journal	9/1	2022	2347-7180	https://journal-dogorangsang.in/no_1_Online_22/139.pdf (https://journal-dogorangsang.in/no_1_Online_22/139.pdf)

2	Dr.B.R.S.Reddy	A hybrid clustering and classification model for chemical code based medical disease prediction	Journal of Cardiovascular Disease Research	12/5	2021	0975-3583,0976-2833	https://www.jcdronline.org/paper.php?slug=a-hybrid-clustering-and-classification-model-for-chemical-code-based-medical-disease-prediction (https://www.jcdronline.org/paper.php?slug=a-hybrid-clustering-and-classification-model-for-chemical-code-based-medical-disease-prediction)
		A Scientific Approach for Generation of Random Fields for Image Enhancement and Reconstruction	Juni Khyat	12/1	2022	2278-4632	http://junikhyatjournal.in/no_2_Online_22.html
		Segmentation In Liver Ct Images Is Involved With Wide Range Of Techniques	Dogo Rangsang Research Journal	9/1	2022	2347-7180	https://www.drrs.in/dogo-rangsang-research-journal

		Using Deep Learning to Predict Plant Growth/Yield in Green House Environments	International Journal for Modern Trends in Science and Technology	8/6	2022	2455-3778	http://ijmtst.com/volume8/issue06/31.IJMTST0806069.pdf
		A Deep Learning Approach for Effective Intrusion Detection in Wireless	International Journal for Modern Trends in Science and Technology	8/6	2022	2455-3778	https://ijmtst.com/volume8/issue06/29.IJMTST0806067.pdf (https://ijmtst.com/volume8/issue06/29.IJMTST0806067.pdf)
3	N. Anil Kumar	Detection of Non-Helmet Riders and License Plate Recognition	Juni Khyat	12/1	2022	2278-4632	http://junikhyatjournal.in/no_1_Online_22.html (http://junikhyatjournal.in/no_1_Online_22.html)
		Liver Disease Prediction Using Machine Learning	Juni Khyat	12/1	2022	2278-4632	http://junikhyatjournal.in/no_1_Online_22/120.pdf (http://junikhyatjournal.in/no_1_Online_22/120.pdf)

4	MD. Ahmed	Text Summarization Using Extractive Techniques	Juni Khyat	12/1	2022	2278-4632	http://junikhyatjournal.in/no_1_Online_22/103.pdf (http://junikhyatjournal.in/no_1_Online_22/103.pdf)
		Applications Of Machine Learning Algorthims Using **Agriculture**	Journal Of Education: Rabindra Bharati University	24/18	2022	0972-7175	https://rbu.ac.in/home/page/103 (https://rbu.ac.in/home/page/103)
5	S K.Ahmed Mohiddin	Flight Delay Analysis Using Machine Learning	Dogo Rangsang Research Journal	9/1	2022	2347-7180	https://journal-dogorangsang.in/no_1_Online_22/140.pdf (https://journal-dogorangsang.in/no_1_Online_22/140.pdf)
		Breast Cancer Prediction Using Machine Learning	Dogo Rangsang Research Journal	9/1	2022	2347-7180	https://journal-dogorangsang.in/no_1_Online_22/146.pdf (https://journal-dogorangsang.in/no_1_Online_22/146.pdf)
6	A.Annapurna	House Rent Price Forecasting Using Machine Learning	Juni Khyat	12/1	2022	2278-4632	http://junikhyatjournal.in/no_1_Online_22/85.pdf

7	N.Ranga Sree	Employee Salary Prediction Using Machine	Dogo Rangsang Research Journal	9/1	2022	2347-7180	https://journal-dogorangsang.in/no_1_Online_22/110.pdf (https://journal-dogorangsang.in/no_1_Online_22/110.pdf)
		Driver Drowsiness Detection based on Eye Aspect Ratio	Juni Khyat	12/1	2022	2278-4632	http://junikhyatjournal.in/no_1_Online_22/112.pdf
8	B.Indra Devi	A Crop Pest Classification Using Deep Learning Techniques	Dogo Rangsang Research Journal	9/1	2022	2347-7180	https://journal-dogorangsang.in/no_1_Online_22/109.pdf (https://journal-dogorangsang.in/no_1_Online_22/109.pdf)
		Self Diagnosing Health Care Chatbot Using Machine learning	Dogo Rangsang Research Journal	9/1	2022	2347-7180	https://journal-dogorangsang.in/no_1_Online_22/137.pdf (https://journal-dogorangsang.in/no_1_Online_22/137.pdf)
9	P. Ashok Kumar	Credit Card Transaction Using Face Recognition Authentication	JOURNAL OF EDUCATION: RABINDRA BHARATI UNIVERSITY	24/18	2022	0972-7175	https://rbu.ac.in/home/page/103 (https://rbu.ac.in/home/page/103)
		Tracking Social Distance Using Deep Learning	Journal of the Oriental Institute	71/2	2022	0030-5324	https://journaloi.com/index.php/JOI (https://journaloi.com/index.php/JOI)

10	M.Madhusudhana Rao	Drug Recommendation System Based On Sentiment Analysis OfDrug Reviews Using Machine Learning	Journal of the Oriental Institute	71/2	2022	0030-5324	https://journaloi.com/index.php/JOI/issue/view/10 (https://journaloi.com/index.php/JOI/issue/view/10)
11	A. Pavan Kumar	Missing Child Identification System Using Deep Learning And Muticlass Svm	Juni Khyat	12/1	2022	2278-4632	http://junikhyatjournal.in/no_1_Online_22/111.pdf
		Detection of Cyber Attack in Network using Machine Learning Techniques	International Journal for Modern Trends in Science and Technology	8/6	2022	ISSN:	http://ijmtst.com/volume8/issue06/32.IJMTST0806070.pdf

12	K. Venkateswara rao	Academic Performance Prediction Based on Multi Sorce Multi Feature Behavioural Data	International Journal for Modern Trends in Science and Technology	8/6	2022	2455-3778	http://ijmtst.com/volume8/issue06/30.IJMTST0806068.pdf
		Software Defect Estimation Using Machine Learning Algorithms	Juni Khyat	12/1	2022	2278-4632	http://junikhyatjournal.in/no_1_Online_22/128.pdf
13	M. Naresh Babu	Crime Type And Occurrence Prediction Using Machine Learning Algorithm	Juni Khyat	12/1	2022	2278-4632	http://junikhyatjournal.in/no_1_Online_22/113.pdf
		Spammer Detection and Fake User Identification On Social Networks	Juni Khyat	12/1	2022	2278-4632	http://junikhyatjournal.in/no_1_Online_22/121.pdf

14	V. M R Krishna Rao	Security & Surveillance Replacing Existing Number Pad With Digital Touch Number Pad	ANVESAK	52/4	2022	0378 – 4568	https://vsu.ac.in/facultyportal/uploads/publications/LeisureandrecreationOfferingcertificate.pdf
15	D.Aruna	Bird Species Identification Using Deep Learning	Dogo Rangsang Research Journal	9/1	2022	2347-7180	https://journal-dogorangsang.in/no_1_Online_22/108.pdf (https://journal-dogorangsang.in/no_1_Online_22/108.pdf)
		Spam Detection On Youtube Comments	Journal of the Oriental Institute	71/2	2022	0030-5324	https://journaloi.com/index.php/JOI/issue/view/10

Summary of Faculty Citations

Citations/H-Index/I-Index	citations	H-index	I-index
Total	794	41	28

Name of the Faculty	citations	H-index	I-index
Dr.G.Syam Prasad	279	12	14
Dr B Raja SrinivasaReddy	50	3	1
Dr.P.SambaSiva Rao	20	2	1
Dr.Ch.V.Phani krishna	185	7	6

Dr.B.Srinivasa Rao	120	5	2
N.AnilKumar	21	1	1
M.NareshBabu	18	2	1
MD.Shamsheer	2	1	0
M.NagaVamsi	31	1	1
P.Siva nagaRaju	12	1	1
Sheik Ahmed Mohiddin	41	3	0
V P S Vinay Kumar	6	1	0
D.Aruna	1	1	0
R. Venkateswara Rao	8	1	0

B.PhD guided/PhD awarded during the assessment period in the institute(4)

Ph.D., Guiding

Table5.7.1.6:Details of Ph.D., guidance during the assessment period

Name of the Faculty	Designation	Name of the Scholar	University	Status
Dr. B.R.S. Reddy	Professor	Konda Sreenu	ACHARYA NAGARJUNA UNIVERSITY	Awarded on 13.03.2023
Dr G.Syam Prasad	Professor	B.Vishnu Vardhan	ANNAMALAI UNIVERSITY	Pre-Ph.D. completed, Research work started

Ph.D Enrolled

Table5.7.1.7:Ph.D. Enrolled ***during the assessment period***

A.Y.	Name of the Faculty	Name of Guide	University\ Institution	Year of Registration	Area of Research
2024-25	B.Indra Devi	Dr. M. kalpana Devi Bai	JNTUK, kakinada	19/10/2024	AI&ML
2024-25	T.veena	Dr. M. Babu reddy	Krishna University	19/10/2024	Machine Learning
2024-25	Ch. Swathi	Dr.G. Rama Mohan Babu	Acharya Nagarjuna University, Guntur	19/10/2024	Deep Learning
2023-24	M. Naresh Babu	Dr. E. Ramanujam	NIT-Silchar	18/07/2023	Deep Learning
2022-23	V.M.R. Krishna Rao	Dr. K. Rajasekhar Rao	JNTUK, kakinada	23/02/2023	Data Mining
2022-23	K.Venkateswara Rao	Dr. K. narasimha Raju	Andhra University, Visakapatnam	24/02/2023	Machine Learning
2022-23	M.Nagavamsi	Dr.A. Annupama	Andhra University Visakapatnam	28/01/2023	Machine Learning
	Total				7

5.7.2 Sponsored Research (5) Institute Marks : 0.00

2023-24 (CAYm1)

Project Title	Duration	Funding Agency	Amount
Nil	0	0	0.00
			Total Amount(X): 0.00

2022-23 (CAYm2)

Project Title	Duration	Funding Agency	Amount
Scheme for promoting Interests Creativity and Ethics among Students(SPICES)	1 YEAR	AICTE	100000.00
			Total Amount(Y): 100000.00

2021-22 (CAYm3)

Project Title	Duration	Funding Agency	Amount

Cumulative Amount(X + Y + Z) =

5.7.3 Development Activities (10)

Institute Marks : 10.00

A.Product Development:

Apart from the products and prototypes developed by the students as part of their mini projects and main projects, the faculty members of the department are collaborating with AICTE on many product developments. Following are the details of the products developed by the department faculty:

Table5.7.3.1:List of Product development activities in the academic year 2023– 24

AcademicYear:2023-24(CAYm1)

Sl.No	Roll.No	Student Name	Title of the Project	Name Of The Guide	Relevance to POs
1	20MQ1A0551	Talupula Hemanth Sai	DETECTION OF PHISHING WEBSITE USING LGBM sorting of fully	Dr.G.Syam Prasad	PO2,PO3, PO8,PO9, PO11
	20JM1A0503	TUMMALA SREYAJA KUSUMA			
	20MQ1A0530	SYED IMRATUNNISA			
	21MQ5A0521	MANNEM SAI VENKATA KONDALA PHANI KUMAR			
2	20MQ1A0502	ALLA SAI ROHITHA	INDEX-BASED CLASSIFICATION	Sk.AhmadMohiddin	PO2,PO3, PO8,PO9, PO11
	20MQ1A0517	KOLASANI MOUNIKA			
	20MQ1A0537	BATTINA KODANDA SIVA SANDEEP			
	21MQ5A0508	KOCHARLAKOTA SAI NAGA SIDDHARTHA BABU			
3	20MQ1A0506	BEERAM SIVANI	MACHINE LEARNING TECHNIQUES FOR NETWORK INTRUSION DETECTION SYSTEM	N.Anil Kumar	PO2,PO3, PO8,PO9, PO11
	21MQ5A0501	JOGI REVATHI			
	21MQ5A0510	MOGILI VEERA VENKATA HARISH			
	21MQ5A0520	SHAIK ABDUL IMRAN			

Figure5.7.3.1: Faculty and Students participation in product development activity in the academic year 2023 - 24

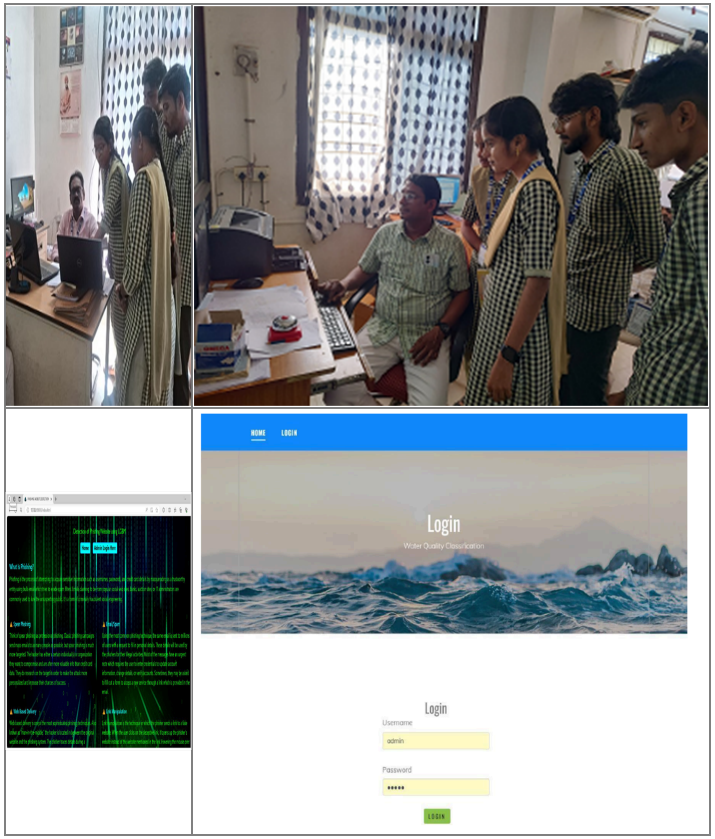


Table5.7.3.2:List of Product development activities in the academic year2022– 23

Academic Year:2022-23(CAYm2)

S.No	Roll.No	Name of the Students	Title of the Paper	Name Of The Guide	POS
1	20MQ5A0502	DUDUGU KONDALAMMA	EHR Monitoring System and Data Security using Block Chain Technology	S. V. C. Guptha	PO1, PO2, PO3
	20MQ5A0508	CHANDRAGIRI NARENDRA			
	19MQ1A0559	BATTULA DEVI POOJITHA			
	20MQ5A0509	CHODAGAM HASWANTH RAGHU			

2	19MQ1A0570	KANAPARTHI MOUNIKA	Eye-Ball Based Cursor Movement using OpenCV	Md. Ahmed	PO1, PO2, PO3
	20MQ5A0518	THOTA P N V V KARTHIK			
	19MQ1A0520	PENUMALA AKHILA			
	19MQ1A0547	PRATHI NAGA NIVAS			
3	19MQ1A0505	DINTAKURTHI L V AKANKSHA	Emotion Recognition using Facial Expressions and Voice Modules in Real-Time	N. Anil Kumar	PO1, PO2, PO3
	19MQ1A0512	KUNCHE PRASANNA			
	19MQ1A0506	EJJADA BHAVANA			
	19MQ1A0535	ABDUL IMRAN BASHEER			

Figure5.7.3.2: Faculty and Students participation in product development activity in the academic year 2022 - 23

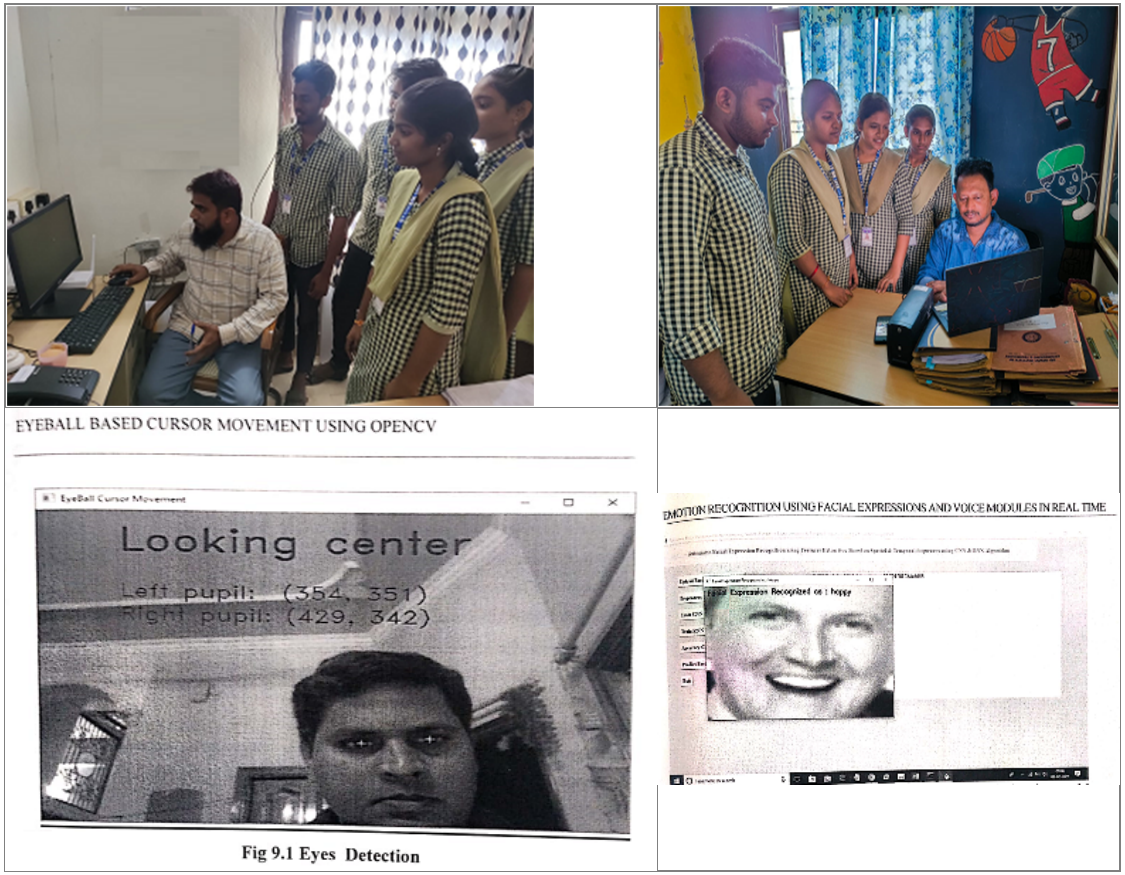


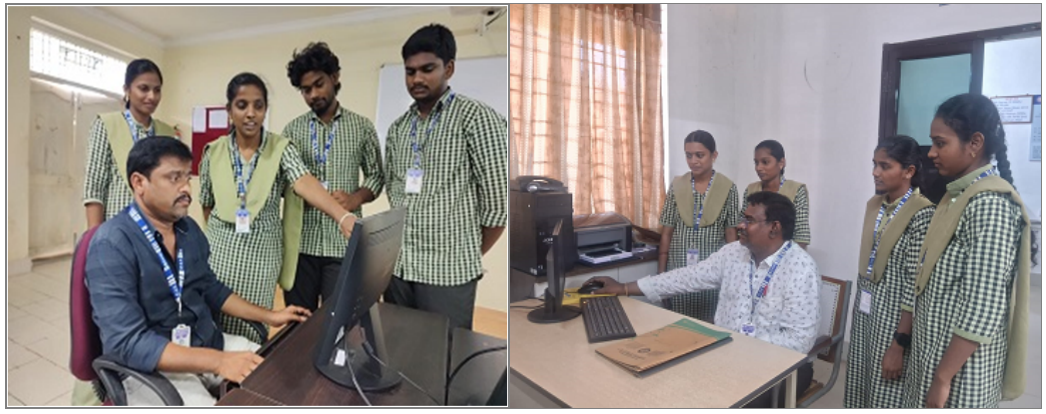
Table5.7.3.3:List of Product development activities in the academic year 2021– 22

AcademicYear:2021-22(CAYm3)

S.No	Roll.No	Name of the Students	Title of the Paper	Name Of The Guide	POS

1	18MQ1A0534	UZMA	Using Deep Learning to Predict Plant Growth and Yield in Greenhouse Environments	Dr.B.R.S.Reddy	PO1, PO2, PO3,PO5
	18MQ1A0580	NITTA HARIKA			
	18MQ1A0566	JANARDHANAPURAM PRATHYUSHA			
	18MQ1A0507	GANGU NAGA NAVEENA			
2	18MQ1A0502	ALAPATI SOWMYA	Detection of fake online Reviews	S.V.C.Gupta	PO1, PO2, PO3,PO8
	18MQ1A0581	PAIDIPATI HEMA LATHA			
	18MQ1A0596	YARLAGADDA ANUSHA			
	18MQ1A0561	CHINNAM MANASA			
3	18MQ1A0586	POTHANA DHARAHASINI	Software Defect Estimation using Machine Learning Algorithms	K.Venkataswara Rao	PO1, PO2, PO3,PO4
	18MQ1A0563	DOKKU HEMA			
	18MQ1A05B1	NALLURI KRISHNA MURTHI			
	18MQ1A0599	ABDUL SALEEM			

Figure5.7.3.3: Faculty and Students participation in product development activity in the academic year 2021 - 22



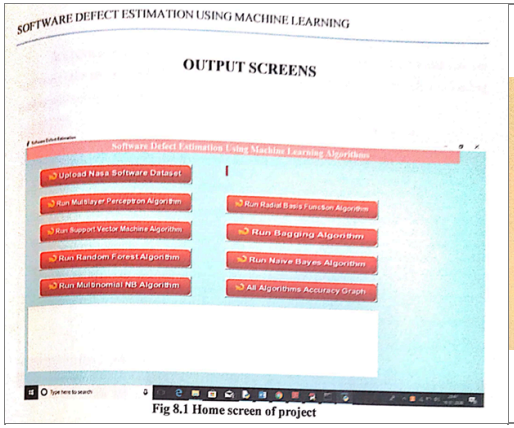


Fig 8.1 Home screen of project

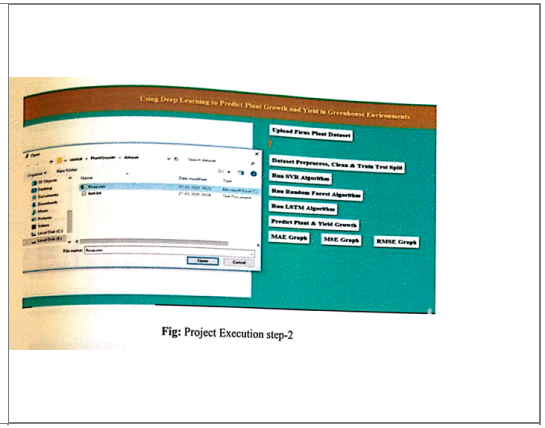


Fig: Project Execution step-2

B.Research Laboratory:

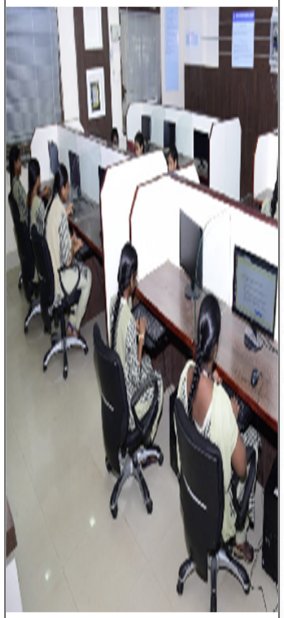
A separate space for are search laboratory is provided for the department of Computer Science and Engineering. The research lab is well equipped and includes the following facilities:

Configuration of Computer Systems:

I5 Processor, 8 GB RAM, 1TB HDD, 18.5” LED Monitor, Optical Mouse &Keyboard, fully connected with an Internet facility, etc.

Availability of Software:

Java Developer Kit. Python, IBM Rational Rose, Morpho GraphX, SQL server, and other software supporting research work, Microsoft Virtual Server 2005 R2, Microsoft Virtual PC 2004, Mac 7.0.2, Ubuntu, Centos.



Jawaharlal Nehru Technological University Kakinada
Kakinada – 533003, Andhra Pradesh

Recognizes

Department of Computer Science and Engineering
Sri Vasavi Institute of Engineering & Technology, Nandamuru

As
RESEARCH CENTRE

For the
Academic Years 2025-26 & 2026-27

Kakinada
February 2025

REGISTRAR
REGISTRAR
J.N.T. University Kakinada
Kakinada-533003

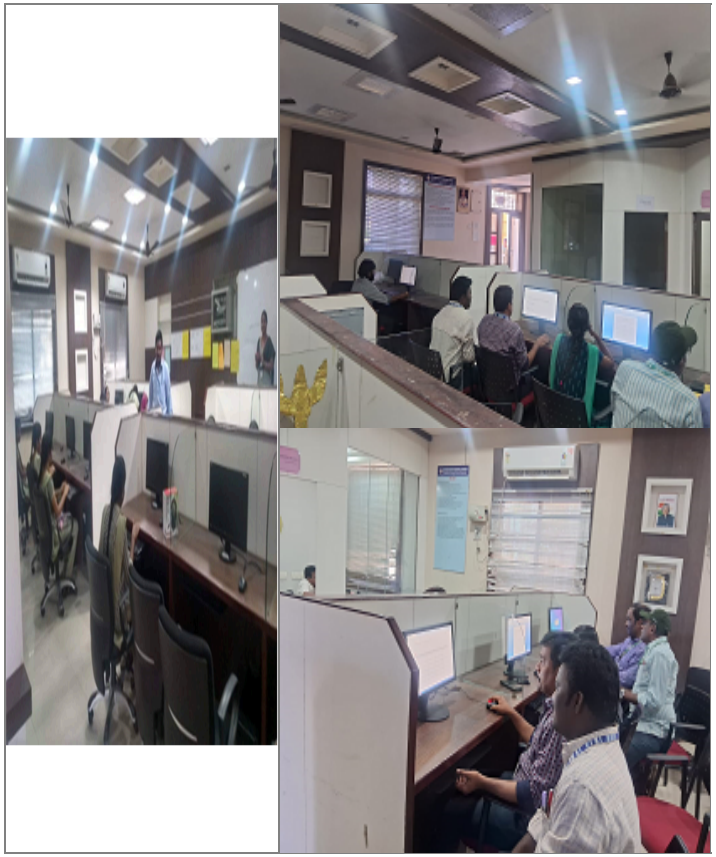


Figure 5.7.3.4:Faculty/Student in research activity & JNTUK Recognised as Research Center

List of Research activities in Research lab:

Table5.7.3.4 List of Research activities in research lab

S.No	Name of the Faculty	Area of research	Outcomes of the Research Work
1	Sk.Ahmad Mohiddin	Software Testing	PO1,PO2, PO3,PO4,PO5,PO10,PO11, PO12
2	Mohammed Ahmed	Computer Networks	PO1,PO2, PO3,PO4,PO10,PO11, PO12
3	B.Indra Devi	AI&ML	PO1,PO2, PO3,PO4,PO5,PO10,PO11, PO12
4	V.M.R. Krishna Rao	Data Mining	PO1,PO2,PO3,PO4,PO5,PO10,PO11, PO12
5	K.Venkateswara Rao	Machine Learning	PO1,PO2,PO3,PO4,PO5,PO10,PO11, PO12

6	M. Naresh Babu	Deep Learning	PO1,PO2,PO3,PO4,PO5,PO10,PO11, PO12
7	T.veena	Machine Learning	PO1,PO2,PO3,PO4,PO5,PO10,PO11, PO12
8	M.Nagavamsi	Machine Learning	PO1,PO2,PO3,PO4,PO5,PO10,PO11, PO12
9	Ch. Swathi	Deep Learning	PO1,PO2,PO3,PO4,PO5,PO10,PO11, PO12

C.Instructional materials:

a.Course files as Instruction Material

Table5.7.3.5List of course faculty prepared course files for theacademicyear2023–24

Academic Year:2023-24(CAYm1)

S.No	Name of The Faculty	Course File Prepared	Class& Sem
1	B.Indra Devi	Cloud Computing	IV-I
2	K.Venkateswara Rao	Deep Learning Techniques	IV-I
3	P.Ashok Kumar	Block Chain Technologies	IV-I
4	P.Joythi	Data Communications	IV-I
5	K V V N Bhaskar	Consumer Electronics	IV-I
6	K.Bhavani	Universal Human Values2– Understanding Harmony	IV-I
7	K.Chiranjeevi	Computer Networks	III-I
8	V M R Krishna Rao	Design And Analysis Of Algorithms	III-I
9	Sk.Ahmed Mohiddin	Data Warehousing And Data Mining	III-I
10	P.Srikanth	RES	III-I
11	Dr.G.Syam Prasad	Software Project Management	III-I
12	Sk.Hidayathullaiah	ES-I	III-I
13	M.Naresh Babu	Machine Learning	III-II
14	P.Ashok Kumar	Compiler Design	III-II
15	K.Chiranjeevi	Cryptography and Network Security	III-II
16	N Anil Kumar	Big Data Analytics	III-II
17	M Naga Vamsi	Internet of Things	III-II
18	P V Naresh/G.Manasa	Mathematics-III	II-I

19	MD.Ahmed/Ch.Mary	Object Oriented Programming Through C++	II-I
20	G.Nanchariah/Ch.Prabhavathi	Operating Systems	II-I
21	D.Aruna/N.Anil Kumar	Software Engineering	II-I
22	G.Manasa/P V Naresh	Mathematical Foundations Of Computer Science	II-I
23	P V Naresh/ B.Mounika/G.Manasa	Probability And Statistics	II-II
24	G. Nanchariah/ B.Indra Devi/ M Madhusudhana Rao	Database Management Systems	II-II
25	V M R Krishna Rao/ M.Prasanthi	Formal Languages And Automata Theory	II-II
26	Ch .Mary/ Svc Gupta.D.Aruna	Java Programming	II-II
27	U Eswar Krishna nadh/ K.Bhavani/A.N.V.D.Padmaja	Managerial Economics And Financial Analysis	II-II

Table 5.7.3.6 List of course faculty prepared course files for the academic year 2022–23

Academic Year:2022-23(CAYm2)

S.No	Name of The Faculty	Course File Prepared	Class& Sem
1	B.Mounika/ P V Naresh	Mathemathics-III	II-I
2	MD.Ahmed	Object Oriented Programming through C++	II-I
3	Ch.Prabhavathi	Operating Systems	II-I
4	D.Aruna	Software Engineering	II-I
5	B.Mounika/ P V Naresh	Mathematical Foundations Of Computer Science	II-I
6	U Eswar Krishna nadh	Constitution of India	II-I
7	P V Naresh	Probability And Statistics	II-II
8	G.Nancharaiah	Database Management Systems	II-II
9	N Anil Kumar	Formal Languages And Automata Theory	II-II
10	Sk.Ahmed Mohiddin/D.Aruna	Java Programming	II-II
11	U Eswar Krishna nadh/K.Bhavani	Managerial Economics And Financial Analysis	II-II
12	P.Joythi	Computer Networks	III-I
13	B.Indra Devi	Design And Analysis Of Algorithms	III-I
14	P.Ashok Kumar	Data Warehousing And Data Mining	III-I

15	M.Sivaji	Internet of Things	III-I
16	A.Annapurna	Software Project Management	III-I
17	B.Indra Devi	Machine Learning	III-II
18	P.Ashok Kumar	Compiler Design	III-II
19	S V C Gupta	Cryptography And Network Security	III-II
20	Ch.Prabhavathi	Object Oriented Analysis and Design	III-II
21	G.Nancharaiah	Machine Learning	IV-I
23	M.Supriaya	Fundamentals of utilization of Electrical Engineering	IV-I
24	SVC Gupta	Cryptography and Network Security	IV-I
25	M.Madhusudhana rao	Unified Modeling Language & Design Patterns	IV-I
26	Sk.Ahmed Mohiddin	Software Project Management	IV-I
27	Dr.B .R.S Reddy	Cloud Computing	IV-I
28	U Eswar Krishna nadh/K.Bhavani	Management and Organizational Behaviour(MOB)	IV–II
29	M.Naresh Babu	Entrepreneurship(ETSP)	IV–II
30	Dr.B .R.S Reddy	Devops(Do)	IV–II

Table5.7.3.7 List of course faculty prepared coursefiles for the academic year2021–22

AcademicYear:2021-22(CAYm3)

S.No	Name of The Faculty	Course File Prepared	Class& Sem
1	B.Mounika	Mathemathics-III	II-I
2	SVC Gupta	Object Oriented Programming through C++	II-I
3	P.Ashok Kumar	Operating Systems	II-I
4	N Anil Kumar	Software Engineering	II-I
5	P V Naresh	Mathematical Foundations Of Computer Science	II-I
6	B.Mounika/ P V Naresh	Probability & Statistics	II-II
7	P.Ashok Kumar	Data base management systems	II-II
8	V M R Krishna Rao	Formal Languages And Automata Theory	II-II
9	D.Aruna	Java Programming	II-II

10	K.Sudheer kumar/K.Bhavani	Managerial Economics And Financial Accountancy	II-II
11	Sk.Ahmed Mohiddin	Data Warehousing And Data Mining	III-I
12	B.Indra Devi	Computer Networks	III-I
13	V M R Krishna Rao	Compiler Design	III-I
14	A.Pavan Kumar	Artificial Intelligence	III-I
15	Dr.B .R.S Reddy	Software Testing Methodologies	III-I
16	N.Ranga Sree	Web Technologies	III-II
17	N Anil Kumar	Distributed Systems	III-II
18	SVC Gupta	Design And Analysis Of Algorithms	III-II
19	U.Eswar Krishna Nadh	Managerial Economics And Financial Accountancy	III-II
20	SVC Gupta	Cryptography and Network Security	IV-I
21	MD.Ahmed	Software Architecture & Design Patterns	IV-I
22	N.Ranga Sree	Web Technologies	IV-I
23	K.Sudheer kumar/K.Bhavani	Managerial Economics And Financial Analysis	IV-I
24	M N Vamsi	Big Data Analytics	IV-I
25	V.Vinay Kumar	Software Project Management	IV-I
26	Dr.B .R.S Reddy	Distributed Systems	IV-II
27	U.Eswar Krishna Nadh	Management Science	IV-II
28	Sk.Ahmed Mohiddin	Machine Learning	IV-II
29	B.Indra Devi	Artificial Neural Network	IV-II

b. Lab files as Instruction Material

Table 5.7.3.8 List of lab course faculty prepared coursefiles for the academic year2023–24

Academic Year: 2023-24(CAYm1)

S.No	Name of The Faculty	Course File Prepared	Class& Sem
1	P.Ashok Kumar /K.Venkateswara Rao	Mean Stack Technologies-Module|| Angular JS and ModuleDB(SOC LAB)	IV-I
2	Sk.Ahmed Mohiddin	Data Warehousing And Data Mining Lab	III-I
3	K.Chiranjeevi	Computer Networks Lab	III-I
4	Ch.Swathi	SOC Lab(Devops)	III-I

5	M.Naresh Babu/K.Venkateswara Rao	Machine Learning Lab	III-II
6	P.Ashok Kumar/V M R Krishna Rao	Compiler Design Lab	III-II
7	K.Chiranjeevi/Ch.Prabhavathi	Cryptography and Network Security LAB	III-II
8	M.Madhusudhana Rao/T.Veena	Skill-Oriented Lab(Mean stack module-I)	III-II
9	MD.Ahmed/Ch.Mary	Object Oriented Programming Through C++ LAB	II-I
10	Ch.Prabhavathi/G.Nanchariah	Operating Systems LAB	II-I
11	N.Anil Kumar	Software Engineering LAB	II-I
12	M.Prasanthi/Md.Shamsheer	SOC LAB (NUMPY)	II-I
13	G.nancharaiah/N.Ani Kumar/ B.Indra Devi/ M.Madhusudhana Rao	Database Management Systems Lab	II-II
14	Ch.Mary/ D.Aruna/ S V C Gupta	Java Programming Lab	II-II
15	B.Indra Devi/T.veena/ M.Prasanthi/ G.nancharaiah/ Sk.Ahmed Mohiddin	R Programming Lab	II-II
16	M.Naga Vamsi/Md.Ahmed/ K.venkateswara Rao/ Ch.Mary	Applications of Python-Pandas (SOC-II)	II-II

Table5.7.3.9 List of lab course faculty prepared coursefiles for the academic year 2022–23

Academic Year: 2022-23(CAYm2)

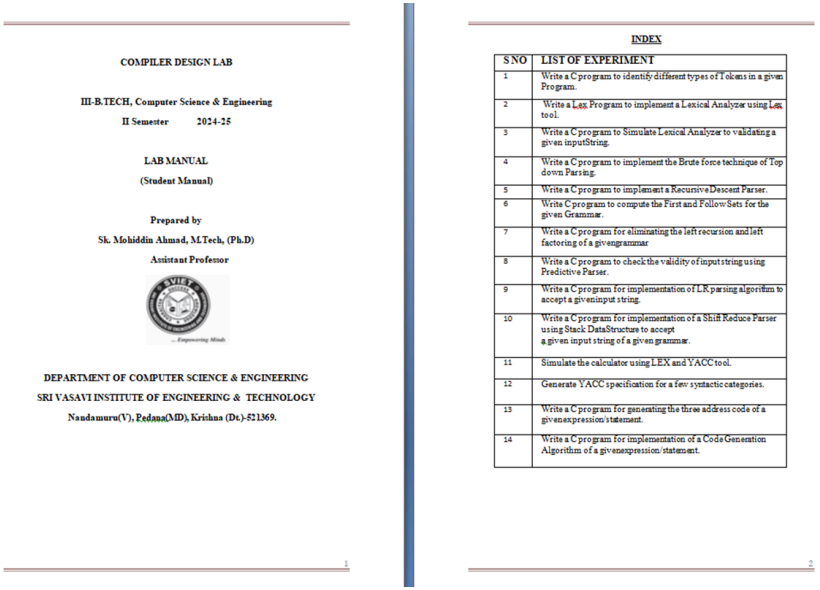
S.No	Name of The Faculty	Course File Prepared	Class& Sem
1	Md.Ahmed	Object Oriented Programming Through C++ LAB	II-I
2	Ch.Prabhavathi	Operating Systems LAB	II-I
3	D.Aruna	Software Engineering LAB	II-I
4	Sk.Ahmed Mohiddin	SOC LAB (NUMPY)	II-I
5	G.Nancharaiah	Database Management Systems Lab	II-II
6	A.Annapurna/D.Aruna	Java Programming Lab	II-II
7	Md .Ahmad	R Programming Lab	II-II
8	A .Annapurna	SOC-II(Applications of Python-Pandas)	II-II

9	P.Ashok Kumar	Data Warehousing And Data Mining Lab	III-I
10	B.Indra Devi	Computer Networks Lab	III-I
11	A.Annapurna	SOC Lab(Devops)	III-I
12	B.Indra Devi	Machine Learning Using Python Lab(ML LAB)	III-II
13	P.Ashok Kumar	Compiler Design Lab(CD LAB)	III-II
14	Ch.Prabhavathi	Cryptography and Network Security Lab(CNS LAB)	III-II
15	M.Madhusudhana Rao	SOC-IV(MEAN Stack Technologies)	III-II
16	M.Madhusudhana rao	UML Lab	IV-I

Table5.7.3.10 List of lab course faculty prepared coursefiles for the academic year 2021–22

Academic Year: 2021-22(CAYm3)

S.No	Name of The Faculty	Course File Prepared	Class& Sem
1	M.N. Vamsi/ J.S. Shankar Babu	Object Oriented Programming through C++ Lab	II-I
2	P. Ashok Kumar	Operating Systems Lab	II-I
3	N. Anil Kumar	Software Engineering Lab	II-I
4	V.M.R.Krishna Rao/Md.Ahmed/ M.Naresh Babu	Skill oriented Course - I	II-I
5	P. Ashok Kumar	Database Management Systems Lab	II-II
6	MD.Ahmed/ M. Madhusudhana Rao	R Programming Lab	II-II
7	M. N. Vamsi	Java Programming Lab	II-II
8	A.Annapurna	Skill Oriented Course - II	II-II
9	B .Indra Devi	Computer Networks Lab	III-I
10	A.Pavan Kumar	AI Tools & Techniques Lab	III-I
11	SK.Ahmed Mohiddin	Data Mining Lab	III-I
12	N.RangaSree	Web Technologies Lab	III-II
13	N.Anil Kumar	Skill Development Programmes	III-II
14	Md.Ahmed	Software Architecture & Design Patterns Lab	IV-I
15	N.Ranga Sree	Web Technologies Lab	IV-I



COMPILER DESIGN LAB

III-B.TECH, Computer Science & Engineering

II Semester 2024-25

LAB MANUAL

(Student Manual)

Prepared by

Sk. Mohiddin Ahmad, M.Tech, (Ph.D)

Assistant Professor

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY

Nandamuru(V), Pedana(MD), Krishna (Dt.)-521369.

1

INDEX

S.NO	LIST OF EXPERIMENT
1	Write a C program to identify different types of Tokens in a given Program.
2	Write a Lex Program to implement a Lexical Analyzer using Lex tool.
3	Write a C program to Simulate Lexical Analyzer to validating a given inputString.
4	Write a C program to implement the Brute force technique of Top down Parsing.
5	Write a C program to implement a Recursive Descent Parser.
6	Write C program to compute the First and Follow Sets for the given Grammar.
7	Write a C program for eliminating the left recursion and left factoring of a givengrammar
8	Write a C program to check the validity of input string using Predictive Parser.
9	Write a C program for implementation of LR parsing algorithm to accept a giveninput string.
10	Write a C program for implementation of a Shift Reduce Parser using Stack DataStructure to accept a given input string of a given grammar.
11	Simulate the calculator using LEX and YACC tool.
12	Generate YACC specification for a few syntactic categories.
13	Write a C program for generating the three address code of a given expression/statement.
14	Write a C program for implementation of a Code Generation Algorithm of a given expression/statement.

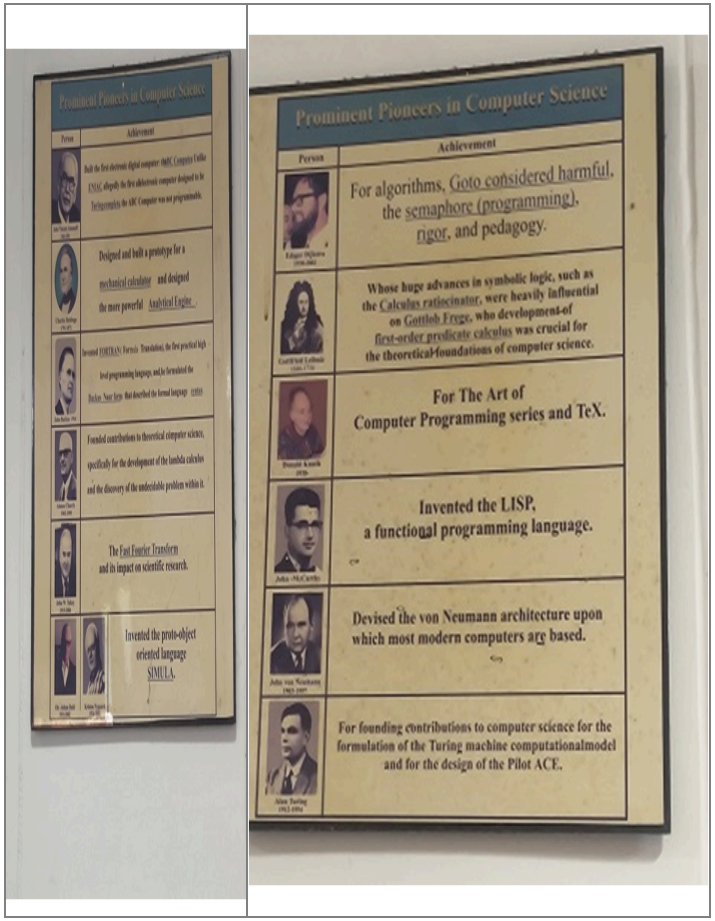
2

D.Working Models/Charts/Monograms etc.

List of working models and charts available for teaching learning prepared by the faculty are given below

Table5.7.3.11List of working model prepared by faculty in assessment period.

S.No.	Model/Chart	Working Model/charts/ monograms
1.	Computer Networks Lab Chart	CSE LAB-1
2.	ADS Lab Chart	CSE LAB-1
3.	OS Lab Chart	CSE LAB-6
4.	DBMS Lab Chart	CSE LAB-2
5.	Machine Learning Lab Chart	CSE LAB-6
6.	SOC Lab Chart	CSE LAB-2
7.	Python Programming Lab Chart	CSE LAB-6
8.	Software Engineering Lab Chart	CSE LAB-1
9.	OOP Through Java Lab Chart	CSE LAB-2
10	Data Warehousing and Mining Lab	CSE LAB-2


Prominent Pioneers in Computer Science
Person
Achievement
For algorithms, Goto considered harmful, the semaphore (programming), rigor, and pedagogy.
Whose huge advances in symbolic logic, such as the Calculus ratiocinator, were heavily influential on Gottlob Frege, who development of first-order predicate calculus was crucial for the theoretical foundations of computer science.
For The Art of Computer Programming series and TeX.
Invented the LISP, a functional programming language.
Devised the von Neumann architecture upon which most modern computers are based.
For founding contributions to computer science for the formulation of the Turing machine computationalmodel and for the design of the Pilot ACE.

5.7.4 Consultancy(from Industry) (5)

Institute Marks : 5.00

2023-24 (CAYm1)

Project Title	Duration	Funding Agency	Amount
TCS ONLINE EXAM	1 YEAR	TCS ION	926124.00
			Total Amount(X): 926124.00

2022-23 (CAYm2)

Project Title	Duration	Funding Agency	Amount
TCS ONLINE EXAM	1 YEAR	TCS ION	546268.00
			Total Amount(Y): 546268.00

2021-22 (CAYm3)

Project Title	Duration	Funding Agency	Amount
TCS ONLINE EXAM	1 YEAR	TCS ION	211350.00
			Total Amount(Z): 211350.00

Cumulative Amount(X + Y + Z) = 1683742.00

5.8 Faculty Performance Appraisal and Development System (FPADS) (30) Total Marks 30.00

Institute Marks : 30.00

Faculty members of Higher Engineering Institutions today have to perform a variety of tasks pertaining to diverse roles. In addition to instruction, Faculty members need to innovate and conduct research for their self-renewal, keep abreast with changes in technology, and develop expertise for effective implementation of curricula. They are also expected to provide services to the industry and community for understanding and contributing to the solutions of real life problems in industry. Another role relates to the shouldering of administrative responsibilities and co-operation with other faculty, Head-ofDepartments and the Head of the Institution. An effective performance appraisal system for faculty is vital for optimizing the contribution of individual Faculty to institutional performance.

The assessment is based on:

- A well-defined system for faculty appraisal for all the assessment years(10)
- Its implementation and effectiveness(20)

The performance appraisal system of the staff is evaluate and ensure information on multiple activities appropriately captured and considered for better appraisal through the following steps

Step1:Yearly self appraisal

- Based on academic results
- Faculty achievements such as research contribution (paper publications and funded R&D projects and consultancy)
- Number of workshops and training programs conducted.
- Memberships in professional societies.
- Additional responsibilities contributing towards administration.

Step2: Student feedback on faculty.

Step3:HOD recommendations.

SRI VASAVI
INSTITUTE OF ENGINEERING & TECHNOLOGY
Accredited by NAAC &NBA(CSE,ECE & ME)
Approved by AICTE,New Delhi & Affliated to JNTUK,Kakinada
AUTONOMOUS

FACULTY SELF ASSESSMENT FOR THE ACADEMIC YEAR 2023-24

1. **GeneralInformation:**
   a. Name in full : (in block letters)
   b. Department :

2. **AcademicQualifications:**

Qualification	Yearofpassing	Institution
UG:		
PG:		
Ph.D:		

   a. AdditionalQualifications/ :
   Fellowships/Memberships/certificatecourses
   b. Areaofspecialization,ifany :
   c. DateofJoining :
   d. Present designation and date of Appointmenttothatdesignation:

3. **Experience:**
   a. Industrialexperienceifany :

b. Teaching experiencetotal :

Nameofthecollege	From (Date/Month/Year)	To (Date/Month/Year)	Experienceinyears
SVIET			
OtherColleges			

PART-A

A1.Student feedback:(Theorysubjectsonly) -20M

S. No	Year-Sem-Branch-Sec	SubjectName	No.ofstudents	Percentage	Average %	Self Assessment Marks
1						
2						
3						
4						
5					>=90&<100=20	
6					>=80&<90=15	
7					>=70&<80=10	
8					>=60&<70=05	

A2.Subjects Average Pass Percentage: -20M

S. No	SubjectName	Year-Sem-Branch-Sec	No.ofstudentsappeared(A)	Passed (B)	Pass Percentage (B/A*100)	Average%	Self Assessment Marks
1							
2							
3							
4							

5						>=90&<100=20
6						>=80&<90=15
7						>=70&<80=10
8						>=60&<70=05

A3.Average Academic Classes(Theoryonly): -10M

S. No	SubjectName	Year-Sem-Branch-Sec	No.of periods asper lesson plan(A)	No.ofperiods conducted(B)	Percentageof classes taken inallotted subjects (B/A*100)	Average%	Self Assessment Marks
1							
2							
3							
4							
5						>=100=10	
6						>=90&<100= 7	
7						>=80&<90=3	
8						<80=0	

PART–B

B1. Workshops, Teaching-Learning-Evaluation Technology Programs, Faculty Development -20M Programs:STTP (Short term trainingprograms)attended,Online Certificate courses

S. No	Program	Duration	Date&Place	Organizedby
1				
2				
3				
4				
5				
6				
7				

8				

***Two per year out of which one should be at a venue above 200kms from the college preferably NITs/Reputed Universities/IITS**

B2.ResearchPublicationsandAcademicContributions: -10M

S. No	TypeofResearchPapers	No.ofPapers	MaximumSelf Assessment Marks	Obtained Self AssessmentMarks (MaximumMarks10)
1	1Scopus/SCIindexedpapers/Chapters/Book		10 M	
2	1National/InternationalJournals(NonPaid)		07 M	
3	1ReputedconferencePapers		05 M	
4	1Journal/ConferencePapers		05 M	
5	NoJournal/ConferencePapers		0 M	

B2.a)Scopus/SCIindexedJournalspapers:

S. No	Journaldetails andtitlewithPageNo's	ISSN/ SCOPUSNo.	Whether peer reviewedimpact Factor, if any	Specify Author1/ Author2/ Author3
1				
2				

B2.b)National/International Journals(Non Paid):

S. No	Journaldetailsand titlewithPageNo's	ISSN/ SCOPUSNo.	Whether peer reviewedimpact Factor, if any	Specify Author 1/ Author2/ Author3
1				
2				

B2.c)ReputedConferencePapers:

S. No	TitlewithPage No's	International/ National Conference	DetailsofConference	Specify Author1/ Author2/ Author3
1				
2				

B2.d)Journal/ConferencePapers:

S. No	TitlewithPageNo's	International / NationalJournals Conference	DetailsofJournal/Conference	SpecifyAuthor 1/ Author 2 / Author3
1				
2				

B3.ProctoringStudentsAverageValueadditions: -10M

S. No	No.ofstudents allottedfor proctoring	Year-Sem-Branch-Sec	No.of students participated in Paper presentations/Posters presentations/Technical exhibitions etc outsidethecampus (A)	No.of students wonprizes (B)	percentage (B/A)*100	Average %	Self Assessment Marks
1							
2						ForMerelyParticipation=5 For winning prize = 5 Nil=0	
3							
4							
5							

*06differentstudentsinasemestertobeparticipated

B4.ProctoringStudentsAveragepasspercentage: -10M

S. No	No.ofstudents allottedfor proctoring	Year-Sem-Branch-Sec	No.ofstudents eligible for end exams (A)	No.of students passed (B)	Pass percentage (B/A)*100	Average %	Self Assessment Marks

1							
2						>=70=10 >= 65&<70=8 >=60&<65=6 >=50&<55=4 <55 = 0	
3							
4							
5							

Staff Appraisal–Points Earned:

PART-A				**PART-B**					**TOTALSUM (A + B)**
Students feedback %(20M)	Subjects Average Pass% (20M)	Average Academic Classes% (10M)	SumofA	Workshops/ STTP/FDP/ Online course (20M)	Research Publications andAcademic Contributions (10M)	Proctoring Students Average Value additions %(10M)	Proctoring Students Average pass %(10M)	Sumof B	Totalout of (100M)

C.Additional responsibilities in the Department/College:

S. No	Responsibility	Assignedby	Duration	Outcome
1				
2				
3				
4				
5				
6				
7				

8				
9				
10				

Date: **SignatureofFaculty**

Performance Based Appraisal–Points Earned

PART-A				**PART-B**					**TOTALSUM (A + B)**
Students feedback %(20M)	Subjects Average Pass% (20M)	Average Academic Classes% (10M)	Sum ofA	Workshops/ STTP/FDP/ Online course (20M)	Research Publications andAcademic Contributions (10M)	Proctoring Students Average Value additions %(10M)	Proctoring Students Average pass %(10M)	Sumof B	Totalout of (100M)

Remarks of theHOD:

Signature

Remarks of the Principal:

Signature

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Nandamuru, Pedana Mandal, Krishna Dist – 521369.

FACULTY SELF ASSESSMENT FOR THE ACADEMIC YEAR 2022-23

01. General Information:

(a) Name in full (in block letters) : B. INDRA DEVI

(b) Department : CSE

02. Academic Qualifications:

Qualification	Year of passing	Institution
UG:	2015	SVIET
PG:	2018	SVIET
Ph.D:		

(a) Additional Qualifications / Fellowships/Memberships/certificate courses :

(b) Area of specialization, if any : CSE

(c) Date of Joining : 21/8/2019

(d) Present designation and date of Appointment to that designation : Assistant professor, 21/8/2019.

03. Experience :

(a) Industrial experience if any :

(b) Teaching experience total : 4 years 6 months.

Name of the college	From (Date/Month/Year)	To (Date/Month/Year)	Experience in years
SVIET	21/8/2019.	Till date	4 years.
Other Colleges			

PART - A

A1. Student feedback: (Theory subjects only) - 20 M

S. No	Year-Sem-Branch-Sec	Subject Name	No.of students	Percentage	Average %	Self Assessment Marks
1	III-I-CSE-A	DAA	61	83	80%	15
2	III-I-CSE-B	DAA	59	81		
3	III-II-CSE-A	ML	41	77		
4	III-II-CSE-B	ML	56	79		
5					>=90&<100= 20 >=80&<90 =15 >=70&<80 = 10 >=60&<70 =05	
6						
7						
8						

A2. Subjects Average Pass Percentage:

S. No	Subject Name	Year-Sem-Branch-Sec	Exact students appeared (A)	Passed (B)	Pass Percentage (B/A*100)	Average %	Self Assessment Marks
1	III-I-CSE DAA	III-I-CSE	61	58	93.55	95.7	20
2	DAA	III-I-CSE	60	57	95		
3	ML	III-II-CSE-A	52	50	96.15		
4	ML	III-II-CSE-B	68	67	98.53		
5						>=90&<100 = 20 >= 80&<90 =15 >=70&<80 = 10 >=60&<70 =05	
6							
7							
8							

A3. Average Academic Classes (Theory only) : - 10 M

S. No	Subject Name	Year-Sem-Branch-Sec	No.of periods as per lesson plan(A)	No.of periods conducted (B)	Percentage of classes taken in allotted subjects (B/A*100)	Average %	Self Assessment Marks
1	DAA	III-I-CSE	56	56	100	100	10
2	DAA	III-I-CSE-B	59	59	100		
3	ML	III-II-CSE-A	43	43	100		
4	ML	III-II-CSE-B	41	41	100		
5						>=100 =10 >=90&<100 = 7 >=80&<90 = 3 <80= 0	
6							
7							
8							

PART – B

B1. Workshops, Teaching-Learning-Evaluation Technology Programs, Faculty Development - 20 M
Programs: STTP (Short term training programs) attended, Online Certificate courses

S. No	Program	Duration	Date & Place	Organized by
1	Workshop	30 days	10/12/22 to 10/1/23	APSSDC
2	FDP	4 days	20/2/23 to 26/3/23	EXCELR
3	FDP	12 weeks	Jan-Apr 2023	NPTEL-AICTE
4	NPTEL	12 weeks	Jan-Apr-2023	NPTEL
5	FDP	5-days	22-May to 26-May 2023	AICTE
6				
7				
8				

* Two per year out of which one should be at a venue above 200kms from the college preferably NITs/Reputed Universities/IITS

B2. Research Publications and Academic Contributions: - 10 M

S. No	Type of Research Papers	No.of Papers	Maximum Self Assessment Marks	Obtained Self Assessment Marks (Maximum Marks 10)
1	1 Scopus/SCI indexed papers/Chapters/Book		10 M	
2	1 National/International Journals(Non Paid)		07 M	
3	1 Reputed conference Papers		05 M	
4	1 Journal/Conference Papers		05 M	
5	No Journal / Conference Papers		0 M	

B2. a) Scopus/SCI indexed Journals papers:

S. No	Journal details and title with Page No's	ISSN/ SCOPUS No.	Whether peer reviewed impact Factor, if any	Specify Author 1/ Author 2 / Author 3
1				
2				

B2. b) National /International Journals(Non Paid) :

S. No	Journal details and title with Page No's	ISSN/ SCOPUS No.	Whether peer reviewed impact Factor, if any	Specify Author 1/ Author 2 / Author 3
1	Holographic Image Generation from text description Pdhumans by DL.	0886-9367		Author 1.
2	leaf Disease detection using CNN.	2336-624.		author 1.

B2. c) Reputed Conference Papers:

S. No	Title with Page No's	International / National Conference	Details of Conference	Specify Author 1/ Author 2 / Author 3
1				
2				

B2. d) Journal / Conference Papers:

S. No	Title with Page No's	International / National Journals Conference	Details of Journal / Conference	Specify Author 1/ Author 2 / Author 3
1				
2				

B3. Proctoring Students Average Value additions: - 10 M

S. No	No.of students allotted for proctoring	Year-Sem-Branch-Sec	No.of students participated in Paper presentations/Posters presentations/Technical exhibitions etc outside the campus (A)	No.of students won prizes (B)	percentage (B/A)*100	Average %	Self Assessment Marks
1	20	III-I CSE-A.	1	-			5
2	20	III-II CSE-A.	1	-		For Merely Participation = 5 For winning prize = 5 Nil = 0	
3							
4							
5							

B4. Proctoring Students Average pass percentage: - 10 M

S. No	No.of students allotted for proctoring	Year-Sem-Branch-Sec	No.of students eligible for end exams (A)	No.of students passed (B)	Pass percentage (B/A)*100	Average %	Self Assessment Marks
1	20	III-I CSE-A	20	17	85	87.5	10
2	20	III-II CSE-A	20	18	90		
3						>= 70 =10 >= 65 &< 70= 8 >=60&< 65= 6 >=50&<55 = 4 <55 = 0	
4							
5							

Staff Appraisal – Points Earned:

PART - A				PART - B					TOTAL SUM (A + B)
Students feedback % (20M)	Subjects Average Pass % (20M)	Average Academic Classes % (10M)	Sum of A	Workshops/ STTP/ FDP/ Online course (20M)	Research Publications and Academic Contributions (10M)	Proctoring Students Average Value additions % (10M)	Proctoring Students Average pass %(10M)	Sum of B	Total out of (100M)
15	20	10	45	20	07	05	10	42	87

C. Additional responsibilities in the Department / College:

S. No	Responsibility	Assigned by	Duration	Outcome
1	Time Table Coordinator	HOD.		
2	Feedback file	HOD.		
3	Alumni Cell	HOD.		
4	SAC Member.	HOD.		
5	NAAC CL.	HOD		
6	NBA CC.	HOD		
7	III CSE A Counseller.	HOD		
8	III CSE-B. class Incharge	HOD.		
9				
10				

Date: 22/1/24.

Signature of Faculty

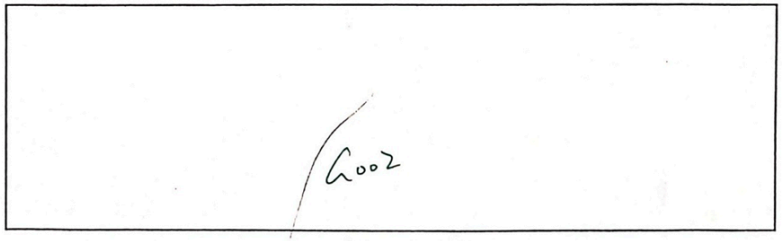
Performance Based Appraisal – Points Earned

PART - A				PART - B					TOTAL SUM (A + B)
Students feedback % (20M)	Subjects Average Pass % (20M)	Average Academic Classes % (10M)	Sum of A	Workshops/ STTP/ FDP/ Online course (20M)	Research Publications and Academic Contributions (10M)	Proctoring Students Average Value additions % (10M)	Proctoring Students Average pass %(10M)	Sum of B	Total out of (100M)
15	20	10	45	20	7	5	10	42	87

Remarks of the HOD:

Signature

Remarks of the Principal:



Signature

The outcome of the review of the performance appraisal reports

The decision taken is based on the outcome of the review of the performance appraisal reports by the management. It is conveyed by

1. One-One interaction
2. Discussions of general issues in departmental meetings

Decisions

- The increments are given at the end of the academic year.
- Knowing the status and capabilities of the faculty.
- Identify the areas in which training is required.
- Check the loop holes, if any, in the system or policies.
- Taking the output of the performance appraisal, as basis to plan for the future to ensure right man to right job.
- Enforced the training programme.
- Repositionedtheemployeesaccordingtotheirperformancesintheirrolesassignedtothem.
- Goodperformersareappreciatedandencouragedfurtherforbetterperformance.
- Reward/Award to the outstanding performers

S.No	Criteria	Marks
1	Student feedback	20
2	Subjects Average Pass Percentage:	20
3	Average Academic Classes	10
4	Workshops, Teaching-Learning-Evaluation Technology Programs, Faculty Development	20
5	Research Publications and Academic Contributions:	10
6	Proctoring Students Average pass percentage	10
7	Proctoring Students Average Value additions	10

1. Design Self-Appraisal form based on above criteria and forward to faculty.

2. Faculty fills in details with evidence (e.g., published papers, feedback reports).

3. Appraisal forms submitted to **Department**

4. Final appraisal scores reviewed by HoD & **Principal**

5. Incentive list approved by the **Management**

Criteria for giving Incentives:

S.No	**Criteria**	**Incentive**
1	**Self-appraisal score>70 , Pass Percentage 100% & 30% of students get top 3 Grades**	**10000**
2	**Self-appraisal score>70 & Pass Percentage 100%**	**7000**
3	**Self-appraisal score>70 & Pass Percentage 95%& 30% of students get top 3 Grades**	**5000**
4	**Self-appraisal score>70 & Pass Percentage 90%& 30% of students get top 3 Grades**	**4500**
5	**Self-appraisal score>70 & Pass Percentage 80%& 30% of students get top 3 Grades**	**4000**
6	**Self-appraisal score>70 & feedback>90%**	**Appreciation certificate**

Cash Award for Best Performance

Sample Appreciation Certificate

SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY

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(Approved by AICTE, New Delhi & Affiliated to JNTU Kakinada)
Nandamuru, Pedana Mandal, Krishna Dist. - 521 369

Certificate of Appreciation

This is to certify that Mr./Ms./Mrs. V.M.R. KRISHNA RAO

Professor/Associate Professor/Assistant Professor in CSE Department got 85.48%

Pass Percentage in Compiler Design Subject in III

B.Tech I Semester For the academic year 2022-2023

His/Her Achievent is appreciated.

PRINCIPAL

CORRESPONDENT

SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY

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Certificate of Appreciation

This is to certify that Mr./Ms./Mrs. B. Indra Devi

Professor/Associate Professor/Assistant Professor in CSE Department got 94.2%

Pass Percentage in Design & Analysis of Algorithms Subject in III

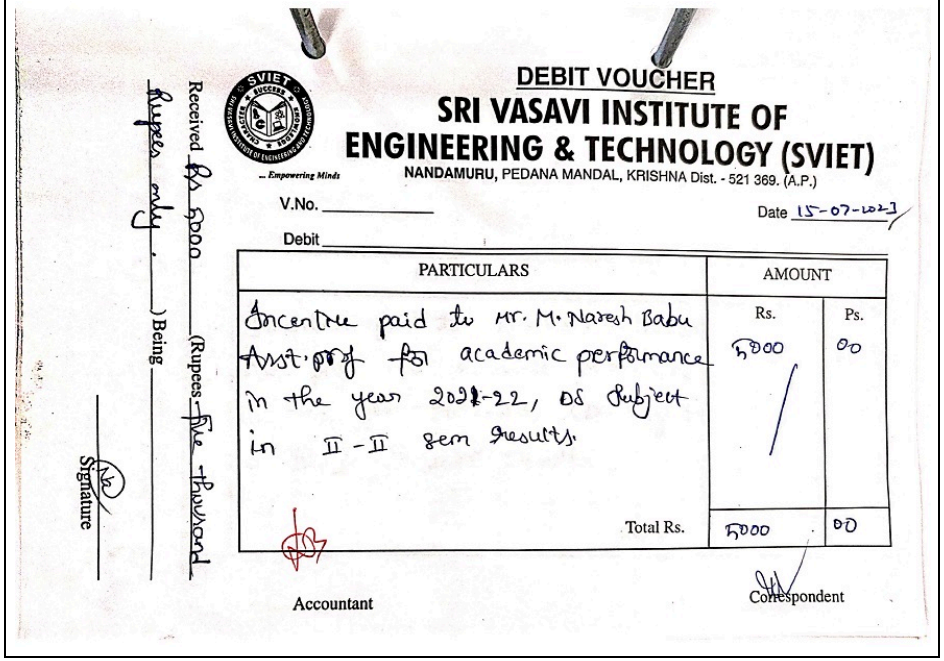
B.Tech. I Semester For the academic year 2022 2023

His/Her Achievent is appreciated.

PRINCIPAL

CORRESPONDENT

Sample Debit Voucher



DEBIT VOUCHER

SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY (SVIET)

NANDAMURU, PEDANA MANDAL, KRISHNA Dist. - 521 369. (A.P.)

V.No. _____ Date 15-07-2021

Debit _____

PARTICULARS	AMOUNT Rs.	Ps.
Incentive paid to Mr. M. Naresh Babu Asst. Prof for academic performance in the year 2021-22, as Subject in II-II sem results.	5000	00
Total Rs.	5000	00

Received Rs 5000 (Rupees five thousand only) Being

Signature

Accountant

Correspondent

Its implementation and effectiveness:

At the end of every academic year, the entire faculty is required to submit the filled-in Performance Appraisal form along with necessary enclosures. The Head of the Department reviews the filled-in proforma submitted by the faculty member and awards his/her evaluation marks. The Appraisal form is then reviewed by Principal. All successful faculty get a cash award and a certificate of appreciation. Those whose performance is not up to PAR are counseled and advised to attend various orientation programmes for their personal and professional development.

Effectiveness	2023-24	2022-23	2021-22
Award/Reward	7	7	8
Corrective measures	2	2	2

Faculty Corrective measure Certificates

MBU
MOHAN BABU UNIVERSITY
DREAM. BELIEVE. ACHIEVE

EXCELR
Raising Excellence

Certificate Of Participation

Awarded To

K.Anusha

Has participated in One Week Online National Faculty Development Program on
"Data Visualization Using Tableau"
Conducted on 1st to 5th April, 2024
Organized by Department of Computer Science and Engineering, Mohan Babu University, Tirupati, Andhra Pradesh & EXCELR EDTECH PVT. LTD.

Ram Tavva
CEO,
ExcelR Edtech Pvt. Ltd.

Dr.B.M. Satish
Dean,
SoC &SoE

Dr.M. Sunil Kumar
HOD,
Computer Science Engineering

5.9 Visiting/Adjunct/Emeritus Faculty etc. (10) Total Marks 10.00

Institute Marks : 10.00

Adjunct faculty also includes Industry Experts. Provide details of participation and contribution in teaching and learning and / or research by visiting / adjunct / Emeritus faculty etc. for all the assessment years:

- Provision of inviting/having visiting/adjunct/emeritus faculty(1)
- Minimum 50 hours per year interaction with adjunct faculty from industry/retired professors etc.(Minimum 50 hours interaction in a year will result in 3 marks for that year; 3 marks * 3 years = 9 marks)

Academic Year: 2023-24

S.N o	Visiting Faculty	Designation	Organization	Course	Class	No.of Hours
1	B.Narasimha Rao	Project Manager	Tech Mahandra, Hyderbad	Java	II CSE	36
2	J.Prabhu Kumar	Technical Lead	HCL Technologies Bangolre	Python	III CSE	35
Total						71

Academic Year: 2022-23

S.N o	Visiting Faculty	Designation	Organization	Course	Class	No.of Hours
1	B.Narasimha Rao	Project Manager	Tech Mahandra, Hyderbad	Java	II CSE	32
2	J.Prabhu Kumar	Technical Lead	HCL Technologies Bangolre	Python	III CSE	38
Total						70

Academic Year: 2021-22

S.N o	Visiting Faculty	Designation	Organization	Course	Class	No.of Hours
1	B.Narasimha Rao	Project Manager	Tech Mahandra, Hyderbad	Java	II CSE A&B	27
2	Dr. B.B.M.Krishna Kanth	Senior Data Scientist	Mobile Programming LLC.com	Artificial Intelligence	III CSE A&B	28
Total						55

6 FACILITIES AND TECHNICAL SUPPORT (80)

Total Marks 80.00

6.1 Adequate and well equipped laboratories, and technical manpower (30)

Total Marks 30.00

Institute Marks : 30.00

Sr. No	Name of the Laboratory	Number of students per set up(Batch Size)	Name of the Important Equipment	Weekly utilization status(all the courses for which the lab is utilized)	Technical Manpower Support		
					Name of the Technical staff	Designation	Qualification
1	CSE LAB 1	1	1.Acer Computers With i5 3.0 GHZ 2. Lenovo computers With i5 3.2 GHZ 3. UPS VERTEX(B PE) 20KVA 4. OPTOMA PROJECTOR 5. CISCO 24-PORT SWITCH 6. D-LINK 24-PORT SWITCH	83.3%	K J N B PURNIMA	LAB PROGRAMMER	B.Tech
2	CSE LAB 2	1	1.Acer Computers with core I5 3.3GHZ 2.VIVITEK DLP Projector 3.UPS 20KVA 4.24-PORT SWITCHES	83.3%	V.A.RAMA KOTESWARA RAO	LAB PROGRAMMER	B.TECH
3	CSE LAB 6	1	1.ACER Computers with core I5 3.0GHZ 2.DELL Computers with I53.30GHZ 3.DELL Computers with core I5 3.30 GHZ 4.EPSON PROJECTOR 5.TP-LINK 24-PORT Managed Switch 6.TP-LINK 24-PORT UnManaged Switch 7)20KVA Online UPS with 3 in and 1 out	83.3%	U.CHAMUNDESWARI	LAB PROGRAMMER	MCA

6.2 Additional facilities created for improving the quality of learning experience in laboratories (25)

Total Marks 25.00

Institute Marks : 25.00

Sr. No	Facility Name	Details	Reason(s) for creating facility	Utilization	Areas in which students are expected to have enhanced learning	Relevance to POs/PSOs
1	High end systems (6 systems in CSE LAB 2)	High end systems with Android studio, Hadoop software and R programming software	Facility to carry out experiments on Android app, Big data and data Mining	All students	Big data Android Data Mining	PO1, PO2, PO3 PO5,PO12
2	NS3	Network Simulator	UG projects	Final year students	CN & CNS	PO1,PO2,PO3,PO5, PO9,PO12/ PSO1
3	IoT	IoT Simulator	UG projects	Third and Final year students	IoT	PO1,PO2,P O3,PO5, PO9,PO12/ PSO1
4	Cloud Sim	Cloud Simulator	UG projects	Final year students	Cloud Computing	PO1,PO2,P O3,PO5, PO9,PO12/ PSO1
5	Computer Peripherals	Condemned Computers and peripherals	To provide complete picture of hardware devices for better understanding of the Course	3 hours per week	Real time experience of dissembling, locating the devices, assembling the system	PO1,PO12
6	Anaconda	Free and open source distribution of python and R programming languages for scientific computing	To provide a platform for the Students to develop Applications	To conduct a programme for 2nd and 3rd year Students	Data analytics, AI, Machine learning	PO1, PO2, PO3, PO4 PO5, PO9, PO11 ,PO12PSO1, PSO2
7	Design of Website	Application Development	To provide a platform to Students for building web applications	To conduct a programme for 3rd year Students	Applications development for Android device	PO1,PO2, PO3,PO4 PO5,PO9, PO11, PO12,PSO1, PSO2
8	Weka	It provides tools for data preprocessing	To provide a platform for data preprocessing	To conduct Data mining experiments for 4th year students.	Data preprocessing and implementation of several Machine Learning algorithms	PO1,PO2, PO3,PO4 PO5,PO9, PO11, PO12,PSO1, PSO2
9	Android Studio	Application Development	To provide a platform for the Students to building applications on every type of Android device	To conduct a programme for 3rd year Students	Applications development for Android device	PO1,PO2, PO3,PO4 PO5,PO9, PO11 ,PO12,PSO1, PSO2

6.3 Laboratories: Maintenance and overall ambiance (10) Total Marks 10.00

Institute Marks : 10.00

Maintenance and overall ambience (10)

Regular Maintenance

A complaint register is maintained in all the laboratories.

If any complaints are registered by the students, then the technical staff will monitor and solve the complaint. If the complaint is not resolved, then it is registered in the maintenance register.

The system administrator will monitor and solve the issue. If the complaint is not resolved, then third parties will be involved to solve the complaint.

A regular checkup of the equipment is carried out at the end of every semester.

Trained technical staff are available for the maintenance of equipment and software.

Software required for every semester is installed at the beginning of the semester by the technical staff of the respective lab in the presence of the concerned subject faculty.

A specific maintenance slot is provided for every lab.

Chairs and tables are serviced and maintained.

Electrical maintenance items such as UPS, A/C, electrical ports, switches, network cables, lights, and fans are serviced periodically.

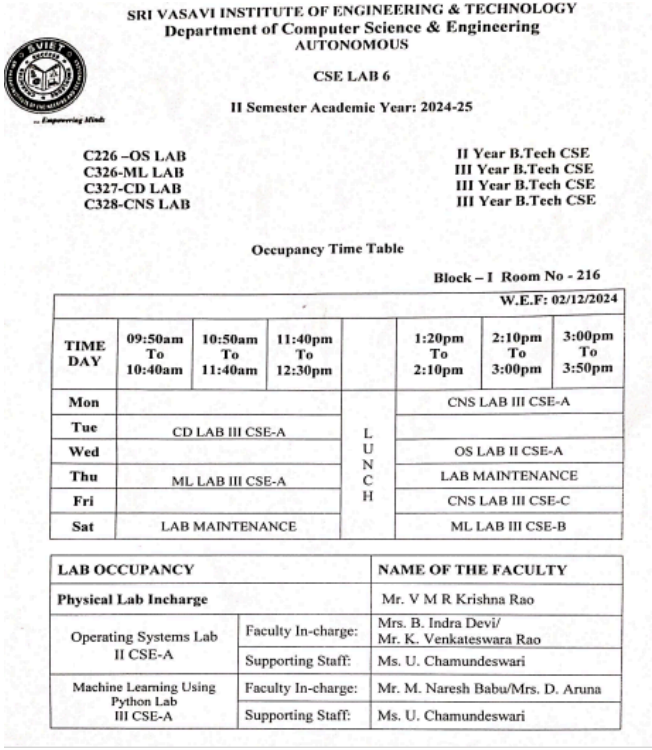
Breakdown Maintenance (Process of servicing)

The technical staff of the respective lab will inform the concerned authority.

The technical staff of the respective lab will check whether the issue can be solved at their level. If not, the incident is reported to the system administrator, who further looks into the complaint and tries to troubleshoot the problem. If the problem could be fixed locally, he would call his teammates and try to solve the issue.

Otherwise, the help of an external service agency is sought for repairs or replacement.

The system administrator will verify the job done and certify that the job has been carried out satisfactorily



SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY
Department of Computer Science & Engineering
AUTONOMOUS

CSE LAB 6

II Semester Academic Year: 2024-25

C226 –OS LAB	**II Year B.Tech CSE**
C326-ML LAB	**III Year B.Tech CSE**
C327-CD LAB	**III Year B.Tech CSE**
C328-CNS LAB	**III Year B.Tech CSE**

Occupancy Time Table

Block – I Room No - 216

W.E.F: 02/12/2024

TIME DAY	09:50am To 10:40am	10:50am To 11:40am	11:40pm To 12:30pm		1:20pm To 2:10pm	2:10pm To 3:00pm	3:00pm To 3:50pm
Mon					CNS LAB III CSE-A		
Tue	CD LAB III CSE-A						
Wed					OS LAB II CSE-A		
Thu	ML LAB III CSE-A				LAB MAINTENANCE		
Fri					CNS LAB III CSE-C		
Sat	LAB MAINTENANCE				ML LAB III CSE-B		

LAB OCCUPANCY		NAME OF THE FACULTY
Physical Lab Incharge		Mr. V M R Krishna Rao
Operating Systems Lab II CSE-A	Faculty In-charge:	Mrs. B. Indra Devi/ Mr. K. Venkateswara Rao
	Supporting Staff:	Ms. U. Chamundeswari
Machine Learning Using Python Lab III CSE-A	Faculty In-charge:	Mr. M. Naresh Babu/Mrs. D. Aruna
	Supporting Staff:	Ms. U. Chamundeswari

Machine Learning Using Python Lab III CSE-B	Faculty In-charge:	Mrs. D. Aruna/ Mr. M. Naresh Babu
	Supporting Staff:	Ms. U. Chamundeswari
Compiler Design Lab III CSE-A	Faculty In-charge:	Mr. Sk. Ahmed Mohiddin/ Mrs. A.Annapurna
	Supporting Staff:	Ms. U. Chamundeswari
Cryptography & Network Security Lab III CSE-A	Faculty In-charge:	Ms. Ch.Swathi/Mr. S V C Gupta
	Supporting Staff:	Ms. U. Chamundeswari
Cryptography & Network Security Lab III CSE-C	Faculty In-charge:	Dr. Ch. V Phani Krishna/ Mr. M. Madhusudhana Rao
	Supporting Staff:	Ms. U. Chamundeswari

Lab In-charge Time table In-charge HOD

Laboratories: Maintenance and overall ambiance

Adequate, well-equipped laboratories to meet the curriculum requirements and the POs Adequate well-equipped laboratories to meet the curriculum requirements and the POs: CSE LAB 1, CSE LAB 2 ,CSE LAB 6,PROJECT LAB, and R & D Lab are well equipped to meet the academic curriculum and lab Ambiances are appropriate. Students are demonstrated in laboratory experiments and they perform it. They can compete in any technical competition over India and they achieved good practical knowledge which will help them for their industrial campus drive program.

Availability of computing facilities in the department

S.No	Name Of The Lab	No. Of Computer
1	CSE LAB 1	66
2	CSE LAB 2	80
3	CSE LAB 6	67

300 Mbps Line RAILTEL Internet facility

UTM-Unified Threat Model (SOPHOS)

Lab is equipped with requisite softwares for the lab sessions being conducted here. Availability of laboratories with technical support within and beyond working hours Availability of laboratories with technical support within beyond working hours: Computer programming Lab, Internet center lab, Database Warehousing Lab, Network & Object Oriented Systems lab, Cryptography & network Security Lab,Machine Learning lab,Deep learning lab,Multimedia and Operating Systems Lab, Software Testing and Computing Lab,Compiler Design Lab,Python Programming Lab, DeVops Lab,Mean Stack Technologies and R & D Labs are always available within the working hours and also available beyond working hours.

Equipment to run experiments and their maintenance, number of students per experimental setup, size of the laboratories, overall ambiance, etc.

Equipment to run experiments : 1:1 Ratio the equipment(PC) is available

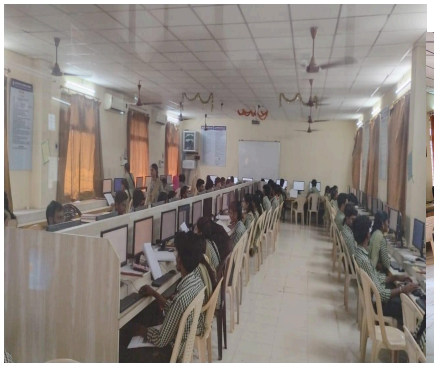
Maintenance : Well and up to date maintained

Number of students average per experimental setup size of laboratories overall ambiance: 60

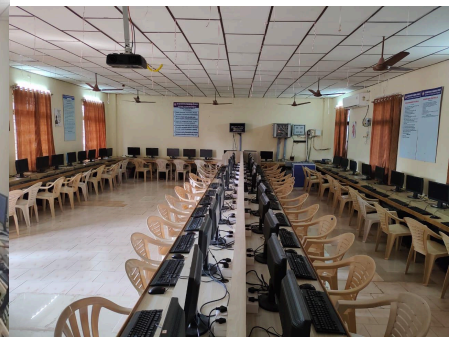
Laboratories Size:

S.No	Name Of The Lab	Area in Sq.m
1	CSE LAB 1	94.2
2	CSE LAB 2	120.774
3	CSE LAB 6	120.774

Overall Laboratory ambience:



CSE LAB 1



CSE LAB 2

CSE LAB 6

6.4 Project laboratories (5) Total Marks 5.00

Institute Marks : 5.00

PROJECT LAB

Details of available Facilities/Equipment in project Laboratory

S.No	Name of the Facilities/Equipment	No. of Units
1	Desktops: I5 Processor, 8 GB RAM, 1TB HDD, 18.5" LED Monitor, Optical Mouse &Keyboard.	72 SYSTEMS
2	12u Valrack Mount Rack	1 NO.
3	24 port D-Link 10/100 MBPS switches	3 NOs
4	24 port D-Link Patch Panel	3 NOs
5	UPS :20KVA Online UPS	1 NO

Details of available Software in Project laboratory

S.No	Software Available	Utilization	Licensed/ Freeware
1	JAVA SE development	UG Students and Faculty	Open Source
2	MySQL	UG Students and Faculty	Open Source
3	Adobe Reader	UG Students and Faculty	Open Source
4	Microsoft Windows GNU	UG Students and Faculty	Open Source
5	PYTHON3.11	UG Students and Faculty	Open Source
6	NS3	UG Students and Faculty	Open Source
7	IoT	UG Students and Faculty	Open Source
8	Cloud Sim	UG Students and Faculty	Open Source

Few Licensed software's are available

Details of working models

Sl.No	Register No.	Student Name	Title Name	Guide	PO'S,PSO'S
1	20MQ1A0551	TALUPULA HEMANTH SAI	Detection Of Phishing Website Using LGBM Sorting of Fully	Dr.G.Syam Prasad	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,P1O,PO11,PO12,PSO1,PSO2,PSO3
	20JM1A0503	TUMMALA SREYAJA KUSUMA			
	20MQ1A0530	SYED IMRATUNNISA			
	21MQ5A0521	MANNEM SAI VENKATA KONDALA PHANI KUMAR			
2	20MQ1A0502	ALLA SAI ROHITHA	Index-Based Classification	Sk.Ahmad Mohiddin	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,P1O,PO11,PO12,PSO1,PSO2,PSO3
	20MQ1A0517	KOLASANI MOUNIKA			
	20MQ1A0537	BATTINA KODANDA SIVA SANDEEP			
	21MQ5A0508	KOCHARLAKOTA SAI NAGA SIDDHARTHA BABU			
3	20MQ1A0506	BEERAM SIVANI	Machine Learning Techniques For Network Intrusion Detection System	N.Anil Kumar	PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,P1O,PO11,PO12,PSO1,PSO2,PSO3
	21MQ5A0501	JOGI REVATHI			
	21MQ5A0510	MOGILI VEERA VENKATA HARISH			
	21MQ5A0520	SHAIK ABDUL IMRAN			

Projects Done

A.Y	No. of Projects	No. of Faculty Involved
2021-22	3	3
2022-23	3	3
2023-24	3	3

Prototypes:

1. Machine Learning Techniques For Network Intrusion Detection System

SYSTEM ARCHITECTURE:

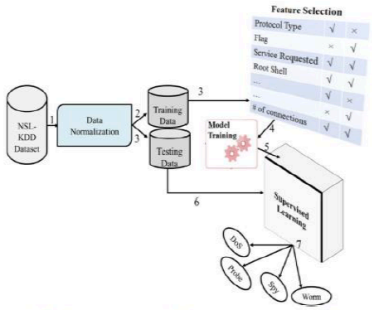
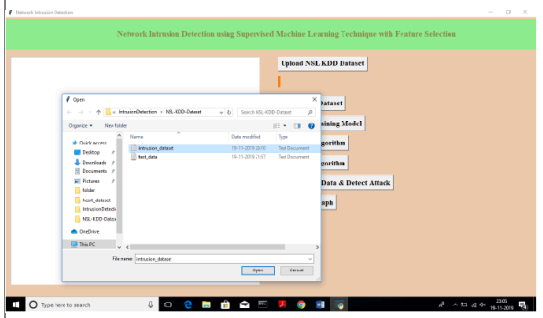
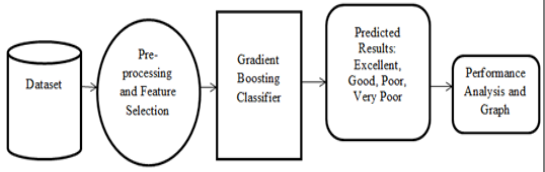
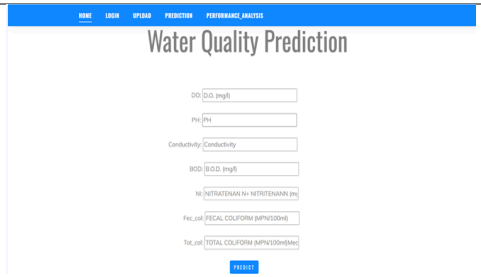


Fig 1: Proposed supervised machine learning classifier system

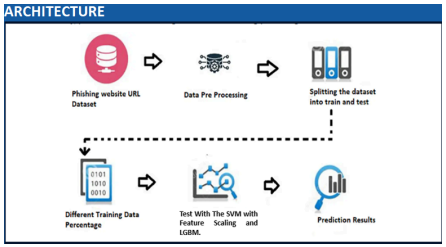


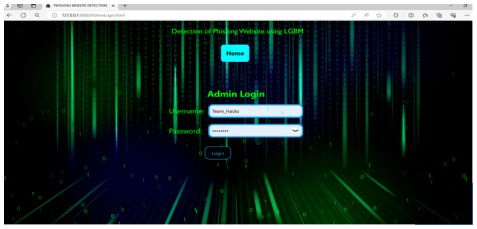
2. Index-Based Classification





3.Detection of Phishing Website using LGBM





6.5 Safety measures in laboratories (10)

Total Marks 10.00

Institute Marks : 10.00

Sr. No	Laboratory Name	Safety Measures
1	CSE LAB 1	1) Fire extinguisher 2) Water Pipelines 3) Extra stair case fitted to by-pass the accidental paths. 4) Earthing Properly 5) Firewall 6) Ups 7) Do's And Don'ts
2	CSE LAB 2	1) Fire extinguisher 2) Water Pipelines 3) Extra stair case fitted to by-pass the accidental paths. 4) Earthing Properly 5) Firewall 6) Ups 7) Do's And Don'ts
3	CSE LAB 6	1) Fire extinguisher 2) Water Pipelines 3) Extra stair case fitted to by-pass the accidental paths. 4) Earthing Properly 5) Firewall 6) Ups 7) Do's And Don'ts
4	Project Lab	1) Fire extinguisher 2) Water Pipelines 3) Extra stair case fitted to by-pass the accidental paths. 4) Earthing Properly 5) Firewall 6) Ups 7) Do's And Don'ts
5	R&D LAB	1) Fire extinguisher 2) Water Pipelines 3) Extra stair case fitted to by-pass the accidental paths. 4) Earthing Properly 5) Firewall 6) Ups 7) Do's And Don'ts

7 CONTINUOUS IMPROVEMENT (50)

Total Marks 50.00

7.1 Actions taken based on the results of evaluation of each of the POs & PSOs (20)

Total Marks 20.00

Institute Marks : 20.00

POs Attainment Levels and Actions for Improvement- (2023-24)

POs	Target Level	Attainment Level	Observations
PO 1 : Engineering Knowledge			
PO 1	2.1	2.50	Target is Achieved.
Action 1: Plan to conduct subsequent coaching classes beyond the regular planned classes in M1 and DS OS subjects. Action 2: Bridge course were conducted before the commencement of first year to enhance the prerequisite knowledge in Engineering. Action 3: To motivate the first year students to improve on the fundamentals. Action 4: For better understanding of the basics concepts in core subjects, students are being taught lab experiments along with the theory subjects.			
PO 2 : Problem Analysis			
PO 2	2.1	2.52	Target is Achieved.
Action 1: Assignments will be framed to increase the problem-solving capabilities. Action 2: Increase the problem-solving capabilities by giving the home the needed writing work on subjects M1 and Physics. Action 3: To motivate the student to use the library and to surf the internet for problem Analysis. Action 4: Motivating students for online certification courses, Encourage to Participate in departmental club activities.			
PO 3 : Design/development of Solutions			
PO 3	2.1	2.57	Target is Achieved.
Action 1: Plan to conduct a web and user interface development workshop. Action 2: Projects will be given to students to increase their design capabilities. Action 3: Motivate students to Use UML tools to create system architecture diagrams and simulate performance with tools like JMeter. Action 4: Motivate students to explore cutting-edge technologies (e.g., quantum computing, blockchain, cloud computing) and propose novel solutions in their projects.			
PO 4 : Conduct Investigations of Complex Problems			
PO 4	2.1	2.38	Target is Achieved.
Action 1: An Emerging Technologies like AI, ML, and DL Workshop will be conducted in the next academic year. Action 2: Students will be motivated to participate in national and international conferences. Action 3: students will be motivated to do internships on using different technologies. Action 4: It is proposed to increase the target level in the next academic year.			
PO 5 : Modern Tool Usage			
PO 5	2.1	2.66	Target is Achieved.
Action 1: Plan to Introduce TensorFlow and PyTorch as core tools in lab sessions in the next academic Year. Action 2: Workshops will be conducted to improve modern tool usage capabilities. Action 3: Plan to Motivate students to contribute to open-source projects on platforms like GitHub, exposing them to collaborative tools and workflows Action 4: Plan to conduct hands-on training with modern tools such as Git, Docker, Kubernetes, TensorFlow, PyTorch, or cloud platforms (AWS, Azure, Google Cloud).			
PO 6 : The Engineer and Society			
PO 6	2.1	2.50	Target is Achieved.
Action 1: Students will be encouraged to participate in a hackathon to solve problems related to societal needs. Action 2: Students are to be given awareness of real-world problems so that they will be motivated to develop any application that will be useful for society. Action 3: Students will be Assigned a group project to develop a software solution for a local charity, requiring a report on its societal benefits and potential risks. Action 4: To motivate the students to enroll in community services units like NSS.			
PO 7 : Environment and Sustainability			
PO 7	2.1	2.58	Target is Achieved.
Action 1: Conduct of the AP State Student Convention. Action 2: Encouraging the students to participate in conferences, seminars, and workshops. Action 3: Training sessions need to be conducted to build confidence in the profession’s trustworthiness and provide greater transparency about handling their affairs. Action 4: Students are encouraged to work on projects related to environment and societal issues.			
PO 8 : Ethics			
PO 8	2.1	2.89	Target is Achieved.

Action 1: Internship talk on skill development. Action 2: Students are to be trained on communication skills so that they can convey their ideas, which will be helpful to society. Action 3: Students were trained to impart ethical principles and responsibilities as a part of class work, as every subject has its own ethics inherently in it. Action 4: Educate students about the importance of maintaining ethics in our projects design and development.			
PO 9 : Individual and Team Work			
PO 9	2.1	2.47	Target is Achieved.
Action 1: Encouraging the students to participate in conferences, seminars, and workshops. Action 2: Students were involved in teamwork, such as project work and the conduct of events. Action 3: Encouraging to participate in Techfests and Hackathons. Action 4: Innovative Teaching Learning Methodologies like Think-Pair-Share, Team assignments were implemented to nurture the teamwork of students in multidisciplinary domains.			
PO 10 : Communication			
PO 10	2.1	2.89	Target is Achieved.
Action 1: Students are to be trained on communication skills so that they can convey their ideas, which will be helpful to society. Action 2: Students were guided for technical seminars and internship presentations on communication skills. Action 3: It is proposed to increase the target level in the next academic year. Action 4: Soft skill training programs were provided for the improvement of communication and presentation skills.			
PO 11 : Project Management and Finance			
PO 11	2.1	2.84	Target is Achieved.
Action 1: Encourage the students to participate in funded agency projects to learn about project management and finance management. Action 2: Training sessions have to be conducted by industrial experts related to project management and finance and to discuss different case studies pertaining to the application of leadership qualities and managing finance in multi-disciplinary environments. Action 3: Project exhibitions will be held to encourage the students to exhibit their project management skills. Action 4: Students are motivated to take internships.			
PO 12 : Life-long Learning			
PO 12	2.1	2.13	Target is Achieved.
Action 1: A technical talk on the Artificial Intelligence and Machine Learning, Internet of Things will be organized. Action 2: Students will be encouraged to register and complete online courses from Coursera, Edx, Udemy and NPTEL. Action 3: Plan to Promote certifications (e.g., AWS, Cisco, Tensor Flow Developer) to instill a habit of credentialing and skill updating. Action 4: Students are motivated to take internships.			

PSOs Attainment Levels and Actions for Improvement- (2023-24)

PSOs	Target Level	Attainment Level	Observations
PSO 1 : Engineering Fundamentals: The ability to develop computer programs in the areas related to Algorithms, Multimedia, Web design, Big Data Analytics, and IoT to deliver a quality product for society needs.			
PSO 1	2.1	2.50	Target is Achieved.
Action 1: Students were given more analytical assignments to enhance their capabilities further to increase the POs values. Action 2: Additional classes to be conducted to introduce design subjects further to increase the POs values. Action 3: Practical approach of teaching design to be adapted. Action 4: It is proposed to increase the Attainment Level in the next academic year.			
PSO 2 : Career Development: The ability to excel in Computer Science and Engineering program through quality education, communication skills and ethics which enables them to succeed in computing industry profession.			
PSO 2	2.1	2.52	Target is Achieved.
Action 1: Seminar on Industry 4.0 and emerging technologies like AI, ML, DL using different online platforms. Action 2: Workshop on Android Application Development was conducted. Action 3: Plan to Regularly organize workshops on advanced software development tools, including cloud platforms, DevOps practices, containerization (e.g., Docker, Kubernetes), and CI/CD pipelines. Action 4: Plan to Organize internship programs, live industry projects, and hackathons that simulate real-world development environments, where students can work on building software solutions that are relevant and impactful.			
PSO 3 : Problem Solving Skills: The ability to apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success.			
PSO 3	2.1	2.38	Target is Achieved.
Action 1: proposed to Organize hackathons, coding competitions, and problem-solving contests to push students to think critically and solve complex problems under time constraints. Action 2: Plan to conduct Conduct algorithm workshops that dive deep into problem-solving techniques like divide and conquer, dynamic programming, greedy algorithms, etc. Action 3: Plan to Implement group assignments or pair programming tasks where students solve problems together, share ideas, and work on solutions in tandem. Action 4: It is proposed to increase the Attainment Level in the next academic year.			

7.2 Academic Audit and actions taken thereof during the period of Assessment (10) Total Marks 10.00

Institute Marks : 10.00

Continuous Improvement through Academic Audits

The purpose of an academic audit is to enhance the quality of the education system within departments, ensuring continuous improvement in teaching and learning.

Key Areas of Academic Audit:

1. **Monitoring of Course Conduct:**

Adherence to course plans, timetables, syllabus completion, internal test standards, and evaluation processes.

2. **Student Issues:**

Identifying difficulties faced by students and recommending suitable remedial actions.

3. **Involvement in Skill Enhancement & Research:**

Assessing both faculty and student participation in skill development programs and research activities.

Internal Audits:

- **Coordinated by IQAC:** The audits are managed by the Internal Quality Assurance Cell (IQAC), with a senior faculty member as the coordinator and representatives from each department.
- **Continuous Process:** Academic audits are part of an ongoing system focused on continuous improvement.

Documents Maintained for Academic Audit:

Documents Maintained for Academic Audit:

1. **Faculty Personal Files:**

Focus on faculty quality improvement and professional growth.

2. **Course Files:**

Documents related to quality teaching, including Course files ,lab files , logbooks, and course plans.

3. **Laboratory Stock Verification:**

Ensures proper inventory and condition of laboratory equipment.

4. **Attendance Registers & Day-to-Day Evaluation:**

Tracks faculty workload and class schedules.

5. **Results Analysis:**

Helps monitor student performance and progress.

6. **Student Success Documentation:**

Includes details about placements, higher education, and competitive exam achievements.

7. **Student Feedback:**

Provides insights into teaching effectiveness, aiding continuous improvement.

8. **Counseling & Mentoring Registers:**

Documents the support provided by faculty counselors and mentors to students.

9. **Professional Activity Documentation:**

Records of guest lectures, seminars, workshops, and conferences that contribute to students learning beyond the curriculum.

10. **Co-curricular & Extra-curricular Activities:**

Tracks student participation in activities that enhance critical thinking, communication, and collaboration skills.

Frequency of Audit

S. No	Activity of Audit	Frequency	Outcome
1.	Syllabus Coverage	15days	The faculty who are not completed the course syllabus as per lesson plan or in the prescribed time. So that accordingly to inform that faculty take additional hours to complete the course in the stipulated time.
2.	Course Files	Every month	Course file monthly status identifies the faculty handling the course properly or not. If not, senior faculty may help them to complete the course
3.	Faculty Personal Files	Yearly	Personal file status gives the faculty growth in terms of academic, research activities. if not, encourage the faculty to attend FDP'S and also for higher education
4.	Lab Files	Monthly	Lab file monthly status identifies the faculty handling the lab properly or not. If not, senior faculty may help them to complete the lab
5.	Timetable File	Semester	Which shows the faculty work load based on faculty recruitment required or not
6.	Examinations File	Yearly	Based on the results what measures or steps are required to improve the pass percentage
7.	Placements File	Yearly	Which gives the data how many of the students are skilled after completion of the course. Based on that that add the new courses to the program or new course objectives to be add to the course to enhance the percentage of skilled students

Frequency of Course File Audit

S. No	Content	Expected Response	Frequency
1.	Lesson Plan with S. No as L. No, Topic, Teaching aid (TA) / Methodology (TM), Text/Reference book and web references.	L T TA TM	At the beginning of the semester
2.	Course Outcomes (COs) 5 or 6 based on syllabus with BT level mapped Course Outcomes Mapping with POs and PSOs Justification for CO-PO and CO-PSO mapping	Cos POs PSOs	At the beginning of the semester
3.	List of Gaps within the syllabus – Mapping to COs, POs and PSOs with Justification and proposed mode of addressing	Gaps COs POs PSOs	At the beginning of the semester
4.	CO– PO/PSO Mapping including Gaps	POs PSOs	At the beginning of the semester

5.	Gap addressed –Single page report	Yes / No	Every month
6.	Lecture Notes-Unit wise including gaps	Pages	At the beginning of the semester
7.	List of Power Point Presentations /Videos along with CD	PPTs Videos	Every month
8.	University Question Papers (3 previous years Xerox copies) (with CO and Bloom's Taxonomy (BT) mapping)	AYs	At the beginning of the semester
9.	Assignment Question Papers mapped with CO and BT with solutions (Award list, Xerox copy of any 3 students answer scripts)	Yes/No	Every week
10.	Internal Question Papers mapped with CO and BT levels (Present semester course and previous 3 years Xerox copy) with solutions (Award list, Xerox copy of any 3 Students answer scripts)	Yes/No	One week before the exam
11.	Scheme of evaluation with CO and BT mapping	Yes/No	One week before the exam
12.	Tutorial topics with evidence both material and attendance	Yes/No	Every week
13.	3 lists of weak and Bright students Based on previous semester/ up to previous semester. Based on faculty observations up to 3weeks. Based on 1st mid exams.	Yes/No Yes/No Yes/No	Time line given
14.	Remedial class for weak students schedule and contents / materials.	Yes/No	Every week
15.	Remedial class attendance sheet with delivery record	Yes/No	Every week
16	Bright students encouraged for GATE	No	Every week
17.	Course & its PO Attainments (Plan & Execution)	Attainments	After the semester results
18.	Course end survey form, filled forms and analysis	Attainments	At the end of the semester
19.	Students feedback on faculty and Teaching Learning analysis, corrective measured planned 3rd & 13th week	Yes/No Yes/No	After 3rd week and 13th week
20.	Observation for not attaining CO or for improvement	No. of Observations	After the semester results
21.	Plan of action to improve CO attainment next time	No. of actions	After the semester results

22.	Attendance register (including Theory/Tutorial) Teacher / Course delivery record, continuous evaluation	Filled Yes/No	Every week

Faculty Personal File Audit

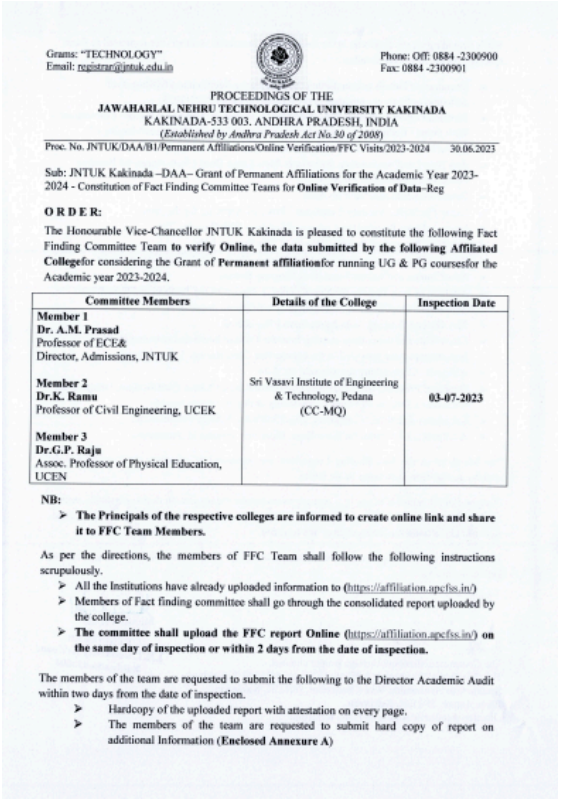
S. No	Name of the faculty	Expected Response	Frequency
1	Bio-data - Latest with all contributions	Yes/No	Yearly
2	Latest pay slip	Yes/No	Yearly
3	Self Appraisal (year wise with below mentioned items)	Yes/No	Yearly
a	Incentives/Award/Reward	Number	Yearly
b	Member of external bodies	Number	Yearly
c	ISTE-Professional memberships	Number	Yearly
d	CSI/IETE/IE/IEEE or any other	Number	Yearly
e	Promotion	Yes/No	Yearly
f	FDP organised	Number	Yearly
g	Faculty Development programs attended / resource person (6 days every year)	Number	Yearly
h	Conferences/Seminars/Workshop organised	Number	Yearly
i	Conferences/Seminars/Workshop attended	Number	Yearly
j	Invited Lectures (Expert/conference/etc)	Number	Yearly
k	Responsibility in Committees	Yes/No	Yearly
l	List of Courses/Labs handled;	Number	Yearly
m	individual Time table	Yes/No	Semester
n	List of Projects guided; Cover/Certificate Page	Number	Yearly
o	List of In-house R&D projects; documentation	Number	Yearly
p	List of Funded R&D projects; documentation	Number	Yearly
q	List of Consultancy activities; documentation	Number	Yearly
r	List of Instructional materials like course files, lab manuals; cover page	Number	Semester
s	List of Working models / Products developed / Incubation	Number	Yearly
t	Research Publications (Paper/Poster/book/book chapters/citations/etc	Number	Yearly

u	list of innovative T/L methodoligies	Number	Semester
v	link of webpage/blog/google classroom/etc	Yes/No	Semester
4	Ph.D enrolled/ awarded / guided	Yes/No	Yearly
5	Joining letter	Yes/No	Yearly
6	Appointment letter	Yes/No	Yearly
7	Bio data at the time of applying	Yes/No	Yearly
8	All educational qualifications – certificates	Yes/No	Yearly
9	Other certificates of experience	Yes/No	Yearly
10	PAN Card	Yes/No	Yearly
11	Aadhaar card	Yes/No	Yearly
12	form 16		Yearly

External Audit

S. No	Description
1	Students Admissions Details
2	Teaching and Non-Teaching Staff Details
3	Computers and Internet Details (Software Details)
4	Library Facilities Details
5	Examination Details
6	Girls Hostel Accommodation Details
7	Sports Area Details
8	Co-Curricular Aspects Details
9	College Facilities Details

Academic Year	Date of Inspection	Committee Members		
		Member 1	Member 2	Member 3
2024-25	22.06.2024	Dr. M Ramesh, Prof of Bio Technology, UCEK JNTUK	Dr. T Siva Rama Krsihna, Asst Prof of CSE, JNTUK	-
2023-24	03.07.2023	Dr. A M Prasad Prof of ECE, Director Admissions, JNTUK	Dr. K Ramu, Prof of Civil, Engineering, UCEK	Dr. G. P Raju, Assoc. Prof of Physical Education, UCEN
2022-23	02.08.2022	Dr. G. V S R Dheekshithulu, Prof of Mathematics, JNTUK Kakinada	Dr. N Ramakrishanaiah, Prof of CSE, JNTUK	-



Grams: "TECHNOLOGY"
Email: registrar@jntuk.edu.in

Phone: Off: 0884 -2300900
Fax: 0884 -2300901

PROCEEDINGS OF THE
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY KAKINADA
KAKINADA-533 003. ANDHRA PRADESH, INDIA
(Established by Andhra Pradesh Act No.30 of 2008)

Proc. No. JNTUK/DAA/B1/Permanent Affiliations/Online Verification/FFC Visits/2023-2024 30.06.2023

Sub: JNTUK Kakinada –DAA– Grant of Permanent Affiliations for the Academic Year 2023-2024 - Constitution of Fact Finding Committee Teams for **Online Verification of Data**–Reg

O R D E R:

The Honourable Vice-Chancellor JNTUK Kakinada is pleased to constitute the following Fact Finding Committee Team **to verify Online, the data submitted by the following Affiliated College**for considering the Grant of **Permanent affiliation**for running UG & PG coursesfor the Academic year 2023-2024.

Committee Members	Details of the College	Inspection Date
Member 1 **Dr. A.M. Prasad** Professor of ECE& Director, Admissions, JNTUK **Member 2** **Dr.K. Ramu** Professor of Civil Engineering, UCEK **Member 3** **Dr.G.P. Raju** Assoc. Professor of Physical Education, UCEN	Sri Vasavi Institute of Engineering & Technology, Pedana (CC-MQ)	**03-07-2023**

NB:

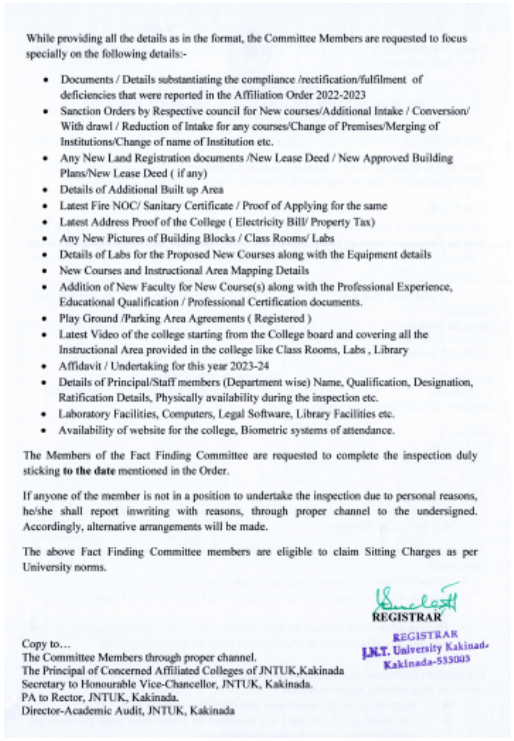
- **The Principals of the respective colleges are informed to create online link and share it to FFC Team Members.**

As per the directions, the members of FFC Team shall follow the following instructions scrupulously.

- All the Institutions have already uploaded information to (https://affiliation.apcfss.in/)
- Members of Fact finding committee shall go through the consolidated report uploaded by the college.
- **The committee shall upload the FFC report Online** (https://affiliation.apcfss.in/) **on the same day of inspection or within 2 days from the date of inspection.**

The members of the team are requested to submit the following to the Director Academic Audit within two days from the date of inspection.

- Hardcopy of the uploaded report with attestation on every page.
- The members of the team are requested to submit hard copy of report on additional Information **(Enclosed Annexure A)**



While providing all the details as in the format, the Committee Members are requested to focus specially on the following details:-

- Documents / Details substantiating the compliance /rectification/fulfilment of deficiencies that were reported in the Affiliation Order 2022-2023
- Sanction Orders by Respective council for New courses/Additional Intake / Conversion/ With drawl / Reduction of Intake for any courses/Change of Premises/Merging of Institutions/Change of name of Institution etc.
- Any New Land Registration documents /New Lease Deed / New Approved Building Plans/New Lease Deed (if any)
- Details of Additional Built up Area
- Latest Fire NOC/ Sanitary Certificate / Proof of Applying for the same
- Latest Address Proof of the College (Electricity Bill/ Property Tax)
- Any New Pictures of Building Blocks / Class Rooms/ Labs
- Details of Labs for the Proposed New Courses along with the Equipment details
- New Courses and Instructional Area Mapping Details
- Addition of New Faculty for New Course(s) along with the Professional Experience, Educational Qualification / Professional Certification documents.
- Play Ground /Parking Area Agreements (Registered)
- Latest Video of the college starting from the College board and covering all the Instructional Area provided in the college like Class Rooms, Labs , Library
- Affidavit / Undertaking for this year 2023-24
- Details of Principal/Staff members (Department wise) Name, Qualification, Designation, Ratification Details, Physically availability during the inspection etc.
- Laboratory Facilities, Computers, Legal Software, Library Facilities etc.
- Availability of website for the college, Biometric systems of attendance.

The Members of the Fact Finding Committee are requested to complete the inspection duly sticking **to the date** mentioned in the Order.

If anyone of the member is not in a position to undertake the inspection due to personal reasons, he/she shall report inwriting with reasons, through proper channel to the undersigned. Accordingly, alternative arrangements will be made.

The above Fact Finding Committee members are eligible to claim Sitting Charges as per University norms.

REGISTRAR

REGISTRAR
J.N.T. University Kakinada
Kakinada-533003

Copy to...
The Committee Members through proper channel.
The Principal of Concerned Affiliated Colleges of JNTUK,Kakinada
Secretary to Honourable Vice-Chancellor, JNTUK, Kakinada.
PA to Rector, JNTUK, Kakinada.
Director-Academic Audit, JNTUK, Kakinada

7.3 Improvement in Placement, Higher Studies and Entrepreneurship (10) Total Marks 10.00

Institute Marks : 10.00

A. **Improvement in Placements Numbers, Quality, Core Hiring Industry and Pay Packages (5)**
B. **Improvement in Higher Studies Admissions(3)**
C. **Improvement in Number of Entrepreneurs(2)**

Continuous Improvement in Placement and Higher Studies during Last Three Assessment Years

Placements Analysis A.Y 2021-22

Table 7.3.1: Placement Analysis of A.Y 2021-22

S.No	Company Name	CTC in Lakhs	No of Placements	Core/IT/ITES
1	CAPGEMINI	4 LPA	13	IT
2	TCS	3.6 LPA	11	IT
3	WIPRO	3.5 LPA	44	IT
4	DELLIOTE	6 LPA	1	IT
5	HARMAN	5 LPA	4	IT
6	HEXAWARE	4 LPA	6	IT
7	INFOSYS	3.6 LPA	13	IT
8	MINDTREE	4 LPA	6	IT
9	JMAN	3 LPA	1	IT
10	NAGARRO	3.5 LPA	1	IT
11	PERSISTANCE	4.7 LPA	2	IT
12	SOPRA STERIA	6 LPA	2	IT
13	PUPILS	4.5 LPA	1	IT
14	REVATURE	4 LPA	4	IT
15	DHL	4.5 LPA	4	IT
16	TECH MAHINDRA	3.25 LPA	1	IT
17	YUPTV	3 LPA	2	ITES
18	ZESTAA	3 LPA	1	IT
19	ATOS	3.4 LPA	1	IT
20	GENAMPLIFY SOLUTIONS HUB	3.6 LPA	1	IT
21	SAGEIT	1.5 LPA	1	IT
22	CRIZTONE TECHNOLOGY PRIVATE LIMITED	3.54 LPA	5	IT
23	NIYO FARM TECH PRIVATE LIMITED	3.6 LPA	5	IT

24	ALIEN INNOVATIONS PRIVATE LIMITED	4.2 LPA	5	IT
25	MANJHA TECHNOLOGIES PVT LTD	3.54 LPA	5	IT
26	BIST TECHNOLOGIES PVT LTD	3.6 LPA	5	IT
	Total	**545.95 LPA**	**145**	
	Average CTC	**3.76 LPA**		

Placements Analysis A.Y 2022-23

Table 7.3.2: Placement Analysis of A.Y 2022-23

S.No	Company Name	CTC in Lakhs	No of Placements	Core/IT/ITES
1	ACCENTURE	5 LPA	2	IT
2	CONCENTRIX	2.2 LPA	1	IT
3	DAZN SOLUTIONS	2.4 LPA	1	ITES
4	INTELLIPAT	6.2 LPA	3	IT
5	JHAISHNA TECHNOLOGIES	1.5 LPA	14	IT
6	NEROPINE	1.2 LPA	1	IT
7	PRUDENT GLOBALTECH SOLUTIONS	1.7 LPA	1	IT
8	SPRYPLEHR	2.6 LPA	2	IT
9	SRAVANTIS	2.3 LPA	8	IT
10	SURYA TECH SOLUTIONS	2 LPA	3	IT
11	SVIET	1.5 LPA	2	ITES
12	SWIFT STAFFING SOLUTIONS	2.7 LPA	1	IT
13	TCS	3.5 LPA	1	IT
14	THINK AI LABS	1.8 LPA	1	IT
15	UTS	4.32 LPA	1	IT
16	VALANELABS	2 LPA	1	IT
17	VASISTA TECHNOLOGIES	2.4 LPA	2	IT
18	WIPRO	2.65 LPA	4	IT
19	ZARAVYA SOLUTIONS	2.2 LPA	1	IT
20	NETSPIN	4.3 LPA	1	IT
21	iTALENT DIGITAL	3.8 LPA	1	IT
22	CRIZTONE TECHNOLOGY PRIVATE LIMITED	3.54 LPA	3	IT
23	NIYO FARM TECH PRIVATE LIMITED	4.2 LPA	3	IT

24	ALIEN INNOVATIONS PRIVATE LIMITED	3.6 LPA	3	IT
25	MANJHA TECHNOLOGIES PVT LTD	3.54 LPA	3	IT
26	BIST TECHNOLOGIES PVT LTD	3.6 LPA	3	IT
	Total	**185.16 LPA**	**67**	
	Average CTC	**2.76 LPA**		

Placements Analysis A.Y 2023-24

Table 7.3.3: Placement Analysis of A.Y 2023-24

S.No	Company Name	CTC in Lakhs	No of Placements	Core/IT/ITES
1	ACCENTURE	4.4 LPA	2	IT
2	EXCELR	2.8 LPA	12	IT
3	GLOBAL LOGIC	2.3 LPA	26	IT
4	PALLE TECHNOLOGIES	2 LPA	4	IT
5	SURYATECH SOLUTIONS PRIVATE LTD.	2.2 LPA	8	IT
6	CRIZTONE TECHNOLOGY PRIVATE LIMITED	4 LPA	1	IT
7	UPSTARTIX INNOVATIONS PRIVATE LIMITED	3.6 LPA	9	IT
8	NIYO FARM TECH PRIVATE LIMITED	4 LPA	1	IT
9	ALIEN INNOVATIONS PRIVATE LIMITED	4.2 LPA	2	IT
10	MANJHA TECHNOLOGIES PVT LTD	3.54 LPA	1	IT
11	BIST TECHNOLOGIES PVT LTD	3.6 LPA	1	IT
	Total	**183.74 LPA**	**67**	
	Average CTC	**2.74 LPA**		

Higher Education Details A.Y 2021-22

S.No	Regd. No	Name of student enrolling into higher education	Program graduated from	Name of institution joined	Name of programme admitted to
1	18MQ1A0551	MOHAMMAD AYMAN	BTECH(CSE)	EASTERN ILLINOIS UNIVERSITY	MS IN TECHNOLOGY
2	18MQ1A0574	SRAVYA	BTECH(CSE)	BRADLEY UNIVERSITY,US	MS IN COMPUTATIONAL DATA SCIENCE

Higher Education Details A.Y 2022-23

S.No	Regd. No	Name of student enrolling into higher education	Program graduated from	Name of institution joined	Name of programme admitted to
1	19MQ1A0527	SIVAKOTI LASYA	BTECH(CSE)	ICFAI BUSINESS SCHOOL,HYDERABAD	MBA
2	20MQ5A0519	VIJAY BABU VEERLA	BTECH(CSE)	SACRED HEART UNIVERSITY,US	MS IN COMPUTER SCIENCE &IT-CS
3	19MQ1A0555	A.RAJA RAJESWARI	BTECH(CSE)	NRI INSTITUTE OF TECHNOLOGY	M.TECH-CSE
4	19MQ1A0533	V. NAGA SATYA TEJA	BTECH(CSE)	JNTUK-KAKINADA	M.TECH-AIML
5	19MQ1A0548	PAREPALLI MANOHAR	BTECH(CSE)	SACRED HEART UNIVERSITY,US	MS IN COMPUTER SCIENCE &IT-CS
6	19MQ1A0503	ARJAMPUDI LUDWIKA	BTECH(CSE)	JNTUK-KAKINADA	M.TECH-AIML
7	20MQ5A0512	MUTCHU HEMA SRINU	BTECH(CSE)	ADIKAVI NANNAYA UNIVERSITY-RAJAMAHENDRAVARAM	M.TECH-CSE

Higher Education Details A.Y 2023-24

S.No	Regd. No	Name of student enrolling into higher education	Program graduated from	Name of institution joined	Name of programme admitted to
1	20MQ1A0529	S VENKATA RAJESWARI	BTECH(CSE)	KRISHNA UNIVERSITY, MACHILIPATNAM	M.TECH-CSE
2	21MQ5A0505	B L SOMA NAIDU	BTECH(CSE)	JNTU-VIZAYANAGARAM	M.TECH-CSE

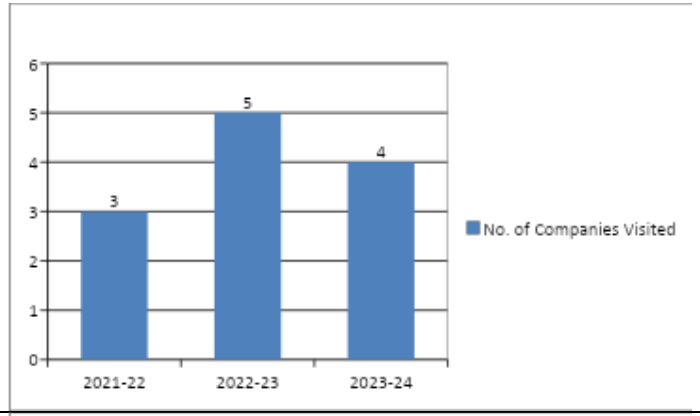
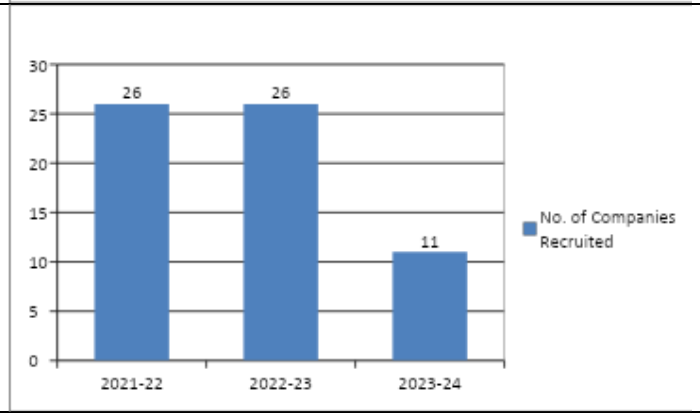
Table 7.3.4 Summary of continuous improvement in placements and higher studies during assessment period

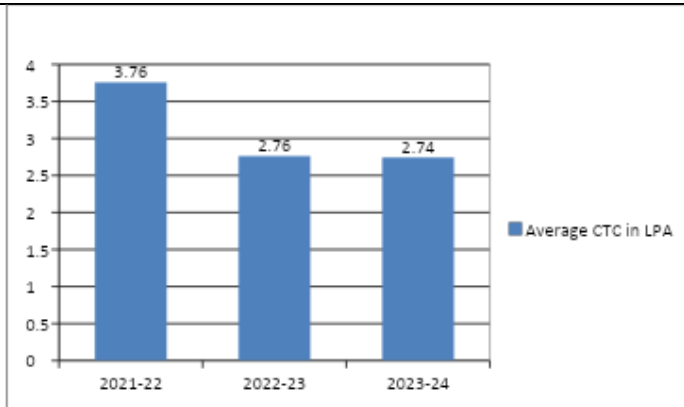
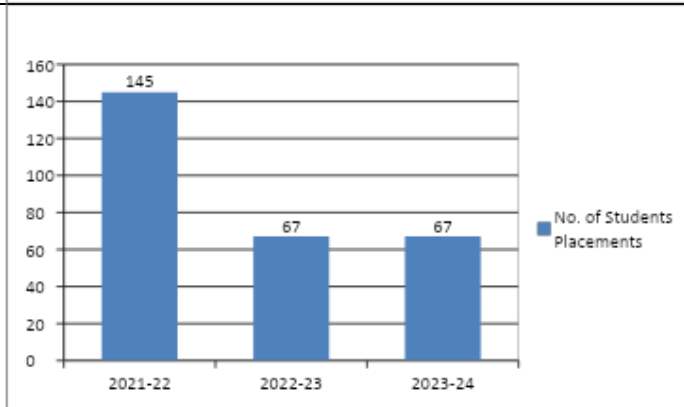
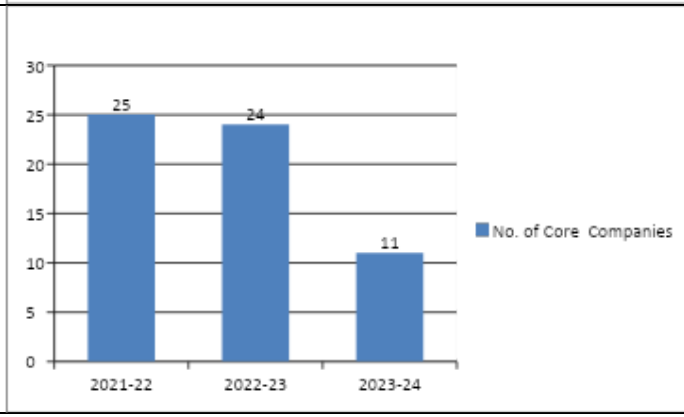
A. Y	No. of Companies Visited	No. of Companies Recruited	Average CTC in LPA	No. of Students Placements	No. of Core Companies	No. Of IT and ITES Companies	No. of Higher Studies Enrolment	Highest CTC in LPA

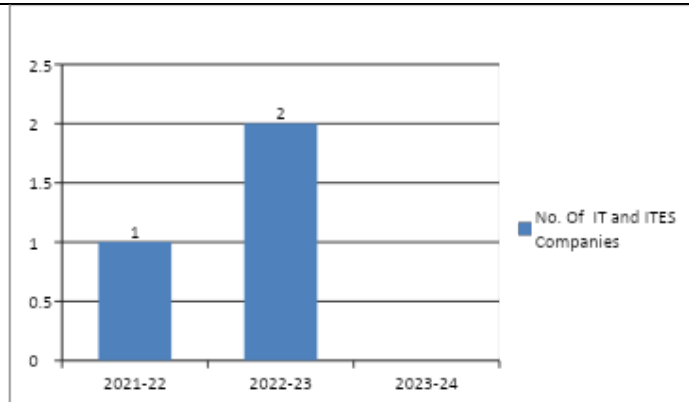
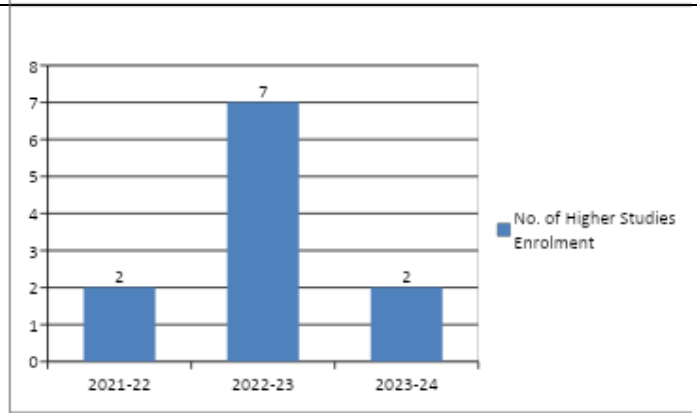
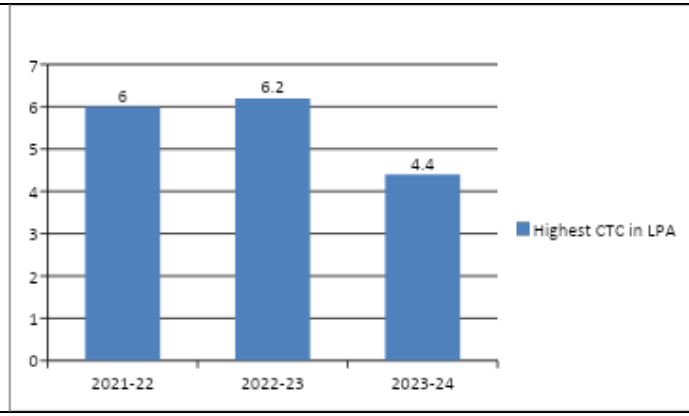
2021-22	3	26	3.76	145	25	1	2	6
2022-23	5	26	2.76	67	24	2	7	6.2
2023-24	4	11	2.74	67	11	0	2	4.4

Placement Assessment and Trends

Figure 7.3.5 Summary of continuous improvement in placements and higher studies during assessment period

SNO.	Representation	Trend Description
1.		Decrease in companies visited in the academic year 2021-22 and 2023-24 due to recession in the market.
2		Decrease in companies recruited in the academic year 2023-24 due to recession in the market.

3		Average CTC is observed to be decreased as no of placements are decreased
4		Placement opportunities decreased due to recession in the market.
5		Decrease in companies recruited in the academic year 2023-24 due to recession in the market.

6		Decrease in IT and ITES companies recruited in the academic year 2023-24 due to recession in the market.
7		Decrease in the No. of Higher studies in the academic year 2021-22 due to high recruitment in the companies, and in the academic year 2023-24 due to not interested in higher studies.
8		Decrease in Highest CTC in the academic year 2023-24 due to recession in the market.

7.4 Improvement in the quality of students admitted to the program (10)

Total Marks 10.00

Institute Marks : 10.00

Item		2024-25	2023-24	2022-23
National Level Entrance Examination	No of students admitted	0	0	0
	Opening Score/Rank	0	0	0
NA	Closing Score/Rank	0	0	0
State/ University/ Level Entrance Examination/ Others	No of students admitted	222	259	177
	Opening Score/Rank	23506	5654	23857
AP EAMCET / EAPCET	Closing Score/Rank	173129	151301	158125
Name of the Entrance Examination for Lateral Entry or lateral entry details	No of students admitted	29	24	19
	Opening Score/Rank	39	370	1100
AP ECET	Closing Score/Rank	5805	6782	6537
Average CBSE/Any other board result of admitted students(Physics, Chemistry&Maths)		404	385	346

8 FIRST YEAR ACADEMICS (50)

Total Marks 46.02

8.1 First Year Student-Faculty Ratio (FYSFR) (5)

Total Marks 5.00

Institute Marks : 5.00

Please provide First year faculty information considering load for the particular program

Name of the faculty member	PAN No.	Qualification	Date of Receiving Highest Degree	Area of Specialization	Designation	Date of joining	Teaching load (%)			Currently Associated (Yes / No)	Nature Of Association (Regular / Contract)	Date Of leaving(In case Currently Associated is 'No')
							CAY	CAYm1	CAYm2			
Dr. Ch.Sri Sant	AYHPK9252B	M.Sc. (Physics) and Ph.D.	08/05/2023	Physics	Associate Professor	01/06/2022	100	100	100	Yes	Regular	
Dr.R. Ravi	ALUPR0019F	M.Sc. and Ph.D. (Chemistry)	04/12/2014	Chemistry	Associate Professor	01/06/2022	100	100	100	Yes	Regular	
D.Supriya	ANLPT9481A	M.Sc	20/05/2006	Mathematics	Assistant Professor	16/06/2008	100	100	100	Yes	Regular	
B.Tandava Kris	BMFPB7596A	M.Sc	30/04/2011	Mathematics	Assistant Professor	03/06/2013	100	100	100	Yes	Regular	
G.Manasa	GYYPM6524F	M.Sc	30/07/2021	Mathematics	Assistant Professor	22/10/2021	100	100	100	Yes	Regular	
N.H.N.Bhavani	FDQPB9001Q	M.Sc	30/04/2018	Chemistry	Assistant Professor	04/07/2022	100	100	100	Yes	Regular	
D.Lakshmi	EFHPD2679G	M.Sc	28/04/2017	Chemistry	Assistant Professor	29/12/2017	100	100	100	Yes	Regular	
Dr G Tejaswi	ATNPG8319C	M.Tech and Ph.D	30/03/2024	EEE	Associate Professor	03/06/2022	100	100	100	Yes	Regular	
Sajida Sultana	ELNPS5673D	M.E/M.Tech	30/10/2010	CSE	Assistant Professor	04/06/2022	100	100	100	Yes	Regular	
B.R.Nagavalli	BASPB2311L	M.Phil	30/04/2007	English	Assistant Professor	13/06/2016	0	0	100	No	Regular	15/07/2023
M.L.L.Phanikar	BKOPM2098H	M.Phil	01/12/2009	Mathematics	Assistant Professor	07/10/2009	100	100	100	Yes	Regular	
SK.Hidayatulla	BZQPS9234Q	MA	30/04/2005	English	Assistant Professor	06/06/2012	100	100	100	Yes	Regular	
P.Rambabu	BURPP8901K	M.Sc	30/11/2005	Physics	Assistant Professor	16/05/2016	100	100	100	Yes	Regular	
Y.V.R.D.N.Sara	ANCPY1539K	M.Sc	30/04/2006	Mathematics	Assistant Professor	22/05/2017	100	100	100	Yes	Regular	
B.Srinivasarao	BADPB7654M	M.Sc	30/04/2014	Chemistry	Assistant Professor	30/07/2021	100	100	100	Yes	Regular	
K V V N Bhask	BTUPK9848N	M.Tech	30/09/2010	EEE	Assistant Professor	08/01/2015	100	100	100	Yes	Regular	
Ch. Giri Phani	AXDPO1823D	M.Tech	30/12/2014	CIVIL	Assistant Professor	18/11/2019	100	100	100	Yes	Regular	

N.Vinay Kumar	AYQPN5154J	M.Tech	30/06/2017	CIVIL	Assistant Professor	21/12/2020	100	100	100	Yes	Regular	
K. Nagamani	EFAPK5362E	M.Tech	30/01/2019	CSE	Assistant Professor	06/06/2022	100	100	100	Yes	Regular	
K. Keerthi	DUWPK7981R	M.Tech	30/12/2017	CSE	Assistant Professor	20/06/2022	100	100	100	Yes	Regular	
K.Murali Mohan	APZPM1633B	M.Tech	30/11/2013	CSE	Assistant Professor	09/06/2022	100	100	100	Yes	Regular	
P.Vijaya Kanth	CVFPP3551D	M.Tech	30/07/2019	MECH	Assistant Professor	10/06/2022	100	100	100	Yes	Regular	
V. Sai Mounika	AYDPV9641B	M.Tech	16/05/2018	MECH	Assistant Professor	04/06/2022	100	100	100	Yes	Regular	
Dr.Ch.Sesha S	AIQPC4077P	M.A and Ph.D	21/11/2022	English	Associate Professor	05/07/2023	100	100	0	Yes	Regular	
Dr.N. Swamy K	BUAPK0006R	M.SC. (Mathematics) and PhD	07/01/2022	Mathematics	Professor	01/08/2022	100	100	100	Yes	Regular	
Dr.A.V.Raghura	ANUPA7595F	M.A and Ph.D	09/03/2021	English	Professor	06/05/2008	100	100	100	Yes	Regular	
P.Purnima	GNPPP8611E	M.Sc	30/07/2021	Physics	Assistant Professor	20/10/2021	100	100	100	Yes	Regular	
V.Tejaswi	CKKPV9204R	M.Sc	30/04/2022	Physics	Assistant Professor	01/06/2022	100	100	100	Yes	Regular	
K.Ravi	DZXPK8071E	M.Tech	15/02/2017	Mechanical	Assistant Professor	08/06/2022	100	100	100	Yes	Regular	
P.Srikanth	BFAPP4592L	M.Tech	30/01/2014	EEE	Assistant Professor	13/05/2014	100	100	100	Yes	Regular	

Year	Number Of Students(approved intake strength) N	Number of Faculty members(considering fractional load) F	FYSFR (N/F)	*Assessment=(5*20)/FYSFR(Limited to Max.5)
2022-23(CAYm2)	480	29	17	5
2023-24(CAYm1)	510	29	18	5
2024-25(CAY)	510	29	18	5
Average	500	29	17	5

8.2 Qualification of Faculty Teaching First Year Common Courses (5) Total Marks 3.00

Institute Marks : 3.00

Year	x (Number Of Regular Faculty with Ph.D)	y (Number Of Regular Faculty with Post graduate Qualification)	RF (Number Of Faculty Members required as per SFR of 20:1	Assessment Of Faculty Qualification [(5x + 3y) / RF]
2022-23	3	23	24	3.00
2023-24	5	22	25	3.00
2024-25	5	22	25	3.00

Average Assessment: 3.00

8.3 First Year Academic Performance (10) Total Marks 8.02

Institute Marks : 8.02

Academic Performance	2024-25	2023-24	2022-23
Mean of CGPA or mean percentage of all successful students(X)	8.20	8.09	7.85
Total Number of successful students(Y)	240.00	177.00	119.00
Total Number of students appeared in the examination(Z)	240.00	177.00	120.00
API [X*(Y/Z)]	8.20	8.09	7.78

Average API[(AP1+AP2+AP3)/3] : 8.02

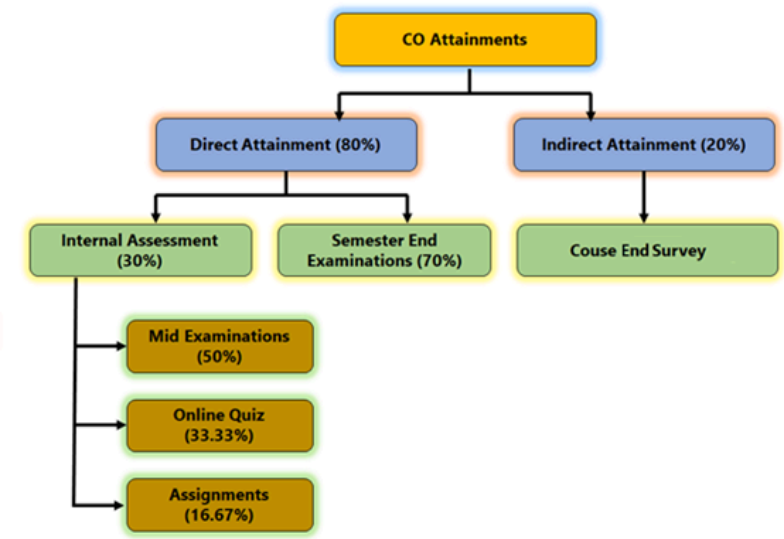
Assessment [1.5 * Average API] : 8.02

8.4 Attainment of Course Outcomes of first year courses (10) Total Marks 10.00

8.4.1 Describe the assessment processes used to gather the data upon which the evaluation of Course Outcomes of first year is done (5)

Institute Marks : 5.00

Procedure for Attainment of Cos



A. List of assessment processes (1)

Procedure for COs Assessment:

Assessment Tools and Processes :

A. Course Outcome Assessment for Theory Courses

Assessment Methods	Weights		Final Course Outcome
Continuous Internal Examination	70%	80%	
Semester End Examination	30%		
Course End Survey(CO Feedback)	20%		

The attainment of course outcome (CO) is assessed through direct and indirect evaluations. The direct attainment is measured based on the performance of the students in the internal and external examinations. TheCourse end surveyquestionnaireispreparedbytheCourseinstructorinconsultationwiththe Program Coordinator. The indirect attainment is measured based on course end survey. The Course end survey questionnaire consisting of all course outcomes is distributed to the students at the end of everysemester.The Survey reports are assessed with a rating of 3 for excellent, 2forGood, 1 for Poor.The average of the ratings obtained from course end survey will be taken on 3 points scale. By taking the weighted average of internal, external and course end survey the final co assessment is calculated.

For Theory & Mandatory Courses:

Direct Attainment for subjects:

S.No	Assessment Method	Marks Weightage
1	Mid	15(50%)
2	Assignment	5(10%)
3	Online	10(10%)
4	End Semester Exam	70(30%)

B. The relevance of assessment tools used (4)

Tool used	Frequency of data collection	Responsible person	Assessment criterion	Rubric for Attainment Level	Weightage
Internal examinations. (Mid+Assignments+Quiz)	Twice per Semester	Examinations cell	Students scored **>50% max mark**	3**:** **>70%** students 2: 50-60% students 1:40-50% students 0:<40% students	70%
University Examinations	Once per semester	Examinations cell	Students scored > class average mark	3: >60% students 2: 40-60% students 1: 20-40% students 0:<20% students	30%

SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)
DEPARTMENT OF SCIENCE AND HUMANITIES

bject Code	B23CS11
bject Name	IP
ar & Sem	I.BTECH,I-SEM
ademic Year	2023-2024
culty Name	Md.Shamsheer,Md.Ameer Raza,M.Madhusudhanarao,M N Vamsi, ,Ch.Swathi

	COURSE OUTCOMES(BTL)	Performed	Appeared	3-SCALE	CIE (%)
CO1	Realize basics of computers the concept of	222	258	**2.58**	**86.05**
CO2	Analyse a problem and develop an algorithm	218	259	**2.53**	**84.17**
CO3	Implement various algorithms using the c pro	233	259	**2.70**	**89.96**
CO4	List more advanced features of c language	237	259	**2.75**	**91.51**
CO5	Develop problem solving skills and the ability to debug and optimize the code using Cartesian and polar coordinates and in	230	259	**2.66**	**88.80**

Sl. No.	Roll Numbers	First Mid					Second Mid				
		Q1	Q2	Q3	Assignment 1	Quiz 1	Q1	Q2	Q3	Assignment 2	Quiz 2
		5	5	5	5	10	5	5	5	5	10
		CO1	**CO2**	**CO1 or 2**	**CO 1,2,3**	**CO 1,2,3**	**CO3**	**CO 4**	**CO 5**	**CO 3,4,5**	**CO 3,4,5**
1	23MQ1A0501	4	1	5	5	5	4	1	5	5	6
2	23MQ1A0502	2	1	4	5	4	3	1	2	5	6
3	23MQ1A0503	3	1	2	5	5	4	1	5	5	5
4	23MQ1A0504	0	0	0	5	1	0	0	0	5	0
5	23MQ1A0505	4	4	5	5	6	4	1	5	5	5

Studentwise CO Attainments				
CO 1	CO 2	CO 3	CO 4	CO 5
2.28	1.65	2.25	1.80	2.40
1.80	1.50	2.10	1.80	1.95
1.80	1.65	2.10	1.65	2.25
0.72	0.90	0.75	0.75	0.75
2.40	2.25	2.10	1.65	2.25

SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)
DEPARTMENT OF SCIENCE AND HUMANITIES

		COURSE OUTCOMES(BTL)	Performed	Appeared	3-SCALE	SEE (%)
ubject Code	B23CS11	Realize basics of computers the concept of algorithm and algorithmic thinking (Understand)	189	260	**2.18**	**72.69**
ubject Name	IP	Analyse a problem and develop an algorithm to solve it (Analyze)	141	260	**1.63**	**54.23**
ear & Sem	I.BTECH,I-SEM	Implement various algorithms using the c programming language (Apply)	144	260	**1.66**	**55.38**
cademic Year	2023-2024	List more advanced features of c language (Understand)	146	260	**1.68**	**56.15**
aculty Name	MDAR,MDS,MMSR,MNV,CH-	Devlop problem solving skills and the ability to debug and optimize the code (Apply)	83	260	**0.96**	**31.92**

S. No.	Q 1.a	Q 1.b	Q 1.c	Q 1.d	Q 1.e	Q 1.f	Q 1.g	Q 1.h	Q 1.i	Q 1.j	Q 2	Q 3	Q 4	Q 5	Q 6	Q 7	Q 8	Q 9	Q10	Q11
	2	2	2	2	2	2	2	2	2	2	10	10	10	10	10	10	10	10	10	10
	CO 1	CO 1	CO 2	CO 2	CO 3	CO 3	CO 4	CO 4	CO 5	CO 5	CO 1	CO 1	CO 2	CO 2	CO 3	CO 3	CO 4	CO 4	CO 5	CO 5
1	1	0	0	1	0	0	1	0	0	0	6			4	5	3		7		
2	2	1		2	2	2	2	1	2		6		8	7	10	5	7		2	
3	2	0	1	1	1		1	1	1	1		4		6	3		6		8	
4	1	1								1	0	3	1	0		0	1		1	
5	0	0	0	0	1	0	0	0	0	0	4			4	2			4	2	
6	0	0	0	0		0	0			1		5		0	1		0		0	
7	1		0				0	1												
8	1	1	1	1	1	1	1	1	1	1	6		6		8		5		2	
9	1			1		1	0	0			0				2		0		1	

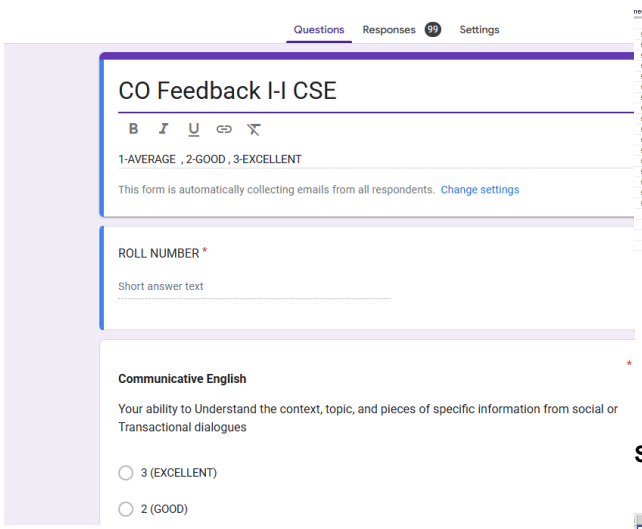
SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ubject Code	B23CS11
ubject Name	IP
ear & Sem	I-B.TECH,I-SEM
cademic Year	2023-2024
aculty Name	Md.Shamsheer,Md.Ameer Raza,M.Madhusudhanarao,M N Vamsi, ,Ch.Swathi

COURSE OUTCOMES(BTL)	INTERNAL		EXTERNAL		DIRECT CO ATTAINMENT	INDIRECT CO ATTAINMENT	FINAL CO ATTAINMENT
	Performed	Appeared	Performed	Appeared			
ealize basics of computers the concept of algorithm and algorithmic thinking (Understand)	225	258	189	260	2.31	2.39	**2.33**
nalyse a problem and develop an algorithm to solve it (Analyze)	221	259	141	260	1.91	2.40	**2.01**
nplement various algorithms using the c programming language (Apply)	233	259	144	260	1.97	2.36	**2.05**
ist more advanced features of c language (Understand)	224	259	146	260	1.96	2.35	**2.04**
evlop problem solving skills and the ability to debug and optimize the code (Apply)	208	259	83	260	1.39	2.34	**1.58**

	INTERNAL	EXTERNAL	DIRECT	INDIRECT	FINAL	Target	1.8	60% of 3
CO 1	2.62	2.18	2.31	2.39	**2.33**	YES		
CO 2	2.56	1.63	1.91	2.40	**2.01**	YES		
CO 3	2.7	1.66	1.97	2.36	**2.05**	YES		
CO 4	2.59	1.68	1.96	2.35	**2.04**	YES		
CO 5	2.41	0.96	1.39	2.34	**1.58**	YES		

Sample Course End Survey :



CO Feedback I-I CSE

1-AVERAGE , 2-GOOD , 3-EXCELLENT

This form is automatically collecting emails from all respondents. Change settings

ROLL NUMBER *

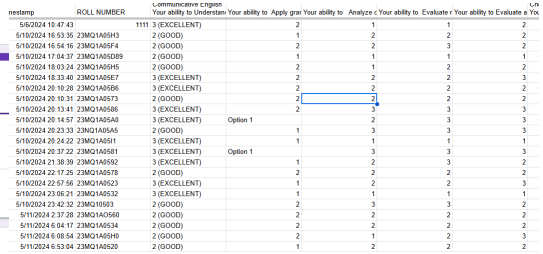
Short answer text

Communicative English *

Your ability to Understand the context, topic, and pieces of specific information from social or Transactional dialogues

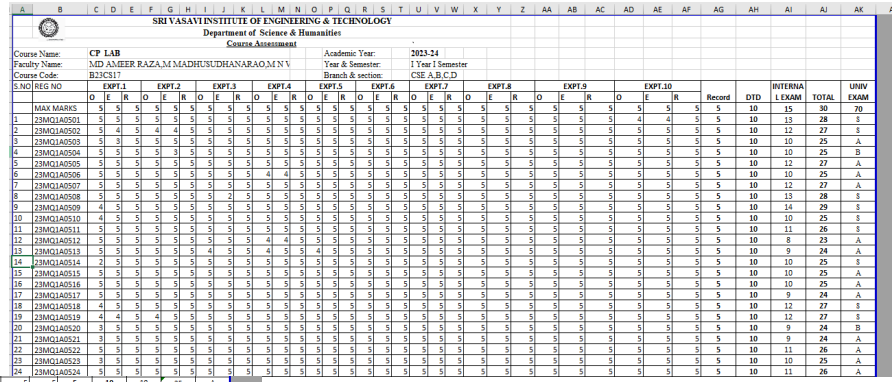
○ 3 (EXCELLENT)

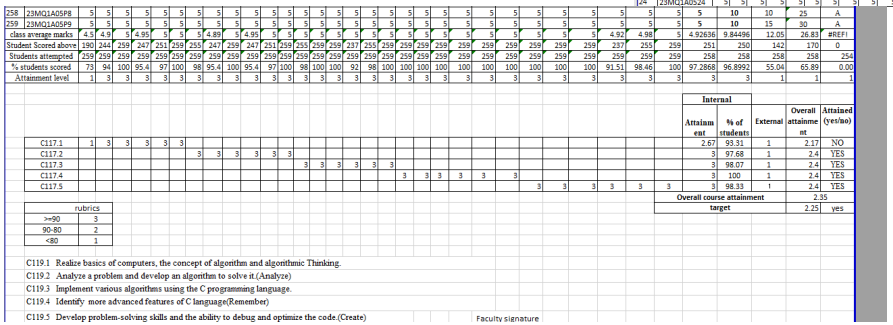
○ 2 (GOOD)



nestamp	ROLL NUMBER	Communicative English Your ability to Understan	Your ability to Apply grar	Your ability to Analyze c	Your ability to Evaluate r	Your ability to Evaluate a
5/6/2024 10:47:43	1111	3 (EXCELLENT)	2	1	1	2
5/10/2024 16:53:35	23MQ1A05H3	2 (GOOD)	1	2	2	2
5/10/2024 16:54:16	23MQ1A05F4	2 (GOOD)	2	2	3	2
5/10/2024 17:04:37	23MQ1A05D89	2 (GOOD)	1	1	1	1
5/10/2024 18:03:24	23MQ1A05H5	2 (GOOD)	2	1	2	2
5/10/2024 18:33:40	23MQ1A05E7	3 (EXCELLENT)	2	2	2	3
5/10/2024 20:10:28	23MQ1A05B6	3 (EXCELLENT)	2	2	2	2
5/10/2024 20:10:31	23MQ1A0573	2 (GOOD)	2	2	2	2
5/10/2024 20:13:41	23MQ1A0586	3 (EXCELLENT)	2	3	3	3
5/10/2024 20:14:57	23MQ1A05A0	3 (EXCELLENT)	Option 1	2	3	3
5/10/2024 20:23:33	23NQ1A05A5	2 (GOOD)	1	3	3	3
5/10/2024 20:24:22	23MQ1A05I1	3 (EXCELLENT)	1	1	1	1
5/10/2024 20:37:22	23MQ1A0581	3 (EXCELLENT)	Option 1	3	3	3
5/10/2024 21:38:39	23MQ1A0592	3 (EXCELLENT)	1	2	3	2
5/10/2024 22:17:25	23MQ1A0578	2 (GOOD)	2	2	2	2
5/10/2024 22:57:56	23MQ1A0523	3 (EXCELLENT)	1	2	2	3
5/10/2024 23:06:21	23MQ1A0532	3 (EXCELLENT)	1	1	1	1
5/10/2024 23:42:32	23MQ10503	2 (GOOD)	2	3	3	2
5/11/2024 2:37:28	23MQ1AO560	2 (GOOD)	2	2	2	2
5/11/2024 6:04:17	23MQ1A0534	2 (GOOD)	2	2	2	2
5/11/2024 6:08:54	23MQ1A05H0	2 (GOOD)	2	1	2	3
5/11/2024 6:53:04	23MQ1A0520	2 (GOOD)	1	2	2	2

Sample Attainment form for Lab related courses:





SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY
Department of Science & Humanities
Course Assessment

Course Name: CP LAB
Faculty Name: MD AMEER RAZA,M MADHUSUDHANARAO,M N V
Course Code: B23CS17
Academic Year: 2023-24
Year & Semester: I Year I Semester
Branch & section: CSE A,B,C,D

S.NO	REG NO	EXPT.1			EXPT.2			EXPT.3			EXPT.4			EXPT.5			EXPT.6			EXPT.7			EXPT.8			EXPT.9			EXPT.10			Record	DTD	INTERNAL EXAM	TOTAL	UNIV EXAM
		O	E	R	O	E	R	O	E	R	O	E	R	O	E	R	O	E	R	O	E	R	O	E	R	O	E	R	O	E	R					
	MAX MARKS	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	15	30	70
1	23MQ1A0501	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	5	5	10	13	28	S
2	23MQ1A0502	5	4	5	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	12	27	S
3	23MQ1A0503	5	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	25	A
4	23MQ1A0504	5	5	5	5	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	25	B
5	23MQ1A0505	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	12	27	A
6	23MQ1A0506	5	5	5	5	5	5	5	5	5	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	25	A
7	23MQ1A0507	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	12	27	A
8	23MQ1A0508	5	5	5	5	5	5	5	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	13	28	S
9	23MQ1A0509	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	14	29	S
10	23MQ1A0510	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	25	S
11	23MQ1A0511	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	11	26	S
12	23MQ1A0512	5	5	5	5	5	5	5	5	5	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	8	23	A
13	23MQ1A0513	5	5	5	5	5	5	4	5	5	4	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	9	24	A
14	23MQ1A0514	2	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	25	S
15	23MQ1A0515	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	25	A
16	23MQ1A0516	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	25	A
17	23MQ1A0517	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	9	24	A
18	23MQ1A0518	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	12	27	S
19	23MQ1A0519	4	4	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	12	27	S
20	23MQ1A0520	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	9	24	B
21	23MQ1A0521	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	9	24	A
22	23MQ1A0522	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	11	26	A
23	23MQ1A0523	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	25	A
24	23MQ1A0524	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	11	26	A
258	23MQ1A05P8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	10	25	A
259	23MQ1A05P9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	15	30	A
class average marks		4.5	4.9	5	4.95	5	5	5	4.89	5	4.95	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4.92	4.98	5	4.92636	9.84496	12.05	26.83	#REF!
Student Scored above		190	244	259	247	251	259	255	247	259	247	251	259	255	259	259	237	255	259	259	259	259	259	259	259	259	259	259	237	255	259	251	250	142	170	0
Students attempted		259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	259	258	258	258	258	254
% students scored		73	94	100	95.4	97	100	98	95.4	100	95.4	97	100	98	100	100	92	98	100	100	100	100	100	100	100	100	100	100	91.51	98.46	100	97.2868	96.8992	55.04	65.89	0.00
Attainment level		1	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1	1	1

																															Internal				
																															Attainment	% of students	External	Overall attainment	Attained (yes/no)
C117.1	1	3	3	3	3	3																									2.67	93.31	1	2.17	NO
C117.2							3	3	3	3	3	3																			3	97.68	1	2.4	YES
C117.3													3	3	3	3	3	3													3	98.07	1	2.4	YES
C117.4																			3	3	3	3	3	3							3	100	1	2.4	YES
C117.5																									3	3	3	3	3	3	3	98.33	1	2.4	YES
																															Overall course attainment			2.35	
																															target			2.25	yes

rubrics	
>=90	3
90-80	2
<80	1

C119.1 Realize basics of computers, the concept of algorithm and algorithmic Thinking.
C119.2 Analyze a problem and develop an algorithm to solve it.(Analyze)
C119.3 Implement various algorithms using the C programming language.
C119.4 Identify more advanced features of C language(Remember)
C119.5 Develop problem-solving skills and the ability to debug and optimize the code.(Create)

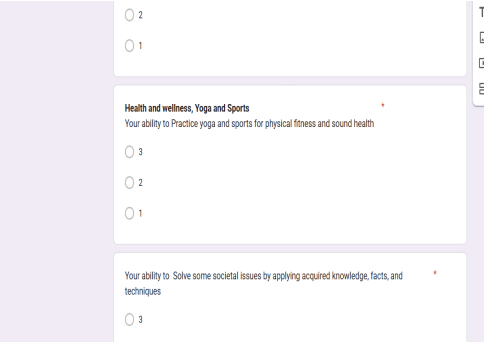
Faculty signature

Indirect Attainment for subjects

Tool used	Frequency of data collection	Responsible person	Assessment criterion	Rubric for Attainment Level	Weightage
CO Feedback	End of semester	Assessment committee coordinator	Average of entire class for each CO	Class Average on the scale of 1-3	100%

Overall course attainment = 0.8*Direct attainment+0.2*Indirect attainment.

Course End Survey (Lab):



B.Course outcomeAssessment for Laboratory courses

Assessment Methods	Weights		Final Course Outcome
Continuous Internal Examination	30%	80%	
Semester End Examination	70%		
Course End Survey	20%		

The attainment of course outcome is assessed through direct evaluations as follows:

The evaluation is done in two stages viz; continuous evaluation and end semester examination. The final marks awarded to a student are based on the following criteria.

- Continuous Evaluation (15marks)

  Internal Exam -5 marks

  Day to Day evaluation-5 marks

  Record -5 marks

- End Semester examination (35 marks)

Laboratories Direct method:

Tool used	Frequency of data collection	Responsible person	Assessment criterion	Rubric for Attainment Level	Weightage
Internal Examination (Day to Day Evaluation + Record+Exam)	Once in Semester. (Day to day Evaluation & Record-During each lab session)	Lab Coordinator	Students scored > class average mark	3: >=90 students 2: 80-90% students 1: 50-80% students 0:<50%	30%
University Examinations	Once in Semester	University appointed Examiner	Students scored > class average mark	3: >=90 students 2: 80-90% students 1: 50-80% students 0:<50%	70%

Indirect Method:

Tool used	Frequency of data collection	Responsible person	Assessment criterion	Rubric for Attainment Level	Weightage
Lab Feedback	End of semester	Assessment committee coordinator	Average of entire class for each CO	Class Average on the scale of 1-3	100%

Overall course attainment = 0.8*Direct attainment+0.2*Indirect attainment.

8.4.2 Record the attainment of Course Outcomes of all first year courses (5)

Institute Marks : 5.00

2023-2024

Course Direct Attainments

S.No	COURSE NAME	CO1	CO2	CO3	CO4	CO5	CO6	CO7	CO8	CO9	AVG
1	C111(ENG)	2.52	2.61	2.48	2.7	2.02					2.47
2	C112(CHEM)	2.53	2.53	2.37	1.9	1.8					2.23
3	C113(L&AC)	2.19	1.94	1.63	1.3	1.14					1.64
4	C114(BCME)	0.93	0.79	2.01	1	1.55	1.67	1.24	0.81	0.82	1.20
5	C115(IP)	2.58	2.53	2.7	2.75	2.66					2.64
6	C116(CHEMLAB)	2.4	2.4	2.4	2.4	2.4					2.40
7	C117(ELCS LAB)	3	3	3	3	3					3.00
8	C118(EWS LAB)	2.09	2.1	1.96	2.13	-	-				2.07
9	C119(CP LAB)	2.67	3	3	3	3					2.93
10	C11A(H&Y)	3	3	3	3	3					3.00
11	C121(EP)	1.15	1.85	1.73	1.32	1.76					1.56
12	C122(DEVC)	1.92	1.65	1.6	1.48	1.6					1.65
13	C123(BEEE)	2.25	2.45	2.24	2.45	2.05	2.25	2.52	2.4		2.32
14	C124(EG)	2.5	2.04	2.61	2.41	2.49					2.41
15	C125(ITWS)	2.67	3	3	3	3					2.93
16	C126(DS)	2.12	1.89	2.3	2.33	2.04					2.14
17	C127(EPLAB)	1.46	2.06	2.3	2.3	2.3					2.08
18	C128(DSLAB)	2.07	2.07	2.2	2.07	2.07					2.10
19	C129(EEEWS)	3	3	3	3	3					3.00
20	C12A(NSS)	3	3	3	3	3					3.00

2023-24

CO INDIRECT ATTAINMENTS

S.No	COURSE NAME	CO1	CO2	CO3	CO4	CO5	CO6	CO7	CO8	CO9	AVG
1	C111(ENG)	3	3	3	3	3					3
2	C112(CHEM)	3	3	3	3	3					3
3	C113(L&AC)	3	3	3	3	3					3
4	C114(BCME)	3	3	3	3	3	3	3	3	3	3
5	C115(IP)	3	3	3	3	3					3
6	C116(CHEMLAB)	3	3	3	3	3					3

7	C117(ELCS LAB)	3	3	3	3	3					3
8	C118(EWS LAB)	3	3	3	3	3					3
9	C119(CP LAB)	3	3	3	3	3					3
10	C11A(H&Y)	3	3	3	3	3					3
11	C121(EP)	3	3	3	3	3					3
12	C122(DEVC)	3	3	3	3	3					3
13	C123(BEEE)	3	3	3	3	3	3	3	3		3
14	C124(EG)	3	3	3	3	3					3
15	C125(ITWS)	3	3	3	3	3					3
16	C126(DS)	3	3	3	3	3					3
17	C127(EPLAB)	3	3	3	3	3					3
18	C128(DSLAB)	3	3	3	3	3					3
19	C129(EEEWS)	3	3	3	3	3					3
20	C12A(NSS)	3	3	3	3	3					3

Overall Course Attainments

2023-2024

S.NO	COURSE	Direct Attainment	Indirect Attainment	Overall Attainment	Target	Attained (Y/N)
1	C111(ENG)	2.47	3	2.58	1.8	Y
2	C112(CHEM)	2.23	3	2.38	1.8	Y
3	C113(L&AC)	1.64	3	1.91	1.8	Y
4	C114(BCME)	1.20	3	1.56	1.8	N
5	C115(IP)	2.64	3	2.71	1.8	Y
6	C116(CHEMLAB)	2.40	3	2.52	2.4	Y
7	C117(ELCS LAB)	3.00	3	3.00	2.4	Y
8	C118(EWS LAB)	2.07	3	2.26	2.4	Y
9	C119(CP LAB)	2.93	3	2.94	2.4	Y
10	C11A(H&Y)	3.00	3	3.00	2.4	Y
11	C121(EP)	1.56	3	1.85	1.8	Y
12	C122(DEVC)	1.65	3	1.92	1.8	N
13	C123(BEEE)	2.32	3	2.46	1.8	Y
14	C124(EG)	2.41	3	2.53	1.8	Y

15	C125(ITWS)	2.93	3	2.94	1.8	Y
16	C126(DS)	2.14	3	2.31	1.8	Y
17	C127(EPLAB)	2.08	3	2.26	2.4	Y
18	C128(DSLAB)	2.10	3	2.28	2.4	Y
19	C129(EEEWS)	3.00	3	3.00	2.4	Y
20	C12A(NSS)	3.00	3	3.00	2.4	N

8.5 Attainment of Program Outcomes from first year courses (20) Total Marks 20.00

8.5.1 Indicate results of evaluation of ezch relevant PO and/ or PSO, if applicable (15) Institute Marks : 15.00

POs Attainment:

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C111	PO1	PO2	PO3	PO4	PO5	PO6	PO7	2.3	2.67	2.3	PO11	3
C112	1.84	2.3	2.3	PO4	PO5	2.59	2.87	PO8	PO9	PO10	PO11	PO12
C113	3	1.15	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	1.15
C114	2.05	2.3	1.53	PO4	1.91	1.91	1.27	1.53	0.77	PO10	PO11	0.77
C115	2.48	2.79	3	2.48	PO5	PO6	PO7	PO8	PO9	PO10	PO11	2.48
C116	2.02	2.02	PO3	PO4	PO5	3	3	3	PO9	PO10	PO11	PO12
C117	PO1	PO2	PO3	PO4	PO5	PO6	PO7	2.67	2.67	2.67	PO11	3
C118	3	2.01	PO3	PO4	PO5	PO6	PO7	PO8	2.01	2.01	PO11	PO12
C119	3	2.67	1.34	2.67	3	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C11A	PO1	PO2	PO3	PO4	PO5	3	3	PO8	PO9	PO10	3	3
C121	2.56	1.83	PO3	1.21	1.83	PO6	PO7	PO8	1.83	PO10	PO11	PO12
C122	2.88	1.92	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	0.96
C123	3	3	2.42	PO4	3	3	2.01	2.42	1.21	PO10	PO11	1.21
C124	3	2.53	3	PO4	1.27	PO6	PO7	PO8	PO9	PO10	PO11	1.27
C125	3	PO2	2.65	2.65	PO5	2.65	PO7	PO8	3	3	PO11	PO12
C126	1.89	2.84	2.20	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C127	2.26	1.13	PO3	2.26	2.26	PO6	PO7	PO8	PO9	3	PO11	PO12
C128	2.09	2.35	2.78	2.09	PO5	PO6	PO7	PO8	PO9	PO10	PO11	2.09
C129	3	2.35	2.35	PO4	2.35	PO6	2.35	3	3	3	PO11	3
C12A	PO1	PO2	PO3	PO4	PO5	3	3	PO8	PO9	PO10	3	3

PO Attainment Level

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO Attainment	2.22	2.14	2.23	2.02	2.09	2.46	2.74	3	2.19	2.29	0	2.24
Direct Attainment	2.55	2.21	2.35	2.20	2.21	2.70	2.53	2.56	2.15	2.61	3	2.09

PSOs Attainment:

Course	PSO1	PSO2	PSO3
C111	PSO1	PSO2	PSO3
C112	PSO1	PSO2	PSO3
C113	PSO1	PSO2	PSO3
C114	PSO1	PSO2	PSO3
C115	3	2.52	3
C116	PSO1	PSO2	PSO3
C117	PSO1	PSO2	PSO3
C118	PSO1	PSO2	PSO3
C119	3	2.73	3
C11A	PSO1	PSO2	PSO3
C121	PSO1	PSO2	PSO3
C122	PSO1	PSO2	PSO3
C123	PSO1	PSO2	PSO3
C124	PSO1	PSO2	PSO3
C125	PSO1	PSO2	PSO3
C126	3	PSO2	PSO3
C127	PSO1	PSO2	PSO3
C128	3	2.12	3
C129	PSO1	PSO2	PSO3
C12A	PSO1	PSO2	PSO3
PSO Attainment	3	2.46	3

PSO Attainment Level

Course	PSO1	PSO2	PSO3
Direct Attainment	3	2.46	3

8.5.2 Actions taken based on the results of evaluation of relevant POs (5)

Institute Marks : 5.00

POs Attainment Levels and Actions for Improvement- (2023-24)

POs	Target Level	Attainment Level	Observations
PO 1 : Engineering Knowledge			
PO 1	2.10	2.55	Target level attained
1.Bridge Course was conducted before the commencement of first year to enhance the prerequisite knowledge in engineering. 2.Conducted problem oriented Tutorial classes 3. Remedial classes for weak students 4.Organized practical classes to improve understanding Basic Sciences			
PO 2 : Problem Analysis			
PO 2	2.10	2.21	Target level attained
1.Conducted Tutorial sessions to solve Engineering problems 2.Increase the problem solving capacities by giving practice on Mathematics and Physics. 3.To motivate the students to use library and internet for problem analysis. 4.Motivate the students for doing online certificate courses.			
PO 3 : Design/development of Solutions			
PO 3	2.10	2.35	Target level attained
1. To organize various Engineering fests to make students aware about new designs 2. To organize cultural events to make the students aware about cultural and social importance 3.Plan to conduct workshop on advanced technologies.			
PO 4 : Conduct Investigations of Complex Problems			
PO 4	2.10	2.20	Target level attained
1.Assigned some Extra problems to students and ask them to solve in Tutorial and lab sessions to facilitate deep understanding of subject 2.Encourage to participate in seminars and give presentations 3.Motivate the students to participate in workshops.			
PO 5 : Modern Tool Usage			
PO 5	2.10	2.21	Target level attained
1. Students are encouraged to use design thinking approach for providing alternate solutions to selected Engineering problems 2. Planned to conduct workshops to improve modern tool usage capacities.			
PO 6 : The Engineer and Society			
PO 6	2.10	2.7	Target level attained
1.Expert sessions on professional Ethics 2.Expert sessions on Duties and responsibilities of Engineer's in the Society 3.To motivate the students to enroll in the community services unit like NSS.			
PO 7 : Environment and Sustainability			
PO 7	2.10	2.53	Target level attained
1.Conducted social service activities as a part of NSS 2.Conducted sessions on sustainable Engineering 3.Conduct of the AP State student convention.			
PO 8 : Ethics			
PO 8	2.10	2.56	Target level attained
1. Students are motivated and made aware about the demands of Engineering profession and importance of Honest and Ethics 2.To train the students on communication skill so that they can convey their ideas which will be helpful to society. 3.Educate the students about the importance of maintaining ethics.			
PO 9 : Individual and Team Work			
PO 9	2.10	2.15	Target level attained
1.Conducted team based social service activities 2.Students are Encouraged to participate in group activities as member or leader. 3.Innovative Teaching Learning Methodologies like Think-Pair-Share, Team assignments were implemented to nurture the teamwork of students in multidisciplinary domains.			

PO 10 : Communication

PO 10	2.10	2.61	Target level attained
1.Expert Lecture in communication Skills 2.Sessions in language lab 3.It is proposed to increase the target level in the next academic year. 4.Soft skill training programs were provided for the improvement of communication and presentation skills.			

PO 11 : Project Management and Finance

PO 11	2.1	3	Target level attained
1.Class on Engineering Ethics to be followed 2.In Technical management Responsibility given to students in various technical events			

PO 12 : Life-long Learning

PO 12	2.10	2.09	Target level not attained
1.Team based problem solving in laboratory sessions. 2.Students will be encouraged to register and complete online courses from Coursera, Edx, Udemy and NPTEL.			

PSOs Attainment Levels and Actions for Improvement- (2023-24)

PSOs	Target Level	Attainment Level	Observations
PSO 1 : Engineering Fundamentals: The ability to develop computer programs in the areas related to Algorithms, Multimedia, Web design, Big Data Analytics, and IoT to deliver a quality product for society needs.			
PSO 1	2.10	3	Target level not attained
1.Planning to conduct online Guest Lecture 2.Remedial classes to build confidence in writing programs			
PSO 2 : Career Development: The ability to excel in Computer Science and Engineering program through quality education, communication skills and ethics which enables them to succeed in computing industry profession.			
PSO 2	2.10	2.46	Target level attained
1.Conducted sessions on carrier development			
PSO 3 : Problem Solving Skills: The ability to apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success.			
PSO 3	2.10	3	Target level attained
1.Expert sessions on problem solving skills to professional approach			

9 STUDENT SUPPORT SYSTEMS (50) Total Marks 50.00

9.1 Mentoring system to help at individual level (5) Total Marks 5.00

Institute Marks : 5.00

A. Details of the mentoring system that has been developed for the students for various purposes and also state the efficacy of such system (5)

Mentoring system to help at individual level:

Counseling is an important part of all educational institutions. In this practice students and staff can resolve outstanding negative situations and improve upon positive aspects. Student mentoring is an integral part of the organization. A mentor is the teacher who shares his knowledge and experiences while bringing the students (mentees) up the ranks. The system of mentoring is followed in every department with the primary objective of providing reliable and constant support to the mentees in order to excel in both personal and professional life.

Objectives of the Mentoring System

- To help students understand the challenges and opportunities present in the institute and develop a smooth transition
- To counsel the students on how to cope with academic, non-academic, and personal problems
- To provide positive role models to undergraduate students of the Institute
- To proactively identify problems with the students and bring them to the attention of the authorities concerned.

Figure 9.1.1 Levels in mentoring system

Benefits of the Mentoring System

- It support mentees advancement in research activity, conference presentations, publications, and pedagogical skills.
- Mentoring provides resources for dealing with stressful or difficult periods in their graduate careers.
- Mentors, with their experiences and networks, help improve the students "prospects of securing professional placement.
- Mentoring can help the students lower their stress and build confidence.
- Constant interaction with a mentor will promote students" engagement in the field through active participation.

Types of Mentoring Professional Guidance

The departments are well equipped with knowledgeable human resources in the form of faculty members who, by keeping themselves abreast of the latest developments, offer guidance to prospective professionals in addition to classroom teaching. The industry-institute partnership cell and the entrepreneurship development cell have been putting efforts in this direction.

Career Advancement

The Training and Placement Cell has been active not only in arranging campus recruitment drives but also in offering awareness and training for the students.

Coursework

The mentor and members of the faculty handling different courses interact with students to clarify all their doubts in their respective courses.

Lab-Specific

Each of the lab sessions is handled by two teachers in order to have special care for the students while the experiments are being handled. A demonstrative presentation is given by the teacher concerned before every experiment. The laboratory records are evaluated after the experiment is held. In other words, there is active involvement of the members of the faculty at the pre-experiment stage, at the time of the experiment, and after the experiment.

List of Mentor-Mentee :: (AY-2023-2024)

S.No	Name Of The Mentor	Year	Regd No		Student Count
			From	To	

1	K V G M SREERAM	II	23MQ1A0101	23MQ1A0103	3
		II	24MQ5A0101	24MQ5A0112	12
2	J VENKATESH	II	24MQ5A0113	24MQ5A0123	10
		III	23MQ5A0101	23MQ5A0104,106	5
3	V BALA KRISHNA	IV	21MQ1A0101	21MQ1A0104	4
		IV	22MQ5A0101	22MQ5A0106, 21MQ5A0110	7
4	T.DURGA PRASAD	II	23MQ1A0301-303,	24MQ5A0301-308	11
5	CH.ANUSHA	II	24MQ5A0309	24MQ5A0319	11
6	K.SUKUMAR	II	24MQ5A0320	24MQ5A0330	11
7	V.RAVI	II	24MQ5A0331	24MQ5A0341	11
8	Dr.MD. ABID ALI	II	24MQ5A0342	24MQ5A0352	11
9	D.KHYATHIMAI	III	23MQ5A0301	23MQ5A0304	4
10	V.SATISH KUMAR	III	23MQ5A0305	23MQ5A0308	4
11	D.KHYATHIMAI	III	23MQ5A0301	23MQ5A0304	4
12	V.SATISH KUMAR	III	23MQ5A0305	23MQ5A0308	4
13	D.KIRAN BABU	IV	21MQ1A0301-305, 22MQ5A0301	22MQ5A0304	9
14	Dr. D .RAJA RAMESH	IV	22MQ5A0305	22MQ5A0313	9
15	K.LAKSHMI PRIYA	IV	22MQ5A0314	22MQ5A0320, 21MQ5A0329	9
16	Dr.Sk.Zelani	II	23MQ1A0401	23MQ1A0415	15
17	Dr R.Sambasiva Nayak	II	23MQ1A0416	23MQ1A0430	15
18	Ms.R Tulasi	II	23MQ1A0432	23MQ1A0446	15
19	Dr.Murali Babu	II	23MQ1A0447	23MQ1A0461	15
20	Mr.K.P.R.R.Raju	II	23MQ1A0462	23MQ1A0478	16
21	Mr.K.G.V Nageswaarao	II	23MQ1A0479	23MQ1A0495	16
22	Mrs.Karuna Gone	II	23MQ1A0496	23MQ1A04B1	16
23	Mrs.J.S Deepika	II	23MQ1A04B2	23MQ1A04C4 &24MQ5A0401-24MQ5A0403	16
24	Mrs. G.N.P Jyothi	II	24MQ5A0404	24MQ5A0420	17
25	Mr.Y.R.K Paramahamsa	III	22MQ1A0401	22MQ1A0417	17
26	Mrs.P.Jyothi	III	22MQ1A0418	22MQ1A0434	17
27	Mrs.S.Rajeswari	III	22MQ1A0435 & 223C1A0404	22MQ1A0450	17
28	Mrs.B.Sujatha	III	22MQ1A0451	22MQ1A0468	17
29	Mr.D.Sridhar	III	22MQ1A0469	22MQ1A0485	17
30	Mrs.K.Mounika	III	22MQ1A0486 & 23MQ5A0401	23MQ5A0417	17
31	Mrs.K.Sowmya Sree	III	23MQ5A0418	23MQ5A0434	17
32	Mrs.J.N Sri Lakshmi	IV	21MQ1A0404 & 21MQ1A0419	21MQ1A0418 & 21MQ1A0429	19
33	Mohammed Ahmed	II	22MQ1A0501	22MQ1A0518	18
34	A.Annapurna	II	22MQ1A0519	22MQ1A0536	18
35	D.Aruna	II	22MQ1A0537	22MQ1A0555	19
36	R.Venkateswara Rao	II	22MQ1A05H1	22MQ1A05H5&23MQ5A0501to 508	13
37	A.Pavan Kumar	II	22MQ1A0556	22MQ1A0574	18

38	Ch .Prabhavathi	II	22MQ1A0575	22MQ1A0592	18
39	M.Madhusudhana Rao	II	22MQ1A0593	22MQ1A05B1	18
40	M.Naresh Babu	II	22MQ1A05B2,5B3	23MQ5A0509to 516	10
41	N.Anil Kumar	II	22MQ1A05B4	22MQ1A05D1	18
42	G.Nancharaiah	II	22MQ1A05D2	22MQ1A05F0	18
43	Ch Mary	II	22MQ1A05F1	22MQ1A05G8	18
44	Md.Ameer Raza	II	22MQ1A05G9	22MQ1A05H7&23MQ5A0517-524	12
45	V.M.R.Krishna Rao	III	21MQ1A0501	21MQ1A0518	18
46	K.Chiranjeevi	III	21MQ1A0519	21MQ1A0536	18
47	V.Ganesh Dutt	III	21MQ1A0537	21MQ1A0554	18
48	K.Divya	III	21MQ1A0555	21MQ1A0567	18
49	M.Naga Vamsi	III	21MQ1A0568	21MQ1A0585	18
50	Sheik Ahmed Mohiddin	III	21MQ1A0586	21MQ1A05A3	18
51	Ch.Swathi	III	21MQ1A05A4	21MQ1A05C0	17
52	MD.Shamsheer	III	22MQ5A0501	22MQ5A0520	20
53	P.Ashok Kumar	IV	20MQ1A0501	20MQ1A0514	14
54	B.Indra Devi	IV	20MQ1A0515	20MQ1A0528	14
55	K.Venkateswara Rao	IV	20MQ1A0529	20MQ1A0547	14
56	Ch.Siva Ramamohan Rao	IV	20MQ1A0548	20MQ1A0554, 21MQ5A0501-510 & 20JM1A0503	18
57	T.Veena	IV	20MQ1A0555	20MQ1A0568	14
58	M.Prasanthi	IV	20MQ1A0569	20MQ1A0582	14
59	V.P.S.Vinaya Kumar	IV	20MQ1A0583	20MQ1A05A0	14
60	K.Anusha	IV	20MQ1A05A1	20MQ1A05A7&21MQ5A0511-521	14
61	P.Rambabu	I	23MQ1A0101	23MQ1A0103	20
			23MQ1A0401	23MQ1A0417	
62	Dr G Tejaswi	I	23MQ1A0418	23MQ1A0437	20
63	Dr.R. Ravi	I	23MQ1A0438	23MQ1A0457	20
64	P.Purnima	I	23MQ1A0458	23MQ1A0474	20
65	Y.V.R.D.N.Sarath Babu	I	23MQ1A0475	23MQ1A0494	20
66	K V V N Bhaskar	I	23MQ1A0495	23MQ1A04A9	15
67	B.Srinivasarao	I	23MQ1A04B0	23MQ1A04C4	15
68	G.Manasa	I	23MQ1A0501	23MQ1A0520	20
69	K.Murali Mohan	I	23MQ1A0521	23MQ1A0540	20
70	Dr.Ch.Sesha Sailaja	I	23MQ1A0541	23MQ1A0560	20
71	K. Ravi	I	23MQ1A0561	23MQ1A0580	20
72	M.L.L.Phanikanth	I	23MQ1A0581	23MQ1A05A0	20
73	SK.Hidayatullah	I	23MQ1A05A1	23MQ1A05C0	20
74	N.H.N.Bhavani	I	23MQ1A05C1	23MQ1A05E0	20
75	B.Tandava Krishna	I	23MQ1A05E1	23MQ1A05G0	20
76	D.Lakshmi	I	23MQ1A05G1	23MQ1A05I0	20
77	Sajida Sultana Shaik	I	23MQ1A05I1	23MQ1A05K0	20
78	N.Vinay Kumar	I	23MQ1A05K1	23MQ1A05M0	20
79	V.Tejaswi	I	23MQ1A05M1	23MQ1A05O0	20
80	V. Sai Mounika	I	23MQ1A05O1	23MQ1A05P9	20
81	K. Nagamani	I	23MQ1A4201	23MQ1A4220	20
82	Dr. Ch.Sri Santhi	I	23MQ1A4221	23MQ1A4240	20
83	Dr.A.V.Raghuram	I	23MQ1A4241	23MQ1A4255	15

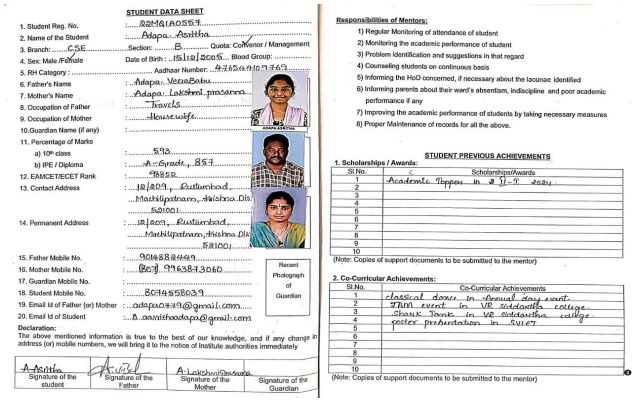
84	D.Supriya	I	23MQ1A4256	23MQ1A4266	11
85	P. Srikanth	II	22MQ1A4201 To	22MQ1A4220	20
86	K.V.V.N. Bhaskar	II	22MQ1A4221 To	22MQ1A4240	20
87	P Hemanth Kumar	II	22MQ1A4241 To	22MQ1A4254 & 23MQ5A4201, 02	16
88	G. Tejaswi	III	21MQ1A4201 To	21MQ1A4220	20
89	Ch. Gri Phani Kumar	III	21MQ1A4221 To	21MQ1A4240	20
90	K.Keerthi	III	21MQ1A4241 To	21MQ1A4259	20
91	P. Vijaya Kanth	IV	20MQ1A4201 To	20MQ1A4220	20
92	T R N Aravind	IV	20MQ1A4221 To	20MQ1A4240	20
93	N V Bodhan Kumar	IV	20MQ1A4241 To	20MQ1A4260	20
94	M Sruthi Madhuri	III,IV	22MQ5A4202	21MQ5A4201 To 4206	11

Mentor’s Roles and Responsibilities:

1. Mentors serve as positive role models, encouraging and motivating students to achieve their target or goal.
2. Motivateandguidethestudentsinallacademic,co-curricular,andextra-curricular activities.
3. Mentors maintain records of mentees.
4. Collectinformationregardingweakstudentsfromthesubjectteachersonthebasisoftheir previous results, various other skills, having less attentiveness, etc.
5. The record of counseling and mentoring is maintained in a file or book, which is updated on a regular basis.
6. Mentors submit a report to the HOD, and after approval by the Principal remedial actions are sought for improvement.
7. Monitors the students "readiness for a personal interview , group discussion ,technical and non- technical support (including resume making, dressing sense, skills, etc.)
8. Encourages and motivates the students to attend all the classes,expert lectures,and other technical sessions for better performance in examinations, contests, and placement.

Mentoring Process

- Students are assigned to a counselor or mentor whose role is to be a point of contact for advice and guidance.
- Mentors will listen, advise, and refer mentees to higher authorities if necessary.
- It provides reflection and support for the students" academic development while they are doing their course. It promotes other activities and experiments related to the career and personal development of students.
- Provides guidance on career development.
- Helps the students to settle down in their respective courses.
- Students requiring additional help are identified, and their progress is monitored regularly.
- In the mentoring system, a proctor diary is maintained for each student, where the following details are provided:
- Personal Information
- Previous Record
- Academic Performance in Competitive Examinations
- Details of Internship and Industrial Training Scholarships Received
- Co-curricular and extra-curricular activities
- The mentors meet the students periodically and monitor their performance and activities.Guidance regarding the lagging issues is provided.Occasionally,a proctor meeting is conducted with the parents based on the requirement



STUDENT DATA SHEET

1. Student Reg. No. : 22MQ1A05S9
2. Name of the Student : Adapa. Aswitha
3. Branch: CSE Section: B Quota: Convenor / Management
4. Sex: Male /Female Date of Birth : 15/12/2005 Blood Group:
5. RH Category : Aadhaar Number: 476540107762
6. Father's Name : Adapa. Venkatbabu
7. Mother's Name : Adapa. Lakshmi prasanna
8. Occupation of Father : Travels
9. Occupation of Mother : Housewife
10.Guardian Name (if any) :
11. Percentage of Marks
a) 10th class : 595
b) IPE / Diploma : A-Grade, 857
12. EAMCET/ECET Rank : 79858
13. Contact Address : 18/203, Elururoad, Machilipatnam, Krishna Dt, 521001.
14. Permanent Address : 18/203, Elururoad, Machilipatnam, Krishna Dt, 521001.
15. Father Mobile No. : 9014884449
16. Mother Mobile No. : (Bot) 9963843060
17. Guardian Mobile No. :
18. Student Mobile No. : 8074558039
19. Email Id of Father (or) Mother : adapa439@gmail.com
20. Email Id of Student : a.aswithaadapa@gmail.com

Recent Photograph of Guardian

Declaration:
The above mentioned information is true to the best of our knowledge, and if any change in address (or) mobile numbers, we will bring it to the notice of Institute authorities immediately

A.Aswitha (Signature of the student) | (Signature of the Father) | A.Lakshmiprasanna (Signature of the Mother) | (Signature of the Guardian)

Responsibilities of Mentors:

1) Regular Monitoring of attendance of student
2) Monitoring the academic performance of student
3) Problem identification and suggestions in that regard
4) Counseling students on continuous basis
5) Informing the HoD concerned, if necessary about the lacunae identified
6) Informing parents about their ward's absentism, indiscipline and poor academic performance if any
7) Improving the academic performance of students by taking necessary measures
8) Proper Maintenance of records for all the above.

STUDENT PREVIOUS ACHIEVEMENTS

1. Scholarships / Awards:

Sl.No.	Scholarships/Awards
1	Academic Topper in 2 Yr & 3rd year
2	
3	
4	
5	
6	
7	
8	
9	
10	

(Note: Copies of support documents to be submitted to the mentor)

2. Co-Curricular Achievements:

Sl.No.	Co-Curricular Achievements
1	classical dance in Annual day event.
2	Team event in VR siddhartha college.
3	Shark Tank in VR siddhartha college
4	poster presentation in SWOC
5	
6	
7	
8	
9	
10	

(Note: Copies of support documents to be submitted to the mentor)

Figure 9.1.2: Sample Mentoring Process of a student

Impact of the Mentor Teaching-Learning System

- Reduction in absenteeism.
- Improvement in overall performance.
- Improvement in personality.
- Increased participation in co-curricular activities.
- Improvement in behavior and attitudes
- Improved interpersonal relationships with elders and peers.
- Becoming a responsible citizen
- Improvement in the performance of weak students.
- Increased campus selection ratio.
- Receiving awards and recognition

9.2 Feedback analysis and reward /corrective measures taken, if any (10) Total Marks 10.00

Institute Marks : 10.00

A. Methodology being followed for analysis of feedback and its effectiveness (5)

B. Record of corrective measures taken (5)

Feedback analysis and reward or corrective measures taken ,if any

- Feedback was collected for all courses: YES
- Feedback collection process: Online-ECAP (Engineering College Automation Package) software.
- Eligibility of the percentage of students to give feedback: 100%

Introduction

The teaching-learning system followed by any educational institution needs continuous refinement. To facilitate this process of continuous refinement, the institution has adopted a feedback system that takes suggestions from students in each program. This eventually helps to fine-tune the teaching-learning process and the curriculum. The institution follows a well-defined and formal Feedback system. The feedback system has been identified as one of the important processes in our quality management system.

Specify the feedback collection process.

- Collecting feedback for all the courses/faculty that are being taught, twice in a semester through the ECAP software.
- The students "feedback collection process is described in the flow chart in the figure 9.2.1.
- Once the feedback collection process is completed ,the reports are generated automatically.
- The consolidated report containing feedback percentage for each faculty is sent to the respective heads of the departments, and the information is circulated to the faculty of the department for necessary action.

Process Steps for Students Feedback

Step 1:Enter the E-Cap URL:http://103.208.229.211/newecap/Default.aspx

Step 2: Login with your ID and password.

Step 3: Click on Academics.

Step 4: Select the feedback system option.

Step 5: Select the staff feedback system option.

Step 6: After selecting the staff feedback, select any one of the levels corresponding to each parameter for particular subjects.

Step7: RepeatStep6for all current semester courses.

Step8: After the completion of all current semester courses, save the details.

Step 9: Logout.

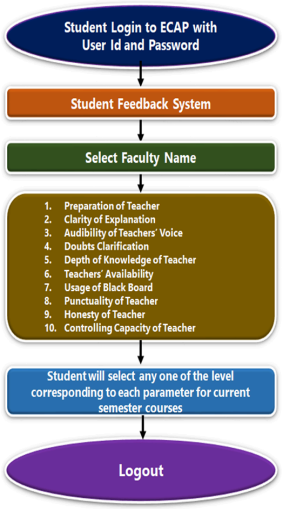


Figure 9.2.1: A Flow Chart for Student Feedback Processing Steps in ECAP (Online)

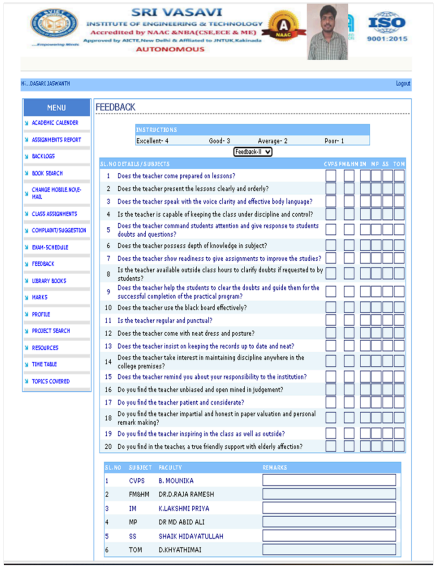
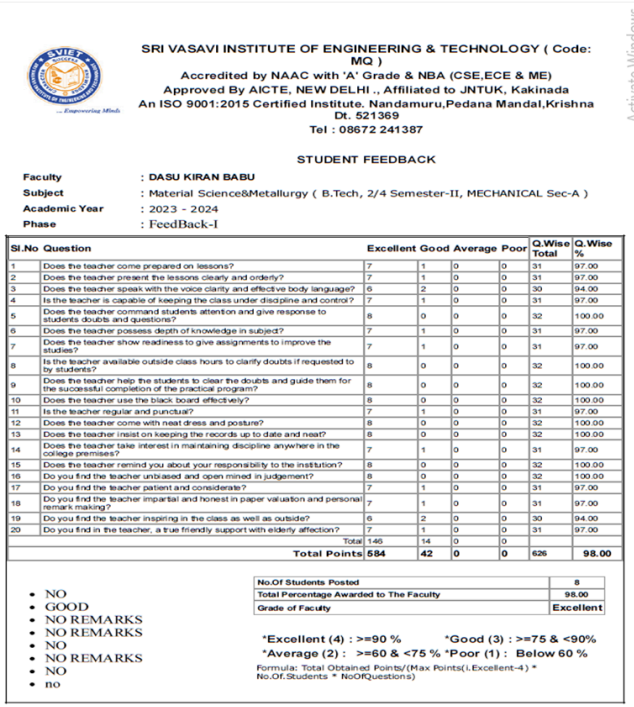


Figure 9.2.2: Format of Student Feedback on Faculty

Specify the feedback analysis process.

- The feedback analysis is done manually.
- The feedback collected from students is first analyzed at the level of the HOD and then at the level of the principal.
- The contents of the feedback will be shared personally with each faculty member based on the parameters in the questionnaire and their metrics of measurement in the given format.
- Based on the separate parameters, the feedback given by the faculty is taken from the students and the average is calculated.
- The faculty member who gets less than 75% average in the feedback is identified by the HoD, and he or she will be asked to submit an explanation to him.



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An ISO 9001:2015 Certified Institute. Nandamuru,Pedana Mandal,Krishna Dt. 521369
Tel : 08672 241387

STUDENT FEEDBACK

Faculty : DASU KIRAN BABU
Subject : Material Science&Metallurgy (B.Tech, 2/4 Semester-II, MECHANICAL Sec-A)
Academic Year : 2023 - 2024
Phase : FeedBack-I

Sl.No	Question	Excellent	Good	Average	Poor	Q.Wise Total	Q.Wise %
1	Does the teacher come prepared on lessons?	7	1	0	0	31	97.00
2	Does the teacher present the lessons clearly and orderly?	7	1	0	0	31	97.00
3	Does the teacher speak with the voice clarity and effective body language?	6	2	0	0	30	94.00
4	Is the teacher is capable of keeping the class under discipline and control?	7	1	0	0	31	97.00
5	Does the teacher command students attention and give response to students doubts and questions?	8	0	0	0	32	100.00
6	Does the teacher possess depth of knowledge in subject?	7	1	0	0	31	97.00
7	Does the teacher show readiness to give assignments to improve the studies?	7	1	0	0	31	97.00
8	Is the teacher available outside class hours to clarify doubts if requested to by students?	8	0	0	0	32	100.00
9	Does the teacher help the students to clear the doubts and guide them for the successful completion of the practical program?	8	0	0	0	32	100.00
10	Does the teacher use the black board effectively?	8	0	0	0	32	100.00
11	Is the teacher regular and punctual?	7	1	0	0	31	97.00
12	Does the teacher come with neat dress and posture?	8	0	0	0	32	100.00
13	Does the teacher insist on keeping the records up to date and neat?	8	0	0	0	32	100.00
14	Does the teacher take interest in maintaining discipline anywhere in the college premises?	7	1	0	0	31	97.00
15	Does the teacher remind you about your responsibility to the institution?	8	0	0	0	32	100.00
16	Do you find the teacher unbiased and open mined in judgement?	8	0	0	0	32	100.00
17	Do you find the teacher patient and considerate?	7	1	0	0	31	97.00
18	Do you find the teacher impartial and honest in paper valuation and personal remark making?	7	1	0	0	31	97.00
19	Do you find the teacher inspiring in the class as well as outside?	6	2	0	0	30	94.00
20	Do you find in the teacher, a true friendly support with elderly affection?	7	1	0	0	31	97.00
	Total	146	14	0	0		
	Total Points	**584**	**42**	**0**	**0**	626	**98.00**

- NO
- GOOD
- NO REMARKS
- NO REMARKS
- NO
- NO REMARKS
- NO
- no

No.Of Students Posted	8
Total Percentage Awarded to The Faculty	98.00
Grade of Faculty	Excellent

*Excellent (4) : >=90 % *Good (3) : >=75 & <90%
*Average (2) : >=60 & <75 % *Poor (1) : Below 60 %
Formula: Total Obtained Points/(Max Points(i.Excellent-4) * No.Of.Students * NoOfQuestions)

S. No	Name of the Faculty	Designation	Sem-1 Phase(1)	Sem-1 Phase(2)	Sem-2 Phase(1)	Sem-1	Sem-2	A.Y. Final Feed back
1	Dr.D.Raja Ramesh	Professor	96	100	99	98	99	98.5
2	Mr.K.Sukumar	Assistant Professor	75	77	77	76	77	76.5
3	Mr.Ch.Anusha	Assistant Professor	77	75	73	76	73	74.5
4	Mr.D.Khyathimai	Assistant Professor	69	72	76	72	76	74
5	Mr.D.Kiran Babu	Assistant Professor	96	100	98	98	98	98
6	Mr.V.Ravi	Assistant Professor	86	72	79	76	79	77.5
7	Mr.T.Durga Prasad	Assistant Professor	97	99	98	97	98	97.5

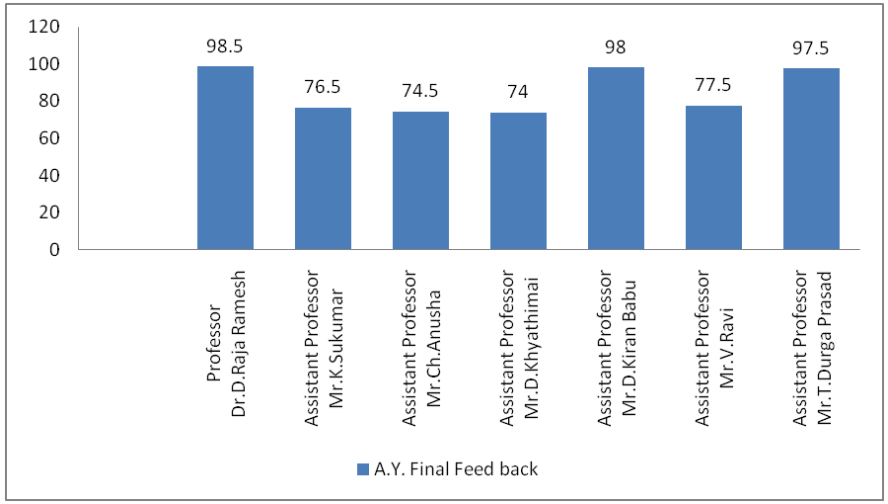


Figure 9.2.4: Faculty Feedback analysis for the academic year 2023-24

Feedback on faculty analysis and action taken for the Academic Year 2023-24

Table 9.2.1: Feedback on faculty analysis and action taken for the Academic Year2023-24

S.No	Feedback	Name of the staff member	Action taken
1	Performance below par	Mr. Ch. Anusha	Motivated to undergo NPTEL courses And suggested to attend FDPs also
2	Performance below par	Mr. D. Khyathimai	Motivated to undergo NPTEL courses And suggested to attend FDPs also
3	Best Performance	Dr. D.Raja Ramesh	Provided with Appreciation certificate And Recommended for Incentive
4	Best Performance	Mr. K.Sukumar	Provided with Appreciation certificate And Recommended for Incentive

Table 9.2.2: Corrective measures for the assessment period

No of faculty members counseled for below average performance	No. of corrective actions in last 3 years		
	2022-23	2023-24	2024-25
	4	2	3

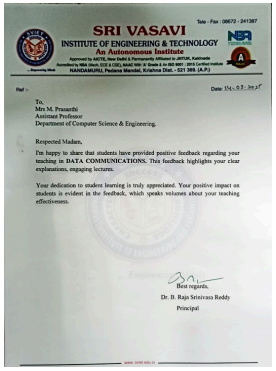
Basis of Reward

- The feedback system works as an eye-opener for the faculty members.
- The increments and promotions are given based on a scale of 4 for student feedback in the faculty appraisal form.
- Those with low scores will be counseled and asked to improve their performance in the subsequent semesters by taking help from senior and experienced teachers or attending pedagogical training or other faculty development programs as per necessity.

- The faculty members are constantly motivated by giving a word of appreciation in the departmental meetings.

Corrective Measures

1. Normally, the feedback of the students is used to improve the performance of the faculty members.
2. Regular training programmers' in collaboration with NITTTR and FDPs by experts from industry and academia are organized every year to train the faculty members in teaching methodologies and e teaching-learning process.
3. Apart from this, the faculty members are encouraged to attend various faculty development programmes (FDPs) seminars and workshops to hone their skills.
4. If needed, explanation from the faculty will be demanded for any inappropriate result, and subsequent action will be taken to improve the performance of the faculty member.
5. Counseling will be given to the faculty concerned by the HOD and principal whenever required.


SRI VASAVI
INSTITUTE OF ENGINEERING & TECHNOLOGY
An Autonomous Institute

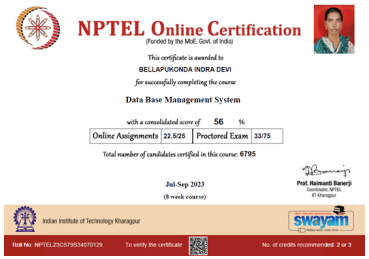
To,
Mrs M. Prasanthi
Assistant Professor
Department of Computer Science & Engineering.

Respected Madam,

I'm happy to share that students have provided positive feedback regarding your teaching in DATA COMMUNICATIONS. This feedback highlights your clear explanations, engaging lectures.

Your dedication to student learning is truly appreciated. Your positive impact on students is evident in the feedback, which speaks volumes about your teaching effectiveness.

Best regards,
Dr. B. Raja Srinivas Reddy
Principal


NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
BELLAPUKONDA INDRA DEVI
for successfully completing the course
Data Base Management System
with a consolidated score of 56 %
Online Assignments 22.5/25 | Proctored Exam 33/75
Total number of candidates certified in this course: 6795
Jul-Sep 2023
(8 week course)
Prof. Huimanti Banerji
Coordinator, NPTEL
IIT Kharagpur
Indian Institute of Technology Kharagpur
swayam
Roll No: NPTEL23CS79S3407012 9 To verify the certificate No. of credits recommended: 2 or 3

Fig :9.2.5 Appreciation Corrective Measures

9.3 Feedback on facilities (5) Total Marks 5.00

Institute Marks : 5.00

A. Feedback collection, analysis and corrective action (5)

Feedback on facilities

- The aim of the college is to provide the best facilities for the students.
- Student's feedback on facilities is collected from the students through online.
- Feedback is collected from all the student twice in an academic year.
- The students do not disclose their identities while giving feedback.

The feedback is collected in the following fields:

Infrastructure: classrooms, laboratories, and Internet facilities. In interactions with HoD and class teachers held three times a semester, students provide feedback on any issues related to classrooms, lab equipment, etc., which is passed on to the authorities concerned and rectified.

Library: Library committee meetings are held three times a semester, where faculty and students provide feedback on the adequacy of titles and volumes of books and e-learning facilities. Appropriate corrective actions are taken to rectify deficiencies whenever they are pointed out.

Housekeeping: Students and faculty provide feedback on various aspects of housekeeping at class committee meetings and other occasions like department meetings and HOD meetings, which is passed on to the maintenance department and problems are sorted out.

Transport: Any issues related to the adequacy and punctuality of buses that are brought forth by students or faculties are passed on to the transport department, and corrections are made.

Hostel: Hostel committee meetings are held at department level where hostellers raise problems, if any, related to hostels. Also, HoDs and teaching and non-teaching staff visit hostels on a daily basis and provide feedback on the food and other maintenance-related issues, if any. These are brought to the attention of the wardens and maintenance department and rectified immediately. Anti-ragging squads consisting of teaching staff visit all hostels every evening and interact with students to inform themselves of any issues. If any complaints are received, they are immediately addressed.

Others: Any grievances related to food, bank facilities, medical facilities, etc., when reported to the faculty, dean, or principal, is solved immediately. In addition, feedback is collected from students and alumni during alumni meetings and annual general body meetings on all the above areas. Feedback analysis is done, and corrective actions are taken. Feedback is collected from the parents during admissions to know their expectations. Feedback is also taken from the industry. Based on their feedback, bridge courses and value-added courses are arranged to bridge the gap between curriculum and industry. Also, MOUs are signed, and guest lectures, seminars, workshops, and industrial visits are arranged for the students.

From the collection of students" feedback, the following analysis is made, and necessary corrective and improvement actions are taken:Following is the process of providing feedback on facilities.

- Feedback Collection Process
- Feedback Analysis
- Corrective Measures

Feedback Collection Process

Steps in the online feedback collection process from students and faculty:

Step1: Google Forms Will be sent to the students WhatsApp groups .

Step 2: Responses will be collected

Step3: Analysis on the feedback will be done by the responses sheets.

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXIT STUDENT FEEDBACK AY: 2023-24

Student Name: **Student Regd. No:**
Academic Year: **Batch:**
Email: **Phone No:**
NOTE: Please write appropriate levels1, 2, 3 as defined below for each parameter:
The Score is on a 3-Points (1 to 3) scale... **(Excellent-3, Good-2, Poor-1)**

S.NO.	FEEDBACK ON FACILITIES	SCORE
1	Central Library Facilities	
2	Laboratories in Curriculum (Knowledge point of view and software point of view)	
3	Additional Laboratories & Project Lab status in the Department	
4	Common Computer Center / Internet Facilities	
5	Available Software facilities in the Department	
6	Sports & Games facility	
7	Counseling / Mentoring Facilities	
8	T & P Facilities-regarding training as well as recruitment process	
9	Canteen facilities	
10	Entrepreneurship cell-providing awareness programs and encouragement	
11	Hostel facility	
12	Transportation facility	
13	Self Learning Facility such as NPTEL, e-Journals, JNTUH	
14	Student health care facilities in the campus	
15	Availability of First-Aid boxes in the Laboratories	
16	General maintenance of Class rooms	
17	Redressal of Grievances	
18	Recreational facilities	
19	Toilet facilities	
20	Overall rating on Infrastructure	
	FEEDBACK ON CURRICULUM	
21	Grade the way of defining course Objectives and outcomes of your overall program	
22	Academic Initiatives to bridge the gap between industry and academia	
23	Syllabus is need based	
24	Can you grade the content of syllabus given in each and every course	
25	Availability of number of the prescribed books in your central Library	
26	The course/syllabus has made me interested in the subject area	
27	The course/program of studies carries sufficient number of optional papers	
28	Innovative teaching methodologies to improve the competence	
29	Fulfilling expectations and need of industry	
30	Satisfaction of your expectation from the Department	
	FEEDBACK ON TEACHING LEARNING EVALUATION PROCESS	
31	Overall Academic Performance of students	
32	Learning interest generated by the teachers through innovative teaching methods	
33	Conducting of student seminars for improving confident levels	
34	Guidance given by the faculty on laboratories	
35	Arranging of Industrial Visits/field trips	
36	Allowing of students to do internships, workshops	
37	Quality of projects-Technology, Social Relevance and Industry based	
38	Department Association Activities	
39	Extracurricular activities	
40	Regular advancement of the department	
41	Student peer Learning opportunities	
42	Carrier guidance provided by the Faculty members	
43	Training courses beyond the University/autonomous syllabus-Soft skills/CRT/CRA	
44	Additional topics taught in the courses	
45	Additional experiments conducted in the Laboratories	
46	Fairness of Exam papers Evaluation by the University	
47	Fairness of Mid exam papers evaluation by the College	
48	Implementation of analysis of student feedbacks	
49	Syllabus and its relevance to meet the objectives	
50	Interest created on Annual Project Exhibition	
51	Technical student presentations done by the students in the Department	
52	Effectiveness of Remedial classes its results	
53	Syllabus creates interest to pursue higher studies in the particular subject	
	FEED BACK ON FACULTY, STAFF & ADMINISTRATION	
54	Sincerity/Commitment of the teachers in the Department	
55	The regularity of conducting of class work by the teachers	
56	Providing of Quality/Usefulness of supporting materials like student Lab manuals, Digital Notes, Video links etc.,	
57	Usefulness of parent-Teacher's meeting	
58	Supporting staff in laboratories and their guidance in practical classes	
59	Helpfulness of advises for advance studies given by Administration	
60	How accessible your administrators to solve your problems in the institute premises	

Any other comments/Suggestions:
1.
2.
3.
4.
5.

Date: Signature of the Student

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

ALUMNI FEEDBACK AY:: 2023-2024
OBE, FACILITIES and CURRICULUM

Name of the Alumni: Branch:
Year of graduation: Phone no:
Organization name: Designation /Occupation:
Email: Joined year:

Dear Alumni,

We shall be thankful to and appreciate you if you can spare some of your valuable time to fill up this feedback form and give us your valuable suggestions for further improvement of the Institute. Your valuable inputs will be of great use to improve the quality of our academic programs and enhance the credibility of the Institute. Hence your feedback on Institute will help us to improve our approach in Academics.

The rating is on a 3-Points (1 to 3) scale... (Excellent-3, Good-2, Poor-1)

S.No.	FACILITIES	Score
1	How teaching and mentoring process in the college facilitated to you for your overall development.	
2	How our college Infrastructure & Lab facilities helped you to enhance your knowledge	
3	Usage of teaching aids and ICT in the class by faculty to facilitate teaching.	
4	Facilities regarding sports and games	
5	How can you grade your Training & Placement activities	
6	Availability of reading material (Library/Internet/Others)	
7	The college provides adequate opportunities and support to the students for upgrading.	
8	Grade your Hostel & Canteen Facilities	
9	Grade your Co-curricular and Extracurricular Activities	
10	How college provides multiple opportunities to learn and grow.	
	CURRICULUM DESIGN & DEVELOPMENT	
11	Grade your Curriculum and Syllabi of the Courses	
12	Is it College takes efforts to engage students in monitoring, reviewing and improving quality of Teaching – Learning Process?	
13	How teachers are informing expected competencies, course outcomes and program outcomes	
14	Timely announcement of examination results	
15	Opportunities for out of classroom learning (guest lectures, seminars, workshop, value added programs, conferences, competitions)	
Any Other suggestions:		

S.No.	PROGRAM OUTCOMES	Score
1	The study of basic sciences and core engineering helped you in analyzing the problems at your workplace?	
2	How you are grading to identify and define the computing requirements for a given problem which are appropriate to its solution	
3	How are you capable to develop algorithms, and/or techniques that contribute to the software solution?	
4	How college provides opportunity in the decision-making process of your project	
5	Type of modern tools used in your project	
6	Grade the impact of your final year project on society	
7	Capability of a student to implement global, security and safety issues at your career	
8	In what way are you collaborating with your team members to deliver the task at your workplace	
9	Roll of yours working with multidisciplinary teams	
10	How are you supporting your team on design and present documents using the presentation tools	
11	How capable you are to exceed the timelines allocated for the work	
12	Grade your interest to pursue any higher education/undertaken certification/short-term courses for furtherance of your professional career?	
	PROGRAM SPECIFIC OUTCOMES	
13	Engineering Fundamentals: The ability to develop computer programs in the areas related to Algorithms, Multimedia, Web design, Big Data Analytics, and IoT to deliver a quality product for society needs.	
14	Career Development: The ability to excel in Computer Science and Engineering program through quality education, communication skills and ethics which enables them to succeed in computing industry profession.	
15	Problem Solving Skills: The ability to apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success.	
Any Other suggestions:		

Signature of the Alumni

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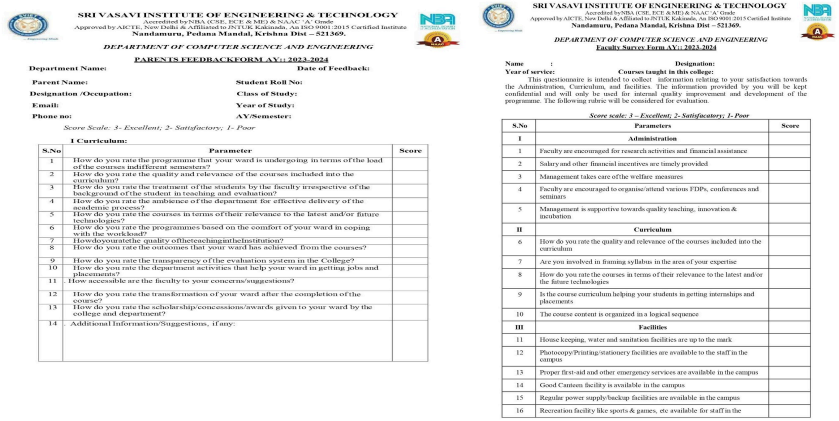
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXIT STUDENT FEEDBACK AY: 2023-24

Student Name: **Student Regd. No:**
Academic Year: **Batch:**
Email: **Phone No:**

NOTE: Please write appropriate levels1, 2, 3 as defined below for each parameter:
The Score is on a 3-Points (1 to 3) scale... **(Excellent-3, Good-2, Poor-1)**

S.NO.	FEEDBACK ON FACILITIES	SCORE
1	Central Library Facilities	
2	Laboratories in Curriculum (Knowledge point of view and software point of view)	
3	Additional Laboratories & Project Lab status in the Department	
4	Common Computer Center / Internet facilities	
5	Available Software facilities in the Department	
6	Sports & Games facility	
7	Counseling / Mentoring Facilities	
8	T & P Facilities-regarding training as well as recruitment process	
9	Canteen facilities	
10	Entrepreneurship cell-providing awareness programs and encouragement	
11	Hostel facility	
12	Transportation facility	
13	Self-Learning Facility such as NPTEL, e-Journals, JNTUH	
14	Student health care facilities in the campus	
15	Availability of First-Aid boxes in the Laboratories	
16	General maintenance of Class rooms	
17	Redressal of Grievances	
18	Recreational facilities	
19	Toilet facilities	
20	Overall rating on Infrastructure	
	FEEDBACK ON CURRICULUM	
21	Grade the way of defining course Objectives and outcomes of your overall program	
22	Academic Initiatives to bridge the gap between industry and academia	
23	Syllabus is need based	
24	Can you grade the content of syllabus given in each and every course	
25	Availability of number of the prescribed books in your central Library	
26	The course/syllabus has made me interested in the subject area	
27	The course/program of studies carries sufficient number of optional papers	
28	Innovative teaching methodologies to improve the competence	



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PARENTS FEEDBACKFORM AY:: 2023-2024

Department Name: Date of Feedback:

Parent Name: Student Roll No:

Designation /Occupation: Class of Study:

Email: Year of Study:

Phone no: AY/Semester:

Score Scale: 3- Excellent; 2- Satisfactory; 1- Poor

I Curriculum:

S.No	Parameter	Score
1	How do you rate the programme that your ward is undergoing in terms of the load of the courses indifferent semesters?	
2	How do you rate the quality and relevance of the courses included into the curriculum?	
3	How do you rate the treatment of the students by the faculty irrespective of the background of the student in teaching and evaluation?	
4	How do you rate the ambience of the department for effective delivery of the academic process?	
5	How do you rate the courses in terms of their relevance to the latest and/or future technologies?	
6	How do you rate the programmes based on the comfort of your ward in coping with the workload?	
7	Howdoyouratethe quality oftheteachingintheInstitution?	
8	How do you rate the outcomes that your ward has achieved from the courses?	
9	How do you rate the transparency of the evaluation system in the College?	
10	How do you rate the department activities that help your ward in getting jobs and placements?	
11	How accessible are the faculty to your concerns/suggestions?	
12	How do you rate the transformation of your ward after the completion of the course?	
13	How do you rate the scholarship/concessions/awards given to your ward by the college and department?	
14	Additional Information/Suggestions, if any:	

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Faculty Survey Form AY:: 2023-2024

Name : Designation:

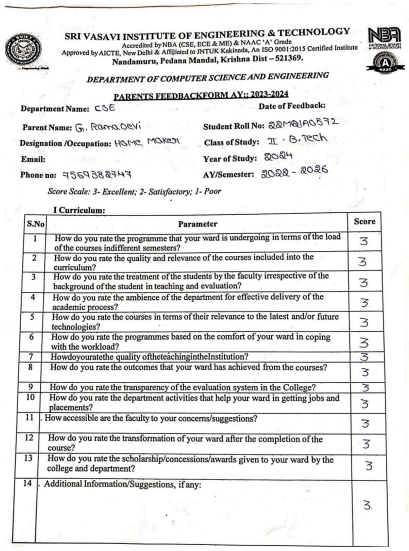
Year of service: Courses taught in this college:

This questionnaire is intended to collect information relating to your satisfaction towards the Administration, Curriculum, and facilities. The information provided by you will be kept confidential and will only be used for internal quality improvement and development of the programme. The following rubric will be considered for evaluation.

Score scale: 3 – Excellent; 2- Satisfacatory; 1- Poor

S.No	Parameters	Score
I	**Administration**	
1	Faculty are encouraged for research activities and financial assistance	
2	Salary and other financial incentives are timely provided	
3	Management takes care of the welfare measures	
4	Faculty are encouraged to organise/attend various FDPs, conferences and seminars	
5	Management is supportive towards quality teaching, innovation & incubation	
II	**Curriculum**	
6	How do you rate the quality and relevance of the courses included into the curriculum	
7	Are you involved in framing syllabus in the area of your expertise	
8	How do you rate the courses in terms of their relevance to the latest and/or the future technologies	
9	Is the course curriculum helping your students in getting internships and placements	
10	The course content is organized in a logical sequence	
III	**Facilities**	
11	House keeping, water and sanitation facilities are up to the mark	
12	Photocopy/Printing/stationery facilities are available to the staff in the campus	
13	Proper first-aid and other emergency services are available in the campus	
14	Good Canteen facility is available in the campus	
15	Regular power supply/backup facilities are available in the campus	
16	Recreation facility like sports & games, etc available for staff in the	

Figure 9.3.1: Samples of feedback Collection Process from Students, Faculty & Parents



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PARENTS FEEDBACKFORM AY:: 2023-2024

Department Name: CSE Date of Feedback:

Parent Name: G. Ramadevi Student Roll No: 228N1A05572

Designation /Occupation: Home Maker Class of Study: II - B.Tech

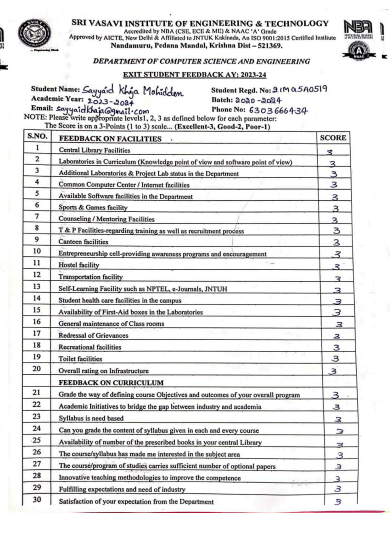
Email: Year of Study: 2024

Phone no: 9569388347 AY/Semester: 2022 - 2026

Score Scale: 3- Excellent; 2- Satisfactory; 1- Poor

I Curriculum:

S.No	Parameter	Score
1	How do you rate the programme that your ward is undergoing in terms of the load of the courses indifferent semesters?	3
2	How do you rate the quality and relevance of the courses included into the curriculum?	3
3	How do you rate the treatment of the students by the faculty irrespective of the background of the student in teaching and evaluation?	3
4	How do you rate the ambience of the department for effective delivery of the academic process?	3
5	How do you rate the courses in terms of their relevance to the latest and/or future technologies?	3
6	How do you rate the programmes based on the comfort of your ward in coping with the workload?	3
7	Howdoyouratethe quality oftheteachingintheInstitution?	3
8	How do you rate the outcomes that your ward has achieved from the courses?	3
9	How do you rate the transparency of the evaluation system in the College?	3
10	How do you rate the department activities that help your ward in getting jobs and placements?	3
11	How accessible are the faculty to your concerns/suggestions?	3
12	How do you rate the transformation of your ward after the completion of the course?	3
13	How do you rate the scholarship/concessions/awards given to your ward by the college and department?	3
14	Additional Information/Suggestions, if any:	3



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

EXIT STUDENT FEEDBACK AY: 2023-24

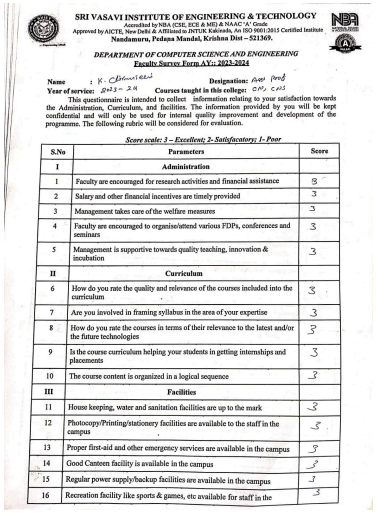
Student Name: Sayyed Khja Mohiddin Student Regd. No: 218A5A0519

Academic Year: 2023-2024 Batch: 2020 -2024

Email: sayyedkhja@gmail.com Phone No: 6303666434

NOTE: Please write appropriate levels 1, 2, 3 as defined below for each parameter:
The Score is on a 3-Points (1 to 3) scale... (Excellent-3, Good-2, Poor-1)

S.NO.	FEEDBACK ON FACILITIES	SCORE
1	Central Library Facilities	3
2	Laboratories in Curriculum (Knowledge point of view and software point of view)	3
3	Additional Laboratories & Project Lab status in the Department	3
4	Common Computer Center / Internet facilities	3
5	Available Software facilities in the Department	3
6	Sports & Games facility	3
7	Counseling / Mentoring Facilities	3
8	T & P Facilities-regarding training as well as recruitment process	3
9	Canteen facilities	3
10	Entrepreneurship cell-providing awareness programs and encouragement	3
11	Hostel facility	3
12	Transportation facility	3
13	Self-Learning Facility such as NPTEL, e-Journals, JNTUH	3
14	Student health care facilities in the campus	3
15	Availability of First-Aid boxes in the Laboratories	3
16	General maintenance of Class rooms	3
17	Redressal of Grievances	3
18	Recreational facilities	3
19	Toilet facilities	3
20	Overall rating on Infrastructure	3
	FEEDBACK ON CURRICULUM	
21	Grade the way of defining course Objectives and outcomes of your overall program	3
22	Academic Initiatives to bridge the gap between industry and academia	3
23	Syllabus is need based	3
24	Can you grade the content of syllabus given in each and every course	3
25	Availability of number of the prescribed books in your central Library	3
26	The course/syllabus has made me interested in the subject area	3
27	The course/program of studies carries sufficient number of optional papers	3
28	Innovative teaching methodologies to improve the competence	3
29	Fulfilling expectations and need of industry	3
30	Satisfaction of your expectation from the Department	3



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
Faculty Survey Form AY:: 2023-2024

Name : K. Chinnarao **Designation:** Asst Prof
Year of service: 2023-24 **Courses taught in this college:** CN, CNS

This questionnaire is intended to collect information relating to your satisfaction towards the Administration, Curriculum, and facilities. The information provided by you will be kept confidential and will only be used for internal quality improvement and development of the programme. The following rubric will be considered for evaluation.

Score scale: 3 – Excellent; 2- Satisfactory; 1- Poor

S.No	Parameters	Score
I	**Administration**	
1	Faculty are encouraged for research activities and financial assistance	3
2	Salary and other financial incentives are timely provided	3
3	Management takes care of the welfare measures	3
4	Faculty are encouraged to organise/attend various FDPs, conferences and seminars	3
5	Management is supportive towards quality teaching, innovation & incubation	3
II	**Curriculum**	
6	How do you rate the quality and relevance of the courses included into the curriculum	3
7	Are you involved in framing syllabus in the area of your expertise	3
8	How do you rate the courses in terms of their relevance to the latest and/or the future technologies	3
9	Is the course curriculum helping your students in getting internships and placements	3
10	The course content is organized in a logical sequence	3
III	**Facilities**	
11	House keeping, water and sanitation facilities are up to the mark	3
12	Photocopy/Printing/stationery facilities are available to the staff in the campus	3
13	Proper first-aid and other emergency services are available in the campus	3
14	Good Canteen facility is available in the campus	3
15	Regular power supply/backup facilities are available in the campus	3
16	Recreation facility like sports & games, etc available for staff in the	3

Figure 9.3.1: Samples of feedback Collection Process from Students, Faculty & Parent

Table 9.3.2: Feedback on facilities analysis and action taken for the Academic Year2023-24

S.N0	Feedback	Action taken
1	Monitoring system facility in the campus	As per the student feedback, the committee installed more no. of CC Cameras at the respective places and took Necessary steps in monitoring them periodically.
2	Library facilities	The committee advised to allocate library hours in the time table for the students and take steps for functioning of the library beyond college hours. Also remote learning access is Provided to Knimbus, Delnet and e-cap soft wares.

Step-by-step feedback collection process from industry Personnel, Alumni, or Parents:

1. Step 1: The coordinator will give feedback forms to industry persons, alumni, or parents at the time of the vis it (advisorycommitteemeetings,guest lectures, collection fcertificates,andalumni meets).
   Step2: Feedback on facilities filled by the stakeholders for all facilities by using one of the levels

   Step3:After completion of the form, the coordinator will collect the data for analysis.
2. Feedback Analysis

   The collected feedback is scrutinized by a committee with representation from each department. The details of the obtained feedback are thoroughly analysed by a group of committee members. The committee takes appropriate decisions.
3. Corrective Measures

- All washrooms are renovated.
- Additional blocks were constructed for the girls hostel.
- Anew shed has been provided in the parking area.

- Additional buses are provided on new routes.
- CC cameras are provided in all corridors and through out the entire campus for the girl safety and security.
- The necessary corrective measures are implemented after discussion with the management. A review is conducted by the principal to check on the corrective measures taken and whether they need to be continued.

Sample Feedback on facilities and action taken report

SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY

Department of Computer Science and Engineering

Observations and plan of action of Alumni feedback A.Y:2023-24

Alumni feedback		
Observations	Plan of Action	Time Taken
The alumni members also equested if some short term ertificate or skill development ourses may be started out of e working hours so that they n also get benefitted from the course.	The Teaching Departments made new collaborations with different industries for internship programs.	1 Month
Alumni suggested that in addition to the prescribed syllabus, there is a growing eed for the introduction of a ining program or value-added course to improve the nployability skills of students.	As per the recommendation, All the departments were instructed to plan some value added courses in their respective program	1Month

SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY

Department of Computer Science and Engineering

Observations and plan of action of Exit student feedback A.Y:2023-24

Exit student feedback			
S.No	Observations	Plan of Action	Time Taken
1	All the students reported that the teachers provide them with sufficient study materials but they also wanted the library to be more equipped	The library subscribed new journals and purchased lot of books and made it available for the students	15 Days
2	Syllabus to be improved to present scenario	Representation should be given to university when revision of syllabus is done	15 Days

Figure 9.3.3: Feedback and action taken report for the academic year 2023– 24

9.4 Self-Learning (5) Total Marks 5.00

Institute Marks : 5.00

9.4. Self Learning(5)

Central Library Advisory Committee

- To review the function in go the library with regards to its support for the academic programmes of the institute.
- To emulate an action plan for the development of library infrastructure, facilities, products, and services
- To evaluate the suggestions made by the library users and to advise the management on matters of policy relating to the development of libraries
- To enhance and support there search activity of the institution
- To look into the day-to-day problems of the library client, library staff
- To maintain liaison between the Central Library and various academic departments for the procurement of books and journals.
- Students are encouraged and guided to enroll in NPTEL

Table 9.4.1:Members of Library Advisory Committee

S.No	Name of the Member	Designation
1	Mrs M.Prasanthi,Asst.Prof. of CSE	Coordinator
2	MrP.VenkateswaraRao (Librarian)	Member
3	Ms.B.Mounika, Asst.Prof of S & H	Member
4	Mrs.K.LakshmiPriya, Asst.Prof of Mech	Member
5	Mrs.J.S.Deepika, Asst.Prof of ECE	Member
6	Mr.N.Vinay Kumar, Asst.Prof of Civil	Member

S.No	Name of the Student	Roll No.	Designation
1	Borra Mary	24MQ1A0102	Student Member
2	K.Leela Kumari	24MQ1A0106	Student Member
3	ParasaVenkatesh	24MQ1A0301	Student Member
4	B.Tulasi Ram	24MQ1A0405	Student Member
5	Chakka Raajitha	24MQ1A0411	Student Member
6	Guraja Baby Saroja	24MQ1A0476	Student Member
7	V.Jyothi Kumar	24MQ1A04B1	Student Member
8	Munshi Sara Bai	24MQ1A0540	Student Member
9	P. Lakshmi Sri Durga	24MQ1A0597	Student Member
10	PenneruDhanush	24MQ1A05A0	Student Member
11	P.Bhagyasri	24MQ1A05E7	Student Member
12	V.Y.Lakshmi Prasanna	24MQ1A05G7	Student Member
13	Channam RakeshBabu	24MQ1A05I1	Student Member
14	Pamu Nishi	24MQ1A05K7	Student Member
15	Ede Devi Pujitha	24MQ1A4213	Student Member
16	P.Pavan Kumar	24MQ1A4239	Student Member

S.No	Name of the Student	Roll No.	Designation
17	Kate Sudeepthi	24MQ5A0108	Student Member
18	Mohammad Rasheed	24MQ5A0112	Student Member
19	AmbatiUmesh	23MQ1A0303	Student Member
20	BonuYoginaidu	24MQ5A0307	Student Member
21	Lingampalli Naga Divya	23MQ1A0426	Student Member
22	Putta Charan Sree	23MQ1A0443	Student Member
23	KesanaGiridhar	23MQ1A0483	Student Member
24	Mucherla Bhavya	23MQ1A0491	Student Member
25	C.L.S.Prasanna	23MQ1A0511	Student Member
26	K.Prasanna Kumar	23MQ1A0524	Student Member
27	K.Nuthana	23MQ1A0584	Student Member
28	K.Syam kumar	24MQ5A0508	Student Member
29	C.Vamsi Krishna	23MQ1A05E0	Student Member
30	Pamrthi Samrajyam	23MQ1A05H6	Student Member
31	Somarouthu Tejasri	23MQ1A05O1	Student Member
32	M.Ganesh	23MQ1A05M5	Student Member
33	Alapati Chanukya	23MQ1A4204	Student Member
34	Kona Sathvika	23MQ1A4228	Student Member
35	MaddalaKeerthana	23MQ5A0101	Student Member
36	Purilla Sai Kumar	23MQ5A0106	Student Member
37	Chandana Kiran Babu	23MQ5A0302	Student Member
38	Matta Ravi Bhargav	23MQ5A0305	Student Member
39	Somisetti Naga Navya Sri	22MQ1A0441	Student Member
40	Dasari Narendra Sai Kumar	23MQ5A0403	Student Member
41	K.S.NagaVenkataSukanya	23MQ5A0412	Student Member
42	Nagisetti Aakash Babu	22MQ1A0476	Student Member
43	K.Durga Lakshmi	22MQ1A0524	Student Member
44	G.Sai Chandu	22MQ1A0513	Student Member
45	M.R.N.D. Sri Sai Kumar	22MQ1A0585	Student Member
46	Ch. Rupasree Tejaswini	22MQ1A0597	Student Member
47	Ande Lokesh	22MQ1A05C0	Student Member
48	J.N.Lalitha Pravallika	22MQ1A05D2	Student Member

S.No	Name of the Student	Roll No.	Designation
49	Chinni Baladitya	22MQ1A4208	Student Member
50	R.L.V.N.Sailavanya	22MQ1A4244	Student Member
51	J.Mahesh	21MQ1A0102	Student Member
52	P.Naga Prathap	21MQ1A0104	Student Member
53	P.Sai Chandra	21MQ1A0301	Student Member
54	M.Gopi Chand	21MQ1A0303	Student Member
55	K.Hema Sri	21MQ1A4215	Student Member
56	R.Chaitanya	21MQ1A4251	Student Member
57	A.Pavani	21MQ1A0401	Student Member
58	J.Mahendra	21MQ1A0428	Student Member
59	K.Divya Sri	21MQ1A0450	Student Member
60	P.Nitish	21MQ1A0481	Student Member
61	M.Anjali	21MQ1A0514	Student Member
62	D.Jayanandh	21MQ1A0543	Student Member
63	P.Bhavana	21MQ1A0586	Student Member
64	C.Nagendra	21MQ1A0597	Student Member

Services Rended by the Committee:

- Circulation
- Reference services
- E-journals browsing
- Reprographic Services
- User Orientation
- Maintenance of News Papers
- Service Filling of Previous Year Question Papers
- Back Volumes

Library Facilities and Services

- SVIET Central Library automated using E-CAP: Engineering College automation package.
- Library created its resources database and provided Online Public Access Catalogue (OPAC) through which users can access from any of the computers connected in the campus LAN to know available resources and the status of the book https://103.208.229.211/newecap/default.aspx
- The library is a member of DELNET and provides web access to e- resources that includes journals, text books, thesis's/ dissertations
- Established the NPTEL Local Chapter in association with IIT Madras. Through this,
- NPTELhas been offering online certification for its courses, the highlight being the certification exam through which the student gets an opportunity to earn a certificate from the IITs.

  URL:https://nptel.ac.in/LocalChapter/college_homepage.php?collegeid=1380 (url:https://nptel.ac.in/LocalChapter/college_homepage.php?collegeid=1380)

- For effective utilization of resources, orientation programs are conducted to the library users based on the assessment level of skill of the users whenever needed.
- Newspapers of local and English languages are available in central library.

A. Scope for self-learning (2)

Facilities for Student Self-Learning

Table 9.4.2: Facilities for students in library

S. No.	Facility/Item	Description
1	Central Computer Centre	20 Computers with Internet and Intranet Facilities

Self-Learning Sources in Central & Department Library

Table 9.4.3 Self learning sources in library

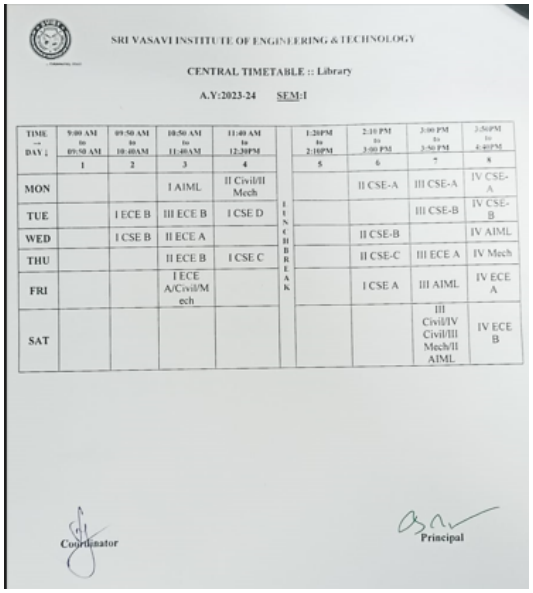
1.	Library facility from 8AM to8PM
2.	Library Hour included inTime Table
3.	NPTELVideo Lectures– 24,707(4 TB)
4.	Volumes–22,370
5.	Titles-2985
6.	Net Browsing &Web Downloads
7.	Project works –826
8.	DELNET Resources, NDL &Knimbusm Library Portal
9.	Competitive Exams Preparation Aptitude & Reasoning Books,English Vocabulary & Grammar Books.

Program Wise Titles &Volumes

Table 9.4.4: Program wise books & journals information available in library

S.NO	BRANCH	BOOKS		JOURNAL		
		VOLUMES	TITLES	INTERNATIONAL	NATIONAL	E- RESOURCES
1	CIVIL	3104	378	03	02	DELNET, NDL, Knimbus mLibrary Portal & NPTEL
2	EEE	2291	331	02	02	
3	MECH	3166	437	04	03	
4	ECE	3754	515	06	06	
5	CSE	4435	607	06	04	
6	AIML	806	146	01	--	
7	S &H	4814	571	--	--	
TOTAL		**22370**	**2985**	**22**	**17**	
1	SC & ST	1379	303			
2	Project Reports	826	826			

3	Back Volumes	1167	1167			
4	Comp. & Rare Books	182	94			



SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY

CENTRAL TIMETABLE :: Library

A.Y:2023-24 SEM-I

TIME → DAY ↓	9:00 AM to 09:50 AM	09:50 AM to 10:40AM	10:50 AM to 11:40AM	11:40 AM to 12:30PM		1:20PM to 2:10PM	2:10 PM to 3:00 PM	3:00 PM to 3:50 PM	3:50PM to 4:40PM
	1	2	3	4		5	6	7	8
MON			I AIML	II Civil/II Mech			II CSE-A	III CSE-A	IV CSE-A
TUE		I ECE B	III ECE B	I CSE D				III CSE-B	IV CSE-B
WED		I CSE B	II ECE A				II CSE-B		IV AIML
THU			II ECE B	I CSE C			II CSE-C	III ECE A	IV Mech
FRI			I ECE A/Civil/Mech				I CSE A	III AIML	IV ECE A
SAT								III Civil/IV Civil/III Mech/II AIML	IV ECE B

Coordinator

Principal

Figure 9.4.1:Library Occupancy chart

B. The institution needs to specify the facilities, materials for learning beyond syllabus, Webinars, Podcast, MOOCs etc. and demonstrate its effective utilization (3)

Web-based Learning Facilities:

- The institute has created central internet facility 100Mbps speed leased line and 20 computer terminals facility to promote and motivate students to self -learning.
- The Internet is an open information system in which various sources of information, media and materials such as texts, images, video sequences can be linked together in diverse ways to form so-called self-learning environments.
- Internet offers new possibilities to structure, represent, adapt and integrate various learning content and materials. Furthermore, due to its interactivity, learners can process thematerial in accordance with their individual preferences and strategies at anytime and from any place provided an internet connection is available.
- Faculty members suggest different sources for each subject.
- Faculty members prepare their course files and place them in college website.

Learning with Multimedia Facilities

- Availability of course material on intra-net
- Digital library facility
- Language lab facility
- Availability of video lectures
- LCD projectors for presentation

NPTEL Local Chapter Statistics

- NPTEL (National Programme on Technology Enhanced Learning) provides E-learning through online Video and Web courses in Engineering, Sciences and Humanities streams.
- The objective is to enhance the learning component of all Engineering aspects including Electronics & Communication Engineering aspects of some of the current learning methods.

- Having access to 24,707 video courses of NPTEL – view, download and copy.
- Through local chapter NPTEL has initiated Open online courses that have certification as an option. 10hr, 20hr and 30hr courses are offered on the model of MOOCs on the online courses portal.
- The objective of enabling students to obtain certificates for courses is to make students employable in the industry or pursue a suitable higher education program.

SWAYAM/NPTEL – STUDENT CERTIFICATIONS

NPTEL E-Learning

NPTEL (National Programme on Technology Enhanced Learning) provides E-learning through online Video and Web courses in Engineering, Sciences and humanities streams.
Link to NPTEL official website: http://nptel.ac.in/ (http://nptel.ac.in/)

Table 9.4.5: Details of NPTEL E-Learning participation during assessment period

Course Run	Present	Gold	Elite	Silver	Successful	Participation	Toper
Jul-Dec 2024	15	0	3	0	4	8	--
Jan-Apr 2024	16	0	5	0	9	2	--
Jul-Dec 2023	81	0	26	3	30	22	--
Jan-Apr 2023	121	0	11	2	45	63	2
Jul-Dec 2022	14	0	5	1	1	7	--
Jan-Apr 2022	134	0	19	2	44	69	--

Table 9.4.6: Program-wise number of NPTEL videos

1	Basic Sciences & Humanities	5656
2	Civil Engineering	3650
3	Electrical Engineering	2461
4	Mechanical Engineering	6617
5	Electronics and Communication Engineering	2538
6	Computer Science and Engineering	3785

Additional Information

e- RESOURCES:

DELNET: http://www.delnet.in

Username: apsviet

Password: sviet901

NATIONAL DIGITAL LIBRARY https://ndl.iitkgp.ac.in

Username: venku1507@gmail.com

Password: librariansviet

NPTEL: https://nptel.ac.in/LocalChapter/college_homepage.php?collegeid=1380

192.168.2.251

OPAC (Library Software Database): Intranet Link :http://117.239.54.69/ecap/default.aspx

Username: library

Password: 123456

SVIET College Website: https://sviet.edu.in/

Knimbus mLibrary Portal: www.knimbus.com

Username: user mail ID

Password: user@knimbus

E-BOOKS:

LIBRARY GENESIS : http://93.174.95.27/

FREE-EBOOKS : https://www.free-ebooks.net/ DIGILIBRARIES

: https://digilibraries.com/ ARCHIVE

: https://archive.org/

GUTENBERG : https://www.gutenberg.org/

E-JOURNALS:

DIRECTORY OF OPEN ACCESS : https://doaj.org/

BENTHAM OPEN : https://benthamopen.com/

WSPC : https://www.worldscientific.com

DICTIONARIES: CAMBRIDGE ONLINE DICTIONARY: https://dictionary.cambridge.org/

DICTIONARY: https://www.merriam-webster.com/

Virtual Labs: **In collaboration with College of Engineering, Pune (CoEP),Sponsored by MHRD** https://www.vlab.co.in/

e-Yantra Lab: In collaboration with IIT- Bombay,Sponsored by MHRD

9.5 Career Guidance, Training, Placement (10) Total Marks 10.00

Institute Marks : 10.00

A. Availability of career guidance facilities (2)

B. Counseling for higher studies (GATE/GRE, GMAT, etc.) (2)

C. Pre-placement training (3)

D. Placement process and support (3)

Career Guidance, Training and Placement Cell:

The standard of any educational institution is generally measured by its academic excellence and the success in placements. To be able to get placed in various companies, students are required to have a good grip and proficiency in Aptitude, Reasoning, Verbal and Communication Skills.

It is to meet this vital requirement and the competitive standard and achieve this target,

the Training placement & Career Guidance Cell was established with team of potential and Professional trainers in the areas of Aptitude, Reasoning, verbal and Soft Skills.

The prime objective of the Training and Placement Career Guidance Cell is to create premier opportunities for the SVIET students by promising jobs in reputed organizations. To accomplish this objective, the Placement Cell identifies corporate companies in various sectors and initiates the process of building a mutually rewarding relationship with them. The Placement Cell has been instrumental in associating itself with corporate giants to conduct various Industry Institute initiatives.

Various technical and literary events are conducted to practically enhance their communicative abilities and to equip them also with a holistic potential which will help them to face emerging challenges in the context of globalization. Over the time it has proved itself most successful with outstanding success in the ascendance of

success in placements.

1. FUNCTIONS OF THE TRAINING CELL:

1. Collects and maintains the students' database for the purpose of T&P activities

2. Enables the training need analysis for all the students basing on the same, plans for

Imparting the necessary skills such as soft skills and technical skills.

3. Arranges for an interaction with industry and bridges the gap between Institute and industry.

4. Arranges the special sessions for providing the contemporary trends and developments

in the technology and tools to the students

5. The Training Cell conducts lectures on personality development, communication skills

and conducts mock sessions for improving presentation skills.

6. Assists companies in the recruitment process by conducting interviews, group

7. Discussions, Written tests etc. in the Campus. Training given exclusively to the students

for the MNC's

PLACEMENT CELL:

8. Collects and maintains the students' database for the purpose of Placement activities

9. Holds the responsibility for identifying placement opportunities across reputed Organizations.

10. Inviting the corporate companies to the College Campus for recruitments

11. Coordinates with Training Head for identifying the training requirements related to Soft

and communication skills

12. Conducts Campus Drives with help of department coordinators and volunteers

CAREER GUIDANCE CELL:

13. To give training and guidance to students on career related matters and assist them

in exploring new opportunities.

14. To organize Career guidance and motivational lectures by Alumni, entrepreneurs, External guests and faculty

15. To display various job advertisements coming in employment news, opportunities and Career columns in leading news papers.

2. FACILITIES OF THE CELL

1. Seminar Hall (B1-114) with seating capacity of 200 to conduct Pre-placement Talk

2. Two notice boards are available on the both sides of the room for displaying circulars, updating press clippings & year Planners etc.,

3. One room (B1-007) for training the Group Discussion Activities.

4. 2 LCD projectors for conducting digital classes

5. Motivational posters and images of famous quotes to encourage the students.

6. Integrated Labs with around 100 computers having robust Internet connection for online tests

7. Vast space for offline tests

8. Separate rooms (B1-007) for conduction of Group Discussion and Personal Interview

9. Enthusiastic team of volunteers for assistance

3. MANAGEMENT OF THE CELL

A. COMMITTEE COMPOSITION

The composition of the committee comprises

1.One Training Head

2.Four Faculty members of T&P Cell

3 One faculty member and two students from Department of Mechanical Engineering.

4.One faculty member and two students from Department of Electronics and Communications Engineering.

5.One faculty member and two students from Department of Civil Engineering.

6.One faculty member and two students from Department of Computer Science Engineering.

7.One faculty member and two students from Department of Electrical and Electronics Engineering

B. COMMITTEE MEMBERS

S.NO	NAME	DESIGNATION & DEPARTMENT	POSITION
1	D Adithya Kumar	Associate Professor, S & H	Coordinator
2	V.Bala Krishna	Assistant Professor-CIVIL	Faculty Member

3	D Kiran Babu	Assistant Professor-Mech	Faculty Member
4	G Karuna	Assistant Professor ECE	Faculty Member
5	LJN Sree Lakshmi	Assistant Professor-ECE	Faculty Member
6	Sk.Mohiddin Ahmed,	Assistant Professor-CSE	Faculty Member
7	K Divya	Assistant Professor-CSE	Faculty Member
8	I Prasanna	21MQ5A0103	Student Member
9	K Rushendra Kumar	22MQ5A0102	Student Member
10	Bezawada siva jyothsna	21MQ1A4203	Student Member
11	Rajulapati chaitanya	21MQ1A4251	Student Member
12	G.Mohitha	21MQ1A0570	Student Member
13	K.Karthik	21MQ1A0550	Student Member
14	Kruthiventi Sai Siva Abhigna	21MQ1A0550	Student Member
15	Pamarthi Venu Sai Ram	21MQ1A0478	Student Member
16	RATNALA HEMA SUNDAR SAI	22MQ1A4243	Student Member
17	KOLLIPARA HARIKA	22MQ1A4221	Student Member
18	BANDI HARSHA NAGA PRIYA	22MQ1A0502	Student Member
19	P KRISHNA CHAITANYA	22MQ1A05F3	Student Member
20	KATTULA VASU	23MQ5A0414	Student Member
21	BHOGADHI KAVITHA	22MQ1A0403	Student Member
22	EVANA GOPI VENKATA CHAND	23MQ5A0303	Student Member

4. ROLES & RESPONSIBILITIES OF COMMITTEE MEMBERS

A. COORDINATOR

1. To coordinate Training activities in accordance with the student’s ability and their demands.

2. To coordinate internal resources available in the form of teaching expertise of teachers

for enhancing the knowledge and skills of the students in implementation of the scheme.

3. To coordinate various external resources available in the forms of personality development programs & Student Interactive Sessions.

4. To coordinate with company delegates and inviting them to College for recruiting

students.

5. To Schedule the Recruitment-drive based on HR Availability

6. To disclose the list of students eligible for the campus drive

7. To Coordinate during campus drive

8. To collect results from company and issuing the offer letters to the selected candidates

9. To coordinate internal resources available for the smooth conduction of the Recruitment Drive

10. To collect the feedback with Stake Holders and forward it to training department

11. To coordinate Career Guidance activities in accordance with the student's ability and their demands.

B. FACULTY MEMBER

1. To prepare orientation programme for the students, identifying their skills required for

achieving the objectives of the scheme.

2. To promote community education through meetings, talks, news bulletins and discussions.

3. To help in formulating Training programmes this will have direct relationship with the academic curriculum.

4. To inform the students about campus drive schedules.

5. To organize the campus drive with help of volunteers

6. To assist companies in the recruitment process in interviews, group Discussions, Written tests on the Campus.

C. STUDENT MEMBER

1. Understand the community in which they work

2. Understand themselves in relation to their community

3. Identify the needs and problems of the community and involve them in problem solving

4. Utilize their knowledge in finding practical solutions to individual and community problems

5. To inform the students about campus drive schedules

6. To inform the students about mandatory credentials as per the placement cell instruction

7. To check the process of student registrations for the drive and other miscellaneous formalities

Fig 9.5.1: Brochure of CRT Program 2023-24

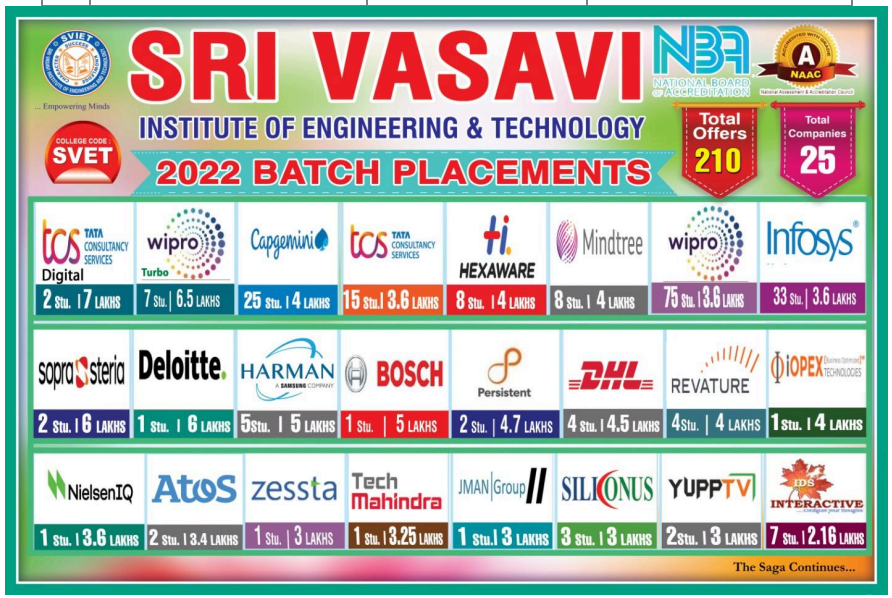
Total Hours count of training for an year

Semester	Aptitude	Verbal	Technical	Soft skills
2-1	-	-	-	15
2-2	-	-	-	15
3-1	30	30	30	-
3-2	30	30	30	30
4-1	30	30	30	30
Total	90	90	90	90

TRAINING Programs (A.Y: 2021-2022)

S.NO	NAME OF THE ACTIVITY	DATE	Remarks
1	Training for Wipro Elite-2022	16-09-21 to 24-09-21	Training Conducted for Eligible Students
2	Training for TCS Ninja2022	19-08-2021 to 31-08-2021	Training Conducted for Eligible Students
3	Training for TCS Ninja2022	01-09-21 to 11-09-21	Training Conducted for Eligible Students
4	Technical Training - TCS Ninja2022	04-10-21 to 30-10-21	TR Mock Interviews Conducted for TCS NINJA-2022 I Round Selected Students
3	Training for Wipro Elite 2022 1st round (Mock Interviews) selected students	18-10-21 to 28-10-21	TR Mock Interviews Conducted for Wipro Elite-2022 I Round Selected Students

4	Training for Hex aware company	08-11-21 to 11-11-21	Training Conducted for Eligible Students
5	Technical Training - Hex aware 1st round (Mock Interviews) selected students	23-11-21 to 24-11-21	TR Mock Interviews Conducted for I Round Selected Students
6	Training for UTS company	20-12-2021 to 21-12-2021	Training Conducted for Eligible Students
7	Training for Siliconous company	23-02-2022	Training Conducted for Eligible Students



PLACEMENTS FOR AY 2021-2022

S.No	Company Name	CTC in Lakhs	Core/IT/ITES
1	AADHYANTH TEXTILES INDIA PRIVATE LIMITED	4 LPA	CORE
2	ALIEN INNOVATIONS PRIVATE LIMITED	4.2 LPA	IT
3	ATOS	3.4 LPA	IT
4	BHEEL	3.6 LPA	CORE
5	BITS TECHNOLOGIES	3LPA	CORE
6	CADMAXX	3.17	CORE
7	CAPGEMINI	4 LPA	IT

8	Criztone Technology Pvt. Ltd.	4 LPA	ITES
9	DELLIOTE	6 LPA	IT
10	DHL	4.5 LPA	IT
11	DIVIS LABORATORY	2.4 LPA	CORE
12	EFKON India Pvt. Ltd.	2.3 LPA	IT
13	Fox link india	3.6 LPA	IT
14	GENAMPLIFY SOLUTIONS HUB	3.6 LPA	IT
15	HARMAN	5 LPA	IT
16	HEXAWARE	4 LPA	IT
17	HYUNDAI MOTORS	7.3 LPA	CORE
18	IDS	2.2 LPA	IT
19	INFOSYS	3.6 LPA	IT
20	Intech Additive Solutions	2.5 LPA	IT
21	JMAN	3 LPA	IT
22	KIRBY BUILDING	2.5 LPA	CORE
23	Manjha Technologies Pvt. Ltd.	4 LPA	ITES
24	MATERNA IPS INDIA PRIVATE LIMITED	2.4 LPA	CORE
25	MEIL	2.4 LPA	CORE
26	MINDTREE	4 LPA	IT
27	Modernize Chip	3 LPA	Core
28	Moschip	3.6 LPA	Core
29	NAGARRO	3.5 LPA	IT
30	NIYO FARM TECH Pvt. Ltd.	3.6 LPA	ITES
31	PERSISTANCE	4.7 LPA	IT
32	PUPILS	4.5 LPA	IT
33	REVATURE	4 LPA	IT
34	SATVEN	3.33 LPA	IT
35	SILICONOUS	4.7 LPA	Core
36	SOPRA STERIA	6 LPA	IT
37	TCS	3.6 LPA	IT
38	TECH MAHINDRA	3.25 LPA	IT

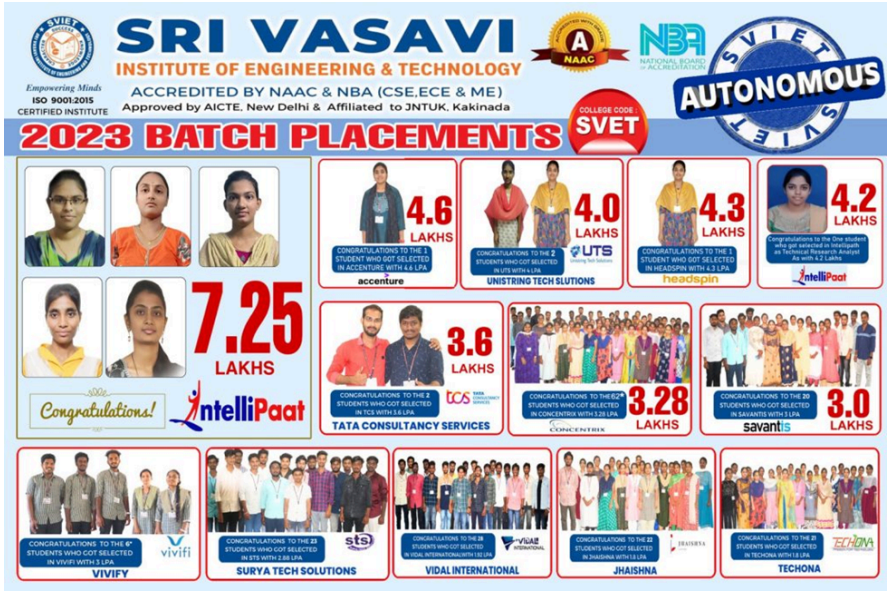
39	VALETH HIGHTECH COMPOSITES	2.95 LPA	CORE
40	WIPRO	3.5 LPA	IT
41	Wipro-turbo	3.6 LPA	IT
42	YUPTV	3 LPA	ITES
43	ZESTAA	3 LPA	IT

Ay: 2021-2022 CAreer Guidance Programs

S.NO	NAME OF THE ACTIVITY	DATE	Remarks
1	Career Opportunities with **GATE** afte**r B.Tech** by **ACE Academy, Vijayawada**	15-07-21	Interactive session conducted for II year Civil & Mech Students
2	Career Opportunities with **GATE** afte**r B.Tech** by **ACE Academy**	13-07-21	Interactive session conducted for II year ECE & CSE Students
3	Career Opportunities with **GATE** afte**r B.Tech** by **ACE Academy**	14-07-21	Interactive session conducted for II year EEE Students

TRAINING Programs (A.Y: 2022-2023)

S.NO	NAME OF THE ACTIVITY	DATE	Remarks
1	Training for Savantis On campus Drive	23-01-23 to 25-01-23	Training Conducted for Eligible Students
2	Training for TCS Nqt 2023	07-07-23 to 29-07-23	Training Conducted for Eligible Students
3	Training for TCS Nqt 2023	11-08-23 to 12-08-23	Training Conducted for Eligible Students
4	Mock interviews for TCS NINJA-2023 I Round Selected Students	19-09-22 to 01-10-22	Training Conducted for Shortlisted Students
5	Concentrix On Campus Training from	06-03-23 to 09-03-23	Training Conducted for Shortlisted Students
6	Unistring Tech Solutions (UTS) On Campus Training from	20-03-23 to 24-03-23	Training Conducted for Shortlisted Students
7	UTS Technical Interview Training	19-04-23 to 26-04-23	Training Conducted for Shortlisted Students



AY 2022-2023 PLacement DRIVES (A.Y: 2022-2023)

S.No	Company Name	CTC in Lakhs	Core/IT/ITES
1	ACCENTURE	5 LPA	IT
2	ALIEN INNOVATIONS PRIVATE LIMITED	3.6 LPA	IT
3	CONCENTRIX	2.2 LPA	IT
4	CRIZTONE TECHNOLOGY PRIVATE LIMITED	3.54 LPA	IT
5	DAZN SOLUTIONS	2.4 LPA	ITES
6	INTELLIPAT	6.2 LPA	IT
7	iTALENT DIGITAL	3.8 LPA	IT
8	JHAISHNA TECHNOLOGIES	1.5 LPA	IT
9	MANJHA TECHNOLOGIES PVT LTD	3.54 LPA	IT
10	Manjha Technologies Pvt. Ltd.	3.6 LPA	ITES
11	NEROPINE	1.2 LPA	IT
12	NETSPIN	4.3 LPA	IT
13	NIYO FARM TECH Pvt. Ltd.	3.6 LPA	ITES
14	PRUDENT GLOBALTECH SOLUTIONS	1.7 LPA	IT
15	SAVANTIS	3 LPA	IT
16	SPRYPLEHR	2.6 LPA	IT
17	SURYA TECH SOLUTIONS	2 LPA	IT
18	SVIET	1.5 LPA	ITES
19	SWIFT STAFFING SOLUTIONS	2.7 LPA	IT
20	TCS	3.5 LPA	IT
21	TECHONA ENTERPRISES	1.8 LPA	CORE
22	THINK AI LABS	1.8 LPA	IT
23	UTS	4.32 LPA	IT
24	VALANELABS	2 LPA	IT
25	VASISTA TECHNOLOGIES	2.4 LPA	IT
26	VIDAL INTERNATIONAL	1.98 LPA	CORE

27	WIPRO	2.65 LPA	IT
28	ZARAVYA SOLUTIONS	2.2 LPA	IT
29	BITS TECHNOLOGIES	3LPA	CORE

Ay: 2022-2023 Career guidance (InterAtive sessions)

S.NO	NAME OF THE ACTIVITY	DATE	Remarks
1	Career Opportunities of Higher Education (MS) afte**r B.Tech** by **Leo Global Overseas Education**	13-09-22	Interactive session conducted for All IV year
2	Career Opportunities of Higher Education (MBA) afte**r B.Tech** by **KL University**	16-02-23	Interactive session conducted for All IV year
3	Career Opportunities Higher Education (with **GATE)** afte**r B.Tech** by **ACE Academy, Vijayawada**	27-02-23	Interactive session conducted for All III year

Placement Details of A.Y- 2023-2024

S.No	Company Name	CTC in Lakhs	Core/IT/ITES
1	AADHYANTH TEXTILES INDIA PRIVATE LIMITED	4	CORE
2	ACCENTURE	4.4 LPA	IT
3	ALIEN INNOVATIONS PRIVATE LIMITED	3.54	CORE

4	BHARAT ELECTRONICS LIMITED	3.6	CORE
5	BITS TECHNOLOGIES	3LPA	CORE
6	CCL FOOD ON BEVARAGES LIMITED	2.58	CORE
7	CHANG YI Interconnect Tech.Pvt.Ltd	3.5 LPA	IT
8	CRIZTONE TECHNOLOGY PRIVATE LIMITED	4.2	CORE
9	Datalynx	2.8 LPA	IT
10	Efftronics	3.2 LPA	CORE
11	EXCELR	2.8 LPA	IT
12	GLOBAL LOGIC	2.2	IT
13	INDRO SOLUTIONS	2.26	IT
14	MANJHA TECHNOLOGIES PVT LTD	3.54	IT
15	Manjha Technologies Pvt. Ltd.	4 LPA	ITES
16	NIYO FARM TECH PRIVATE LIMITED	4	CORE
17	PALLE TECHNOLOGIES	2 LPA	IT
18	Resolute	2.5 LPA	CORE
19	Scala automation solutions	1.8 LPA	IT
20	SRI RAGAVENDRA TECHNOLOGIES	2.2	CORE
21	SURYATECH SOLUTIONS PRIVATE LTD.	2.2 LPA	IT
22	Techona Enterprises	1.44 LPA	CORE
23	UPSTARTIX INNOVATIONS PRIVATE LIMITED	3.6	CORE
24	Wipro	3.5 LPA	IT

A.Y: 2023-2024 Training programs

S.NO	NAME OF THE ACTIVITY	Date	Remarks
1	**Delta-X**	05-09-23 to 06-09-23	Training Conducted for Eligible Students
2	**Prudent Technologies**	10-11-23 to 11-11-23	Training Conducted for Eligible Students
5	**Excelr**	24-11-23	Training Conducted for Eligible Students

6	**Visa AI Labs**	01-12-23 to 02-12-23	Training Conducted for Eligible Students
7	**Tech Mahindra**	22-01-24 to 03-02-24	Training Conducted for Eligible Students
8	**Tech Mahindra by Logic Works**	05-02-24 to 07-02-24	Training Conducted for Eligible Students
9	**TCS NQT**	26-04-24	Training Conducted for Eligible Students once notification released
10	**Techouts**	24-04-24 to 26-04-24	Training Conducted for Eligible Students
11	**Snovasys**	30-04-24	Training Conducted for Eligible Students

A.Y: 2023-2024 Career guidance

S.NO	NAME OF THE ACTIVITY	Date	Remarks
1	**Career Guidance (MS) by Global Explore Education**	23-08-23	Conducted for All Final & Prefinal Year students
2	**Career Guidance On higher education (M.Tech/PG) by ACE academy**	06-10-23	Conducted for All Prefinal Year students
3	**Career Guidance on Future of Ece students by Mr. Teja Silisonous MD**	18-11-23	Conducted for All pre final Year Ece Students

On campus/Off campus/Pool Campuses Conducted over the 3 years

AY	On Campus	Off Campus	Pool Campus	Total
2021-2022	3	3	37	43
2022-2023	7	3	19	29
2023-2024	8	5	11	24

9.6 Entrepreneurship Cell (5) Total Marks 5.00

Institute Marks : 5.00

A. Entrepreneurship initiatives (1)

B. Data on students benefitted (4)

Introduction

Entrepreneurship Development Cell (EDC) is established and various events will be organized to know the importance of being an entrepreneur and ways to get financial assistance to become an entrepreneur and to motivate students to start their own venture instead of queuing up in the job market.

Functions of the cell:

1. To organize Entrepreneurship awareness camps, Entrepreneurship development programs.
2. To guide & assist prospective entrepreneurs on various aspects such as preparing project reports, obtaining project approvals, loans and facilities from agencies of support systems and information on various technologies.
3. To organize guest lectures, webinars, seminars etc. for promotion and growth of Entrepreneurship.
4. To arrange visits to industries for prospective entrepreneurs.
5. To extend necessary guidance and escort services to the trainees in obtaining approval and execution of their projects.
6. To render advice to stick enterprises and assist the entrepreneurs in rehabilitating them.

Facilities of the cell:

1. One Discussion room
2. Two internet connected PCs.
3. MOU (Memorandum of Understanding) with Incubators.
4. We provide maximum infrastructural facilities to the students, including various laboratories, hardware and software.
5. Special focus will be on early stage ideas and innovations which can be definitely converted to the products.
6. To arrange interaction with entrepreneurs and create a mentorship scheme for student entrepreneurs.

Management of the cell:

Cell comprises of one senior faculty as institution level coordinator, faculty as committee members along with student coordinators from each department.

S.No	Name of the Member	Department	Role
1	Dr. Md Abid Ali	Mech	Co-ordinator
2	Dr. G Tejaswi	ECE	Member
3	Dr. Ch S Sailaja	S & H	Member
4	Mr. K Venkateswara Rao	CSE	Member
5	Ms. D Khyathimai	Mech	Member
6	Mr. Md Umar	Civil	Member
7	T Baby Harshitha	ECE	Student Member
8	Sk Sahera Begum	CSE	Student Member
9	K B L Phani Kumar	MECH	Student Member
10	Abdul Athiqur Rahman	Civil	Student Member

Year Planner – Mapping With PO – Entrepreneur Development Cell (A.Y :: 2024-25)

S.NO	NAME OF THE ACTIVITY	ACTIVITY DATE	Remarks

1.	Workshop	03-11-2024	A ONE DAY WORKSHOP ON ENTREPRENEURSHIP SKILLS
2	Guest Lecture	13-02-2025	Guest Lecturer on Entrepreneurship and the Indian Ecosystem

Year Planner	PO1	PO2	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12
1	-	-	-	-	-	2	2	2	2	2	2	2
2	-	-	-	-	-	2	2	3	2	2	2	2

S.No	Date	Name of the Events	No of Participants	Remark
1	03-11-2024	Workshop	115	A ONE DAY WORKSHOP ON ENTREPRENEURSHIP SKILLS
2	13-02-2025	Guest Lecture	150	Final year ECE, CSE and Mechanical students attended a Guest Lecturer on “Entrepreneurship Development”

Year Planner – Mapping With PO – Entrepreneur Development Cell (A.Y :: 2023-24)

S.NO	NAME OF THE ACTIVITY	ACTIVITY DATE	Remarks
1.	Workshop	15/10/23	One day workshop on Entrepreneurship
2	Guest Lecture	7-03-2024	AWARENESS PROGRAM ON IPR

Year Planner	PO1	PO2	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12
1	-	-	-	-	-	2	2	2	2	2	3	2
2	-	-	-	-	-	2	2	3	2	2	2	2

S.No	Date	Name of the Events	No of Participants	Remark
1	15/10/23	Workshop	153	One day workshop on Entrepreneurship

2	7-03-2024	Guest Lecture	136	AWARENESS PROGRAM ON IPR

YEAR PLANNER – MAPPING WITH PO – ENTREPRENEUR DEVELOPMENT CELL (A.Y :: 2022-23)

S.NO	NAME OF THE ACTIVITY	ACTIVITY DATE	Remarks
1.	Seminar	29-10-2022	AMOTIVATIONAL SESSION ON Entrepreneurship
2	Workshop	01-04-2022	One day Workshop on Intellectual Property Rights

Year Planner	PO1	PO2	P03	P04	P05	P06	P07	P08	P09	P10	P11	P12
1	-	-	-	-	-	2	2	2	2	2	3	2
2	-	-	-	-	-	2	2	3	2	2	2	2

S.No	Date	Name of the Events	No of Participants	Remark
1	29-10-2022	Seminar	50	AMOTIVATIONAL SESSION ON Entrepreneurship
2	01-04-2022	Workshop	32	One day Workshop on Intellectual Property Rights

Guest Lecturer on “Entrepreneurship Development

Guest Lecture on EP & Startup in Indian Echo System

Impact Analysis:

The list of students benefitted through this committee and became Entrepreneur are:

List of students benefitted and became entrepreneurs

S.No	Name of the Student	Roll Number	Department	Batch	Details of the Organization
1	V Sunil Kumar	13MQ1A0157	CIVIL	2013-17	All India Maarg Consultancy, Hyderabad, Ph: 9494963623

9.7 Co-curricular and Extra-curricular Activities (10) Total Marks 10.00

Institute Marks : 10.00

A. Availability of sports and cultural facilities (3)

B. NCC, NSS and other clubs (3)

C. Annual students activities (4)

The Institution has a sports ground. There are well-equipped sports kits. Students are encouraged to participate in various zonal and inter-zonal tournaments. Students participate in inter and intra-collegiate and University tournaments. Sports day is celebrated with various indoor & outdoor sports such as Long Jump, Volleyball, Table Tennis, Cricket, Basketball, Chess, and Carrom, both for staff and students, as part of recreation.

Aim:

For the overall development of a professional to be placed in the highest realms, they have to be physically, mentally, emotionally, and intellectually top in their field. Our institute provides excellent sporting facilities and intensive sport programs to make the students improve in all situations and circumstances.

Objectives:

- To improve physical fitness and strength
- To improve competitive spirit
- Motivate the students to involve in physical activities and sports
- Feeling the sense of wellness of the students and staff by participating in sports.
- To make the students participate in the tournaments and loyalty to the college.
- To develop leadership quality and overall development by involving in sports

OUTDOOR FACILITIES:

Table 9.7.2.1: Dimension of sports facilities

Sl. No	Name of the Facility	Quantity	Dimension
1	Basket ball	1	28mtsx15mts
2	Cricket net practice	1	100ft
3	Ball badminton	1	24mts x12mts
4	Volley ball	3	18mts x9mts
5	Throw ball (women)	1	60ftx40ft
6	Kabbadi	2	13mts x10mts
7	Kho-Kho	1	27mts x16mts
8	Shuttle court	2	13.40mts x 6.10mts
9	Tennikoit court	2	12.20mts x5.50mts

INDOOR FACILITIES:

Sl. No	Name of the Facility	Quantity
1	Chess	8
2	Caroms	6
3	Table –Tennis	1

ATHLETICS:

Sl. No	Name of the Facility
1	Javelin Throw
2	Discus Throw
3	Shot put
4	Long Jump
5	High Jump
6	Parallel Bar
7	Horizontal Bar

A well-qualified physical director will manage all sport activities like
1. Cricket
2. Volleyball
3. Shuttle (Boys & Girls) – Singles & Doubles
4. Chess (Boys & Girls)
5. Carroms (Boys & Girls) – Singles & Doubles
6. Tennikoit (Girls)–Singles & Doubles
7. Throw Ball (Girls)
8. Athletics

Physical Director Details:

Table 9.7.2.2: Details of Physical Director

Sl. No	Name of the Physical Directors	Qualification
1	Dr .C.Salmon sudheer	M.A M.P.Ed Ph.D
2	S.Rama Krishna	M.A M.P.Ed
3	T. Ramesh	M.P.Ed

Composition of the Committee:

S.NO	FACULTYNAME/ STUDENT NAME	DEPARTMENT	DESIGNATION/ CLASS	POSITION
1	Dr .B.R.S Reddy	CSE	Principal	Chairman
2	CH. Giri Phani Kumar	Civil	Asst. Professor	Convener
3	N. Vinay Kumar	Civil	Asst. Professor	Member
4	D.Kiran Babu	ME	Asst. Professor	Member
5	N.Nagaraju	ECE	Asst. Professor	Member
6	S.Rajeswari	ECE	Asst. Professor	Member
7	Md.shamsheer	CSE/AI&ML	Asst. Professor	Member
8	D Aruna	CSE/AI&ML	Asst. Professor	Member

9	P.Purnima	S&H	Asst. Professor	Member
10	Dr.C.Salmon Sudheer	Physical Education	Physical Director	Member
11	S.Rama Krishna	Physical Education	Physical Director	Member
12	T.Ramesh	Physical Education	Physical Director	Member
13	K.Vinay Kumar	Civil	IV YEAR	Student Member
14	M.Keerthana	Civil	III YEAR	Student Member
13	A.Madhav	ME	IV YEAR	Student Member
14	V.Gunadeep	ME	III YEAR	Student Member
15	V. Lasya Sri	ECE	IV YEAR	Student Member
16	B. Bhargavi	ECE	III YEAR	Student Member
17	M. Kanaka Suresh	CSE/AI&ML	IV YEAR	Student Member
18	D.Lakshmi	CSE/AI&ML	III YEAR	Student Member
19	M.Vishal Kumar	S&H	IYEAR	Student Member
20	D.Harishitha	S&H	I YEAR	Student Member

Roles & Responsibilities of Committee Members

Role of the Coordinator

• Ensure all necessary tasks for day to day running of the game and sports activities of the college are carried out.
• Chair Committee Meetings ensuring that they are run efficiently and effectively
• Act as a signatory for the committee in all purposes.
• Serve as a spokesperson for the committee when required.
• Represent the committee and the college in matters involving the relevant Association.
• Submit an annual report to the committee.
• Ensure transparency in the related activities
• To perform any other related duty assigned by Director/ Principal of the institution.

Role of the Faculty Member

• Maintain records of the Committee and ensure effective management of committee's records.
• Maintain the committee membership list each year.
• Formulate and update the yearly calendar of events under the observation of co-ordinator of the committee.
• Communicate with respective Head of the Department regarding the activities of the cell.
• Identify the students who have leadership quality and propose their name to the coordinator as student representative.
• Report all the related activities to the coordinator of the committee.
• To develop awareness of sports and games and help developing sportsman spirit among the student

Role of the Student Member

• To identify interested students in games and sports.
• To help faculty members in organizing different events in Games and Sports.
• To follow up and implement the instructions given by Co-ordinator and Faculty members of the committee.
• To collect the data for each and every events under the guidance of the faculty member.

Role of the Physical Director:

• To maintain a stock ledger of all available items and equipments related to the cell.
• To ensure the purchase and service of any item or equipments related to the cell.
• To maintain and upkeep the sports facilities of the college including the ground.

• To provide First Aid facility during the sports and games activities.

Events or Activities held by Sports & Game Cell Cell for academic Year 2024-25

S.NO	NAME OF THE EVENT	DATE	VENUE	PARTICIPATION
1	SHOTPUT	02-08-2024	SVIET GROUND	56
2	LONG JUMP	003-08-2024		52
3	DISCS THROW	05-08-2024		37
4	THROW BALL	06-08-2024		38
5	VOLLEY BALL	16-08-2024		77

Figure 9.7.2.1: Student participation in sports & games

Arts/Cultural/Literary & Students Activity Centre:

Functions of the Cell:

1.To bring out hidden talents of the students.
2.To increase the social relationship in the college hence to mingle with society.
3.To encourage the students to express their inner feelings to the outside world.
4.To make the students more active in their academics by providing a platform for recreation and self-expression

Composition of the Committee:

Table9.7.3.1.1:Faculty members in committee (Arts/Cultural)

S. NO.	Name	Designation	Department
1.	Dr.B.R.S.Reddy	Chairman	Principal
2.	Mr.N.Anil Kumar.	Coordinator	M.Tech,CSE
3.	Mr.G.Nancharaiah	Member	M.Tech,CSE
4.	Ms.CH.Anusha	Member	M.Tech,Mech
5.	Mrs.K.Sowmya sri	Member	M.Tech,ECE
6.	Mr.D.Sridhar	Member	M.Tech,ECE
7.	Mr.M.Madhusudhan Rao	Member	M.Tech,CSE

Table9.7.3.1.2: Student members in committee (Arts/Cultural)

S. No.	Roll No.	Name of theStudent Member	Department
1.	22MQ1A0436	P.Bindu pavani	ECE-IIIYear
2.	22MQ1A05A0	S.Indu sri	CSE-III Year
3.	22MQ1A0444	T.Hema sri	ECE-III Year
4.	22MQ5A0303	A.Madhav	ME-IV Year

5.	22MQ1A0418	G.Praveen	ECE-IIIYear
6.	21MQ1A0527	R.Sravani	CSE-IV-Year
7.	21MQ1A0547	J.Nancharaiah	CSE-IV-Year
8.	23MQ1A0484	K.Siri naga sai sri	ECE-IIYear
9.	23MQ1A0532	M.Sravanthi	CSE-IIYear
10.	23MQ1A0570	B.Abhinaya	CSE-II Year
11	23MQ1A0301	D.Jashvanth	ME-II-YEAR
12	23MQ1A0301	K.Sumanth	ME-II-YEAR

Roles and Responsibilities:

The committee seeks to create a platform that provides the students with an opportunity to display creative talents in a variety of ways. Coordinator and faculty members shall discuss and decide the year plan for the events.
Coordinator assigns responsibilities for faculty and students.
Coordinator and members shall estimate the budget for an event to be conducted. Coordinator and faculty members coordinate with the students and conduct events committee coordinator solves the in disciplinary issues and takes necessary measures.
Coordinator shall select and nominate few of the students members for the discipline committee.

Facilities:

Students Activity Centre:

The Students Activity Centre is a central and important space in any Institution. It is used for all types of formal assemblies, lectures, award ceremonies, dramatic plays, dance and literary competitions and so on. It is crucial for all events that everyone in the room can hear everything that is delivered in a clear and enjoyable manner.

Open Air Theatre:

Open air theatre is a central point of attraction for the students where various events are organized. It is used for all types Cultural Activities - Dance, Theatre and Music and Literary competitions are also organized in Open Air Theatre.

Functions:

- The Cultural Committee shall be responsible for all intra and inter collegiate cultural events in the College.
- To prepare annual budget for all cultural events and take necessary steps for its approval.
- ToobtainformalpermissionfromtheCollegeauthoritiestoarrangeprogramtodecidethedate, time and agenda of the program.
- To inform members of staff and students about the eventtoarrangethevenueandlogistics(audio/video system, Dias, podium etc).
- To invite the Chief Guest and other dignitaries.
- Arrangements for guests and gifts/certificates for the participants.

Event:Activities held for the academic Year: 2023-24

Table9.7.3.2 Events or Activities held by SAC Cell for academic Year 2023-24

S.No	Date	Nameof the Event	No of Participants	Venue
1	10-08-2023	Tiranga –Dstrict Level Competitions	150	SVIET
2	05-09-2023	Teachers Day Celebrations	400	SVIET
3	05-09-2023	Krishnashtami Celebrations	1100	SVIET
4	20-10-2023	Fresher’s Day Celebrations	800	SVIET

5.	21-10-23	Dasara Mahostavamu	1800	SVIET
6	25-11-23	Karthika Deepostavamu	2000	SVIET
7	23-12-2025	Semi Christamas	1200	SVIET
8	12-01-2024	Sankrathi Sambaralu	2000	SVIET
9	27-02-2024	E-TV Josh program	300	SVIET
10	01-04-2024	Annual Day celebrations	2000	SVIET

National Service Scheme (NSS)

SRI VASVI INSTITUE OF ENGINEERING AND TECHNOLOGY, National Service Scheme (NSS) Unit No. 90214703C enrolls 250 NSS volunteers every year. The National Service Scheme (NSS) is an Indian government-sponsored public service program conducted by the Department of Youth Affairs and Sports of the Government of India. Popularly known as NSS, the scheme was launched in Gandhiji"s Centenary year, 1969. Aimed at developing students personality through community service, NSS is a voluntary association of young people in Colleges, Universities, and at +2 levels working for a campus-community linkage.

The cardinal principle of the NSS program is that it is organized by the students themselves, and both students and teachers, through their combined participation in community service, get a sense of involvement in the tasks of nation-building. Motto: "SERVE THE NATION."

SRI VASAVI INSTITUTE OF ENGINEERING AND TECHNOLOGY NSS Committee has been constituted With The following members

Committee Members

Table 9.7.1.1: Members of National Service Scheme (NSS) Committee for Academic year 2023– 24

S.No.	Name	Designation	Department
1	Dr.B.R.S.Reddy	Chairman	Principal
2	Mr.N.Anil Kumar	Program Officer	Assoc.Prof,CSE
3	Mr.M.Madhusudhan Rao	Member	Asst.Prof,CSE
4	Mr.G.Nanchraiah	Member	Asst.Prof,CSE
5	Mrs.CH.Anusha	Member	Asst.Prof,MECH
6	A. Sowmya Sri	Member	Asst.Prof,ECE
7	Mr.A.Praveen	Student Member	CSE
8	Siva Jyotsna	Student Member	AIML
9	Mr.P.Bindu Pavani	Student Member	ECE

NSS Program Officer Details:

Table 9.7.1.2: Details of NSS Program officer

Name of NSS Program officer	Mr. N. Anil Kumar
Qualification	M. Tech
Designation	Assoc. Professor
NSS Unit Code	90214703C

Aim of National Service Scheme(NSS)

The program aims to inculcate social welfare in students, and to provide service to society without bias.NSSvolunteersworktoensurethateveryonewhoisneedygetshelptoenhancetheirstandardof living and lead a life of dignity. In doing so, volunteers learn from people in villages how to lead a good life despite a scarcity of resources. It also provides help in natural and man-made disasters by providing food, clothing and first aid to the disaster victims.

Functions of NSS

- To encourage students to take active participation in social responsibilities.
- To arrange road shows and processions for creating awareness to people on certain health and social problems.
- To arrange Blood donation camps.
- Toorganizefreehealthcheck-upcampusbyinvitingwillingdoctorstothecampus.
- Toorganizespecial camping program.
- Toorganizeplantation programs.
- Theprogramaimstoinstalltheideaofsocialwelfareinstudents,andtoprovideservice tosociety without bias.
- NSS volunteers work to ensure that everyone who is needy gets help to enhance their standard of living and lead a life of dignity

- Making education more relevant to the present situation to meet the felt needs of the community andsupplementtheeducationoftheuniversity/collegestudentsbybringingthem facetofacewith the rural situation
- Providing opportunities to the students to play their role in planning and executing development projects which would not only help in creating durable community assets in rural areas and urban slums but also results in the improvement of quality of life of the economically and socially weaker sections of the community Encouraging students and non-students to work together along with the adults in rural areas
- Developing qualities of leadership by discovering the latent potential among the campers, both students as well as local youth (Rural and Urban), with a view to involve them more intimatelyin the development programme and also to ensure proper maintenance of the assets created during the camps
- Emphasizing dignity of labour and self-help and the need for combining physical work with intellectual pursuits
- Encouraging youth to participate enthusiastically in the process of national development and promote national integration, through corporate living and cooperative action.
- ToassistandguidetheNSS unit forimplementation ofNSS ProgramsatCollege level.
- To help in organizing camps, training and orientation programs for the NSS Program officers. To visit the NSS units for monitoring and evaluation.
- Conduct freemedical camps fornearbyvillages.
- Organize Awareness programs on various issues, e.g, swachhta bharath sanitation, pollution and environmental issues, social issues etc.,
- TopromoteCommunityeducationthroughmeetings,talks,newsbulletins,Discussions etc.,

Annual NSS Camps

- Annual Campsareheldannually,fundedbythegovernmentofIndia,andareusuallylocatedinarural village or a city sub Urban.Volunteers may be involved in such Activities as:
- CleaningAforestation
- Stage shows or a procession creating awareness of such issues as social problems, education andcleanliness.
- Invitingdoctors for health camps
- Crowdregulationduringfestivalseason
- Floodrelief operation
- Conductingadulteducationclass.

Details of College NSS Account:(PFMS) Name of the Bank: State Bank of India A/C number: 41665912325
IFSCcode: SBIN0020517
Address: Munjuluru, Pedana Mandal

Table 9.7.1.3: Bank details of the NSS unit for university correspondence (fund sanction & utilization)

S.No	Academic Year	Amount Sanctioned by JNTUK, Kakinada	Amount Spent	Balance
1	2023-24	36000	36000	Nil
2	2022-23	36000	36000	Nil
3	2021-22	27000	27000	Nil

NSS Special Camping Program:

Special Camping forms an integral part of the National Service Scheme. It has a special appeal to the youth as provides unique opportunities to the students for group living, collective experience sharing, and constant interact with the community. Special camping is organized generally on various developmental issues of national important In the past, the themes of the special camping programs have been „Youth for Rural Reconstruction" and ‚Health Youth for a Healthy India." Every year, 50 percent of the NSS volunteers are expected to participate in the spec camp, which is of seven days duration.

Event Reports:

The NSS Program officer of the institution will coordinate with the “NSS Coordinator of JNTUK, Kakinada in respect of various activities taken up and submit a report to him.

Table9.7.1.4: NSS Activities for the Academic Year 2023– 24

S.No.	Date	Name of the Activity	Description

01	21-06-2023	National Yoga Day Rally	The NSS Unit of SRI VASAVI INSTITUTE OF ENGINEERING AND TECHONOLOGY, NANDAMURU celebrated International Yoga Day, on June 21st, it is a global platform uniting people to promote yoga for physical, mental, and spiritual well-being. Originating in India, yoga fosters harmony between mind and body, and the day celebrates its transformative power and benefits.
02	10-08-2023	TIRANGA District Level Competitions	The NSS Unit of SRI VASAVI INSTITUTE OF ENGINEERING AND TECHONOLOGY, NANDAMURU. Tiranga Celebrations are organized in the college on 10-08-2023 from 10.00 A.M.The Indian National Flag represents the hopes and aspirations of the people of India. It is the symbol of our national pride. Over the last five decades, several people including members of armed forces have ungrudgingly laid down their lives to keep the tri-colour flying in its full glory.
03	26-08-2023	Mega Tree Plantation	The NSS Unit of SRI VASAVI INSTITUTE OF ENGINEERING AND TECHONOLOGY, NANDAMURU. Mega tree plantation initiatives, like the "Ten Billion Tree Tsunami" in Pakistan, are vital for combating climate change and restoring ecosystems, but require careful planning and community involvement to ensure success and avoid unintended consequences. These large-scale projects aim to sequester carbon, improve air quality, and enhance biodiversity, but must also address land rights and resource access to be truly sustainable.
04	27-09-2023	Blood Donation Camp	The NSS Unit of SRI VASAVI INSTITUTE OF ENGINEERING AND TECHONOLOGY, NANDAMURU. Blood donation is harmless and safe in the body. Rather, it is a social responsibility. The donor is donating for it as it will be used in saving lives of his fellow beings. He himself may use the same during his own need. MILLIONS OF people owe their lives to people whom they will never know or meet in their lifetime.

05	28-09-2023	Blood Grouping Camp	The NSS Unit of SRI VASAVI INSTITUTE OF ENGINEERING AND TECHONOLOGY, NANDAMURU. The event focused on educating the public about the importance of blood donation, the different blood groups, and the process of blood typing and donation. Trained medical personnel were present to conduct blood grouping tests and collect blood samples from willing donors. The camp also provided refreshments and rest areas for donors, ensuring a comfortable and safe experience. The success of the camp was evident in the positive response from the community, with many people expressing their willingness to donate blood and learn more about blood donation. The collected blood samples were sent to a local blood bank for storage and distribution to patients in need. This event served as a valuable reminder of the critical role blood donation plays in saving lives and strengthening community health.
06	11-10-2023	Amrit Kalash Yatra	The NSS Unit of SRI VASAVI INSTITUTE OF ENGINEERING AND TECHONOLOGY, NANDAMURU. Meri Maati Mera Desh (MMMD) campaign was kick started on 9th August 2023 encouraging people to pay their tributes to the Veers and Veeranganas who dedicated and sacrificed their lives for the nation. The campaign unfolded at Panchayat/Village, Block, Urban Local Body, State and National levels inviting people from across the country to participate in Meri Maati Mera Desh campaign through various activities such as construction of Shilaphalakams, creation of Amrit Vatikas, tree plantation, Veeron ka Vandan, and Panch Pran ceremony. After the huge success of phase one of MMMD, the second phase of MMMD campaign was launched on 1st September 2023 encouraging people from each District/Village to take part in Amrit Kalash Yatras. Amrit Kalash yatra was organized on 11th October 2023 in Nandamuru village.

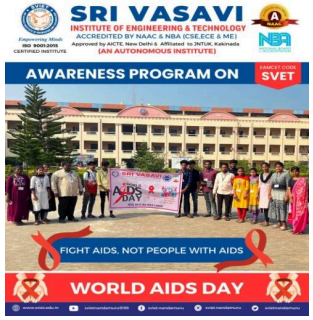
07	31-10-2023	National Unity Day	The NSS Unit of SRI VASAVI INSTITUTE OF ENGINEERING AND TECHONOLOGY, NANDAMURU. In **1984**, the Indian Government first declared to celebrate the birthday of Swami Vivekananda i.e. 12th January as National Youth Day. Since then the day has been celebrated as National Youth Day all over the country. The governments main aim is to make a better future for the country by motivating the youths through the way of their life and ideas of the Swami Vivekananda. It is a great way to wake up the eternal energy of the youth as well as to make the country develop. National Youth Day is also known as **Rashtriya Yuva Diwas** and is celebrated on the birth anniversary of Swami Vivekananda. The day creates awareness and provides knowledge about the rights of people in India. It is a day to educate people to behave properly in the country. The main objective behind the celebration is to make a better future for the country by motivating the youth and spreading the ideas of the Swami Vivekananda. National Youth Day is also famous as Yuva Diwas.
08	16-11-2023	AP Disha App Installation Camp	The NSS Unit of SRI VASAVI INSTITUTE OF ENGINEERING AND TECHONOLOGY, NANDAMURU. The DISHA app, developed by the Andhra Pradesh police, is a crucial tool for womens safety, allowing users to send SOS alerts to the police control room and designated contacts by shaking their phone or pressing a button, and also features "Track My Travel" for enhanced safety.
09	01-12-2023	AIDS Day Awareness Rally	The NSS Unit of SRI VASAVI INSTITUTE OF ENGINEERING AND TECHONOLOGY, NANDAMURU. AIDS is primarily HIV or the Human Immune deficiency Virus. This virus replicates itself into the human body by inserting a copy of its DNA into the human host cells. Due to such property and capability of the virus, it is also known as a retrovirus. The host cells in which the HIV resides are the WBCs (White Blood Cells) that are the part of the Human Immune system.
10	05-01-2024	National Voters Day Awareness camp	The NSS Unit of SRI VASAVI INSTITUTE OF ENGINEERING AND TECHONOLOGY, NANDAMURU. 25th January is the foundation day of the **Election Commission of India** (ECI) which came into existence in **1950**. This day was first celebrated in **2011** to encourage young voters to take part in the electoral process. No doubt it is the day to celebrate the right to vote and also the democracy of India. The Election Commissions main objective is to increase the enrolment of voters, especially the eligible ones.

11	24-01-2024	Voters Registration camp	The NSS Unit of SRI VASAVI INSTITUTE OF ENGINEERING AND TECHONOLOGY, NANDAMURU had organized Voters Registration camp near Grama sachivalayam , Nandamuru for the youth above 18 years. More than 100 members had participated in the camp and registered their Vote.
12	03-02-2024	Cancer Awareness Program	The NSS Unit of SRI VASAVI INSTITUTE OF ENGINEERING AND TECHONOLOGY NANDAMURU DR.RAJESH KOTA, oncologist, **SMC** Medical College, VIJAYAWADA spoke on breast cancer and explained the causes, symptoms and measures to be taken for early detection and latest advancements in treatment. The seminar gave a total awareness on Breast Cancer through the charts, videos and such other visual aids. The seminar discussed and clarified the doubts regarding the topic. A medical check-up was also a part of the program. The college participated in large numbers and could easily discuss their issues,ask for assistance and guidance regarding various issues.
13	05-03-2024	NariShakthi Fitness Camp	The NSS Unit of SRI VASAVI INSTITUTE OF ENGINEERING AND TECHONOLOGY NANDAMURU In Indian culture, women are an embodiment of power, Shakti and are the pillars of their families and communities. Yet, only a fraction of them prioritizes their own well-being, with limited awareness about the need for fitness. Every woman of the country needs to be fit, strong, healthy, and empowered to enable their contribution towards the vision of Viksit Bharat. The NariShakti Fitness Runs aim to ignite a desire of self-care, unleashing the Shakti within each woman, and creating a ripple effect of positive change that benefits families, communities, and the nation as a whole. In 2024, the International Women's Day is being celebrated on 8th March under the theme Invest in women: Accelerate progress", for the 50th time since its inception in 1975. In commemoration of the same, 25 women from each block will participate in the Nari Shakti Fitness Runs of 500m in each of the 6618 blocks of the country on 9 th March, 2024. These runs will also mark the grand finale of the block level sports meets being conducted by the NYKS across the country.

14	07-05-2024	Butter Milk Chalivendram	The NSS Unit of SRI VASAVI INSTITUTE OF ENGINEERING AND TECHONOLOGY, NANDAMURU Buttermilk is a fermented dairy beverage traditionally made by churning butter out of cream. Its characterized by its tangy flavor and creamy texture. Apart from being a refreshing drink, buttermilk offers numerous health benefits. Rich in probiotics, it aids digestion, supports gut health, and boosts immunity. Additionally, the calcium and vitamins in buttermilk contribute to bone strength and overall well-being.

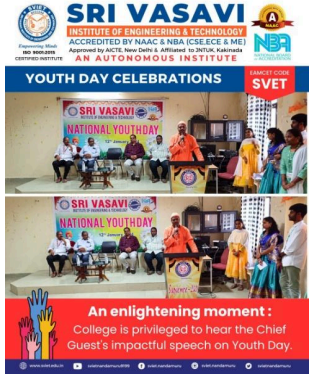
PHOTO GALLERY

TRIRANGA



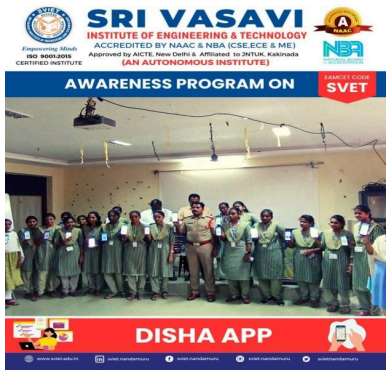
WORLD AIDS DAY

BLOOD DONATION CAMP



YOUTH DAY CELEBRATIONS

BUTTER MILK CHALIVENDHRAM



DISHA APP

VOTERS DAY

NATIONAL UNITY RALLY

Figure 9.7.1.1: Sample images of NSS Activities

10 GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES (120) — Total Marks 120.00

10.1 Organization, Governance and Transparency (40) — Total Marks 40.00

10.1.1 State the Vision and Mission of the Institute (5) — Institute Marks : 5.00

Vision :
To emerge as a premier engineering institution in rural India imparting values based education for the socio-economic upliftment.
Mission :
IM1: Provide the most creative learning environment for Technical Excellence of stakeholders IM2 : Promote industry-institute interaction for skill enhancement and to meet the industry needs IM3 : Create an environment to the stakeholders to be good citizens with integrity and morality. IM4 : Committed to improve technial excellence, ethical values continuously.

10.1.2 Governing body,administrative setup,functions of various bodies,service rules, procedures, recruitment and promotional policies (10) Institute Marks : 10.00

A. List of Governing Body, Composition, Senate and all te other academic and administrative bodies , their memberships, functions, and responsibilities, frequency of the meetings, participation details of external members and attendance therin (4)

B. The Published service riles, policies and procedures with year of publication (3)

C. Minutes of the Meetings and action - Taken reports (3)

Governing Body:

The Institute shall have a Governing body consisting of nine members from the promoting society, two faculty members, two academicians of high academic excellence, one representative of the state government and one representative from the affiliating university. The principal shall be the member secretary of Governing Body responsible for arranging Governing Body meeting and recording the resolutions of the same. The Governing Body shall meet at least once in a year.

Correspondent The Correspondent is the chief executive of the Institute. He co-ordinates between the sponsoring Society, Governing Body and the other systems of management in the college. Correspondent shall see

1. To represent SVIET in all transactions with the Governments, statutory bodies, other institutions or individuals concerned in all matters.

2. To authorize a person or a team of persons to represent him at University, CTE, AICTE, SRO and A.P State Government wherever necessary when he cannot attend in person.

3. To activate all the Programs of various cells formed in the Institute.

4. To issue the appointment orders to the Principal, teaching staff and other staff.

5. To sanction all kinds of leaves to the Principal.

6. (a) To open and operate the Bank accounts individually (or) jointly to accommodate the remittance of the college tuition fee and other fee collected from students.

(b) To maintain books of accounts in this regard.

7. (a) To maintain the Bank account jointly with Principal for students scholarships And staff salaries.

(b) To maintain the books of accounts in this regard.

8. (a) To open and operate a bank account jointly with the Principal for special fee

(b) To maintain the books of accounts in this regard

9. To pay salary bills and other bills of expenditure.

10. (a) Authorized to take decisions on such matters that need immediate compliance of action.

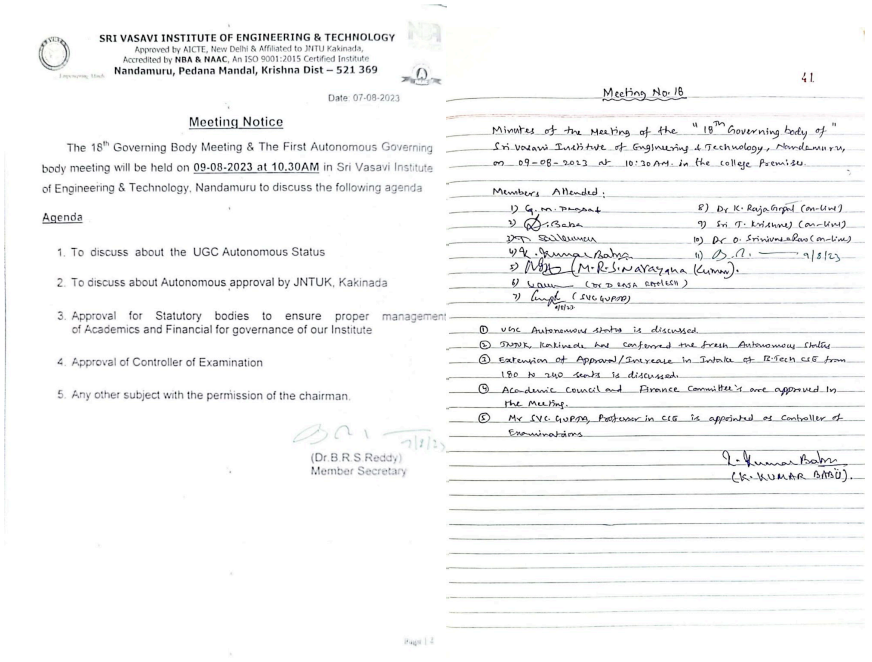
(b) To present such actions to the Governing Body in the subsequent meetings.

Members of Governing body Sri Vasavi Institute of Engineering and Technology

Sl.No.	Name of the Person	Designation	Position
1.	Sri G. Meher Prasad	Chairman, SVIET & President, SVES	Chairman
2.	Sri T. Meher Baba	Vice-President, A.P Rice Mill Industries; Secretary, SVES	Member
3.	Sri K. Kumar Babu	Former Project Manager, L & T; Former Sr.Project Manager, Texmaco group of Industries, Indonesia; Correspondent, SVIET	Member
4.	Sri D.Baba	Member, SVES; Executive Member, SVIET	Member
5.	Sri T. Sai Kumar	Member, SVES; Executive Member, SVIET	Member
6.	Dr. K. Raja Gopal	Retired Professor, IIT-Madras	Member
7.	Sri T. Krishna	Vice-President, L & T, Chennai	Member
8.	Dr. D. Raja Ramesh	Professor of Mech, SVIET	Member
9.	Sri SVC Gupta	Professor of CSE, SVIET	Member

Sl.No.	Name of the Person	Designation	Position
10.	Sri MRS Narayana Kumar	Administrative Officer	Member
11.	Prof A Gopala Krishna	Department of Mechanical Engineering, JNTU Kakinada	Member
12.	Dr. O. Srinivasa Rao	Professor of CSE,UCEK, JNTU Kakinada	Member
13.	Dr. B. Raja Srinivasa Reddy	Principal, SVIET	Member

Minutes of Meeting and Action-taken Sample report



SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY
Approved by AICTE, New Delhi & Affiliated to JNTU Kakinada,
Accredited by NBA & NAAC, An ISO 9001:2015 Certified Institute
Nandamuru, Pedana Mandal, Krishna Dist – 521 369

Date: 07-08-2023

Meeting Notice

The 18th Governing Body Meeting & The First Autonomous Governing body meeting will be held on 09-08-2023 at 10.30AM in Sri Vasavi Institute of Engineering & Technology, Nandamuru to discuss the following agenda

Agenda

1. To discuss about the UGC Autonomous Status
2. To discuss about Autonomous approval by JNTUK, Kakinada
3. Approval for Statutory bodies to ensure proper management of Academics and Financial for governance of our Institute
4. Approval of Controller of Examination
5. Any other subject with the permission of the chairman.

(Dr.B.R.S Reddy)
Member Secretary

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Meeting No. 18

Minutes of the Meeting of the "18th Governing body of" Sri Vasavi Institute of Engineering & Technology, Nandamuru, on 09-08-2023 at 10:30 AM. in the college Premises.

Members Attended:

1) G.M. Prasad
2) [illegible]
3) [illegible]
4) [illegible]
5) Sri M.R.S. Narayana (Kumar).
6) [illegible]
7) [illegible]
8) Dr. K. Raja Gopal (on-line)
9) Sri. T. Krishna (on-line)
10) Dr. O. Srinivasa Rao (on-line)
11) [illegible] 9/8/23

① UGC Autonomous status is discussed.
② JNTUK, Kakinada has conferred the Fresh Autonomous status
③ Extension of Approval/Increase in Intake of B.Tech CSE from 180 to 240 seats is discussed.
④ Academic Council and Finance Committee's are approved in the Meeting.
⑤ Mr. SVC. GUPTA, Professor in CSE is appointed as Controller of Examinations.

(K. KUMAR BABU).

Executive Directors (ED's)

ED'S mainly helps the college in the areas of Development of Education and Growth of Institution and they will be assisting the Correspondent in carrying out the duties assigned to him.

i) ED'S will advise the Correspondent and Principal on the matters, focusing on development of education and growth of the college.

ii) ED'S shall visit various departments and facilities and interact with the in-charges for on-hand assessment of the same.

iii) ED'S shall address the staff, students and other stake holders if required, preferably through Principal.

iv) ED'S shall actively participate in the visits of experts from regulatory authorities / inspection committees and important visitors

v) ED'S shall represent the college in various forums duly authorized by the Correspondent.

vi) ED'S shall involve in any other work incidental to carrying out the above functions

vii) ED'S shall also involve any other work of the college assigned to him in the interest of the college by the Correspondent or on his own initiative after duly informing and taking the permission of the Correspondent.

PRINCIPAL

The Principal is the chief ACADEMIC ADMINISTRATOR and a bridge between the Management, Staff and Students. He should be preferably of good academic, administrative personal standing with sufficient experience in engineering colleges. The Principal shall be a source of inspiration to the staff and students particularly in matters of discipline and commitment to the institution.

Functions of the Principal:

1. To assist the G.B and Correspondent in formulation of academic programmes, administrative policies, action plans for infrastructural development and schemes for institutional development.

2. To implement all decisions of the Correspondent with regard to academic affairs and administrative matters that are entrusted to him.

3. To ensure effective academic management, monitoring all academic activities like day-to-day academic work, periodical evaluation, achievement of good annual results etc.

4. a) To recommend the formation of various cells/committees for active pursuit of curricular, co-curricular and extra-curricular activities for the approval of the G.B.

b) To ensure the effective functioning of such activity cells/committees.

5. To enforce discipline among the students on the campus or off the campus as the situation demands, taking necessary measures with the help of the staff; and the guidance/help of the Management when needed.

6. To inculcate work culture and discipline among the staff so as to keep them as models for students as envisaged by the sponsoring society/G.B/Correspondent. Note: While enforcing discipline among the staff, the principal should act with due caution to protect the image and interests of the institution. The principal need to consult the Correspondent and take his consent regarding disciplinary measures particularly in cases of senior faculty members in higher cadres.

7. To spend the amount in consultation with respective ACTIVITY CELL / COMMITTEE on the approval of the correspondent

8. a)To open and operate a Bank account for Scholarships received from different sources including the State Government.

b) To maintain Books of Account for the scholarships.

9. The deans shall report to the Principal.

10. To prepare the budget for consideration and approval of the Governing Body.

11. To prepare salary statement and present it every month for the approval of the correspondent for disbursement.

12. To sanction leaves to staff as per leave rules, maintaining leave account.

13. To take steps for promotion of INDUSTRY-INSTITUTION INTERACTION and R&D work on his own or on the suggestions of the concerned Deans and Heads of the Department.

Deans

To help the Principal in academic administration, there shall be two Deans working in the Institute viz.,

1. Dean – Academics and Planning.
2. Dean – Monitoring and Student affairs.

The Designation Dean shall be used only when Professors hold these posts. In other cases they are called ‘Officers’

I) Dean – Academics and Planning. He shall look after

a) Time Tables

b) Central Library & Information Centre

c) Website/ICT/Internet Cell

d) NSS Cell e) Sports and Games

f) IQAC (Internal Quality Assurance Cell)

g) Arts & Cultural Cell

h) Dept. Association Coordination

i) Industry - Institution Interaction

II) **Dean- Monitoring and Student** affairs shall look after

a) Finance/Purchase/Store

b) Student Counseling / Grievances Redressal Cell

c) Sports & Games

d) EDC

e) Alumni

f) Professional Society & Coordination

Deans –Functions:

1. He is the overall in charge for the respective areas under him and he shall ensure the success of these programmes.

2. He will make recommendations to Principal on formulation of various cells for different areas he is in charge of.

3. He will convene meetings of those committees at least once in two months.

4. He shall submit reports to the Principal twice in a semester on the programs he is in charge of.

5. All the information, correspondence regarding the programmes coming under the purview of the dean shall be routed to him through principal.

6. Whenever necessary he shall convene a meeting of HODs concerning those programmes/Cells In the hierarchical order the Deans are between the Principal and HODs.

Coordinators:

Coordinators of all cells will report to their respective Deans/Principal.

HODs shall report to the Principal through Dean on matters that come under the purview of Dean.

The Deans will be guided by the policies of the college in the matters that come under their purview.

Duties of HODs

HOD is responsible for the functioning of that Department as per the laid down policies of the college. He will be consulting with Deans and reporting to Principal, in technical matters coming under the purview of the dean.

HOD will prepare budget estimation for the Department for its operation, maintenance and development.

HOD will constitute various committees to help in various matters. Preparing and submitting a report to the Principal on all matters.

He will be in-charge of all the academic and other Departmental activities of the department and will be reporting on this at the end of every semester.

HODs are given an impress money of Rs.5,000/- and they will utilize this for emergencies and unforeseen expenditures only.

He will allocate academic and other duties to the faculty/supporting staff members of his department.

HODs enjoy a level of autonomy to utilize the services of his faculty and supporting staff.

Decentralization in Working

The institution vision and mission as well as the decisions of the Governing Body are implemented by the Principal with the help of various Heads of Departments, Committee Coordinators for which the details are given as below.

Names of HODs of all Departments.

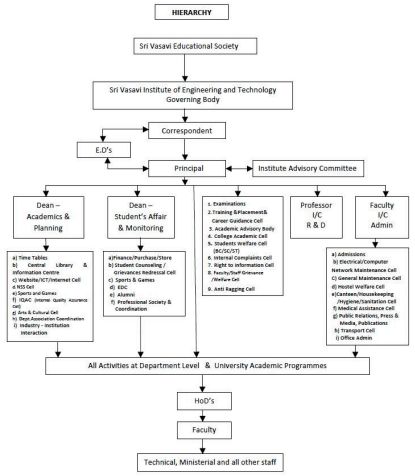
S No	Name of the HoD / Dean	Department / Area
1	Dr. G Syam Prasad	CSE
2	Dr. A Chandra Suresh	ECE
3	Dr. Md Abid Ali	ME
4	Mr. Ch Giri Phani	CE
5	Dr. K N Swamy	BS & H

Functions of Key Administrative Positions

Functions of key administration positions of SVIET

Administrative Setup:

Sri Vasavi Institute of Engineering and Technology is committed to achieving global standards and excellence teaching, research and consultancy by creating a conductive environment in the fields of technical, managerial, and professional with a global outlook, ensuring continuous improvement.



Committees:

Every committee shall have a coordinator and two or more members. Coordinator will be in charge of the committee and its programs. These committees assist the Deans/Principal in the discharge of their duties. Each activity given under the Dean will have a committee/Cell.

For ensuring participation of faculty, staff, students and other stakeholders, numbers of Committees are constituted.

Decentralization: A Senior member is deployed as Coordinator to look after each cell listed below:

List of Institutional Level Committees/Cells and its coordinators for 2024-25

Sl.No.	Name of the Cell	Name of the Coordinator
1	Internal Quality Assurance Cell	Sri P.Srikanth, Asst.Prof, S & H
2	Student Activity Cell	Sri N.Anil Kumar, Assoc.Prof, CSE
3	Student Counseling /Grievances Redressal Cell	Sri D.Adithya Kumar, Assoc.Prof CSS
4	Discipline Cell	Sri B.Srinivasa Rao , S&H
5	Women Empowerment /Grievance Cell	Mrs.K.Bhavani, Asst.Prof S&H
6	Internal Complaints Cell	Sri D.Adithya Kumar, Assoc.Prof CSS
7	Training & Placement& Career Guidance Cell	Sri D.Adithya Kumar, Assoc.Prof, CSS
8	Examinations/Admissions	Sri M.L.L.Phanikanth, Asst.Prof, S&H
9	NSS Cell	Sri N.Anil Kumar, Assoc.Prof, CSE
10	Sports & Games Cell	Sri D.Kiran babu, Asst.Prof Mech
11	E D C	Dr Abid ali, Prof Mechanical
12	Industry Institute Interaction Cell	Md Ameer Raza ,Asst.Prof,CSE

13	Alumni Coordination Cell	Dr. A.V.Raghuram, Assoc.Prof
14	Central Library & Information Centre	M. Prasanthi, Asst.Prof, CSE
15	Website/ICT/Internet Cell	Sri Md.Ahmed, Asst.Prof, CSE
16	Social Media	Sri M. Madhusudan Rao, Asst.Prof, CSE
17	R & D and Consultancy Cell	Dr A Chandra Suresh, Assoc.Prof, ECE
18	Professional Societies Coordination	Sri M.N.Vamsi Asst.prof CSE
20	Hostel Welfare Cell	Sri M S R Narayana AO
21	Canteen	N.Anil Kumar, Assoc.Prof, CSE
22	Housekeeping/Hygiene/Sanitation Cell	Sri M S R Narayana AO
23	Transport Cell	Sri D.Kiran Babu, Asst.Prof, Mech
24	Medical Assistance Cell	Sri K.Sukumar, Asst.Prof Mech
25	Electrical/Computer Network Maintenance Cell	Sri P.Srikanth , Asst.Prof ECE
26	Public Relations, Press & Media, Publications	Sri M S R Narayana AO
27	Students Welfare Cell (BC/SC/ST)	Sri D Sridhar, Assoc.Prof ECE
28	General Maintenance Cell	Sri K.Sai Sudheer, Asst.Prof ECE
29	Academic Advisory Body	Principal- Chairman
30	College Academic Cell	Principal- Chairman ,Dr Ch.S.Sailaja , Asst.Prof S&H
31	Right to Information Cell	Principal- Chairman, Sri S.V.C.Gupta, Professor, CSE
32	Faculty/Staff Grievance/Welfare Cell	Principal- Chairman, Sri P.V.Naresh , Asst.prof S&H
33	Anti Ragging Cell	Principal- Chairman, Sri P.V.Naresh , Asst.Prof S&H
34	Purchase/Stores Cell	Sri SVC Gupta, Professor CSE
35	Time Tables	Dr. G. Tejaswi, Assoc. Prof S & H
36	College Management system	Sri P.Ashok Kumar Asst Prof in CSE

GRIEVANCES REDRESSAL CELL

Management of the Cell:

Sl.No	Name of the Member	Position
1	**Sri D. Adithya Kumar, Assoc.Prof CSS**	**Coordinator**
2	Sri SK. Hidayatullah Asst Prof S&H	Member
3	Sri N Anil Kumar Assoc Prof CSE	Member
4	Smt D.Aruna Asst Prof, CSE	Member
5	Sri Ch Giriphani, Asst. Prof CIVIL	Member
6	Sri YRK Paramahamsa Asst Prof ECE	Member

7	Sri D. Kiran babu Asst Prof MECH	Member

Functions of the Cell:

1. The function of the cell is to look into the complaints lodged by any student, and judge its merit. The Grievance cell is also empowered to look into matters of harassment

2. Anyone with a genuine grievance may approach the department members in person, or in consultation with the class in-charge.

3. In case the person is unwilling to appear in self, grievances may be dropped in writing at the letterbox/ suggestion box of the Grievance Cell at Administrative Block. Grievances may also be sent through e-mail to the principal@sviet.edu.in or officer in-charge of Students' Grievance Cell.

4. The cases will be attended promptly on receipt of written grievances from the students. The Grievance Cell will act upon those cases which have been forwarded along with the necessary documents.

5. The Grievance Cell will assure that the grievance has been properly solved in a stipulated time limit provided by the cell

6. The cell formally will review all cases and will prepare statistical reports about the number of cases received. The cell will give report to the authority about the cases attended to and the number of pending cases, if any, which require direction and guidance from the higher authorities.

NATIONAL SERVICE SCHEME CELL

Management of the Cell:

S. No.	Name of the Member	Position
1	Mr.N.Anil Kumar, Assoc Professor ,CSE	NSS Programme Officer
2	Mr. M.Madhusudhan Rao, Asst Professor ,CSE	Member
3	Mr. G.Nancharaiah, Asst Professor ,CSE	Member
4	Mr. D.Sridhar, Assistant Professor ,ECE	Member
5	Ms. Ch.Anusha, Assistant Professor MECH	Member

Functions of the Cell:

1. Developing the civic and social responsibility.

2. Utilizing the knowledge in finding practical solutions to individual and community problems.

3. Developing the required competence to mingle with others and sharing the responsibilities.

4. Making to obtain the skills for mobilizing the community participation.

5. Preparing the students to acquire leadership qualities and democratic attitudes.

6. Developing the strengths to meet emergencies and natural disasters.

7. Create awareness among the public about the Government Schemes for their welfare.

ENTREPRENEUR DEVELOPMENT CELL

Management of the Cell:

S.No	Name of the Member	Position
1	Dr. Md Abid Ali, Assoc Prof, Mech	**Coordinator**
2	Dr. G Tejaswi, Assoc Prof, S & H	Member
3	Dr. Ch S Sailaja, Assoc Prof S & H	Member
4	Mr. K Venkateswara Rao, Asst Prof, CSE	Member

5	Ms. D Khyathimai, Asst Prof, Mech	Member
6	Mr. Md Umar, Asst Prof, Civil	Member

Functions of the Cell:

1. To develops entrepreneurship awareness among the students.
2. To organize skill development programs
3. To promote innovation creation and dissemination of new knowledge
4. To improve the managerial capabilities
5. Provide service, information and guidance to budding entrepreneurs.
6. Encourage non-corporate and unorganized sectors like education,rural development, small –scale industry etc.

WOMEN EMPOWERMENT CELL

Management of the Cell:

S.NO	Name of the Member	Position
1	Mrs. K. Bhavani, Asst. Professor, S&H	**Coordinator**
2	Mrs. P. Poornima, Asst. Professor, S&H	Member
3	Mrs. CH. Anusha, Asst. Professor , MECH	Member
4	Mrs. Reshma Sulthana, Asst. Professor, Civil	Member
5	Mrs. Shirisha, Asst. Professor, CSE	Member
6	Mrs. B. Pravalika, Asst. Professor, CSE	Member
7	Mrs. Sowmya Sree, Asst. Professor, ECE	Member
8	Mrs. S. Rajeswari, Asst. Professor, ECE	Member

Functions of the Cell:

1. To provide counseling and guidance to girl students on issues related to gender, harassment and violence.
2. To address and resolve complaints related to gender based issues such as harassment .violence or discrimination.
3. To organize seminars and workshops to raise awareness and sensitize the college community on issues related to women empowerment.
4. To provide career guidance and counseling to female students to help them to make informed decisions about their academic and professional careers.
5. To conduct safety audits of the college campus to identify the areas that may be unsafe for female students.
6. To organize self defense training programs for female students.

R&D CONSULTANCY CELL

Management of the Cell:

S.No	Name of the Member	Position
1	Dr. A. Chandra Suresh, Assoc Prof, ECE	**Coordinator**
2	Dr. M. Samba Siva Rao, Assoc Prof CSE	Member
3	Mr. K. Sowmya Sree, Asst. Prof ECE	Member

4	Mr. M. Bala Krishna, Asst Prof Civil	Member
5	Mr. K. Sukumar, Asst Prof Mech	Member
6	Mr. B. Srinivasa Rao, Asst. Prof S & H	Member

Functions of the Cell:

1. Facilitate multiple research areas covering heterogeneous research areas.
2. Enhance the quality and qualitative research process.
3. Amplify collaborative research with leading enterprises and industries
4. Involve students in the research by vertical migration strategy.
5. Focus of research on societal problems
6. Encourage young researchers for lifelong learning

INTERNAL QUALITY ASSURANCE CELL

Management of the Cell:

S. No.	Name of the Member	Position
1	Sri P.Srikanth, Asst.Prof, S & H	**Coordinator**
2	Sri P V Naresh Asst Prof S&H	Member
3	Smt T. Veena , CSE Asst Prof	Member
4	Sri KVM Sriram, Asst professor CIVIL	Member
5	Sri D. Sridhar , ECE-Assoc. Prof	Member
6	Smt Ch. Anusha, MECH-Asst Prof	Member

Functions of the Cell:

1. Ensuring academic and administrative activities meet established quality benchmarks and parameters to enhance overall institutional excellence.
2. Raising awareness among stakeholders about the importance of quality aspects in education and institutional development.
3. Organizing discussions and forums to explore and implement various quality parameters for continuous improvement in the institution.
4. Formulating quality policies for teaching, learning, research, and organizing workshops to enhance quality in education.
5. Creating an environment that prioritizes learners needs and adopts knowledge and technology for successful teaching and learning.
6. Upholding excellence and fostering innovation through active teaching and learning, critical thinking, and holistic education.

STUDENT ACTIVITY CELL

Management of the Cell:

S. No.	Name of the Member	Position
1	Sri N.Anil Kumar, Assoc.Prof CSE	**Coordinator**
2	Sri D. Sridhar Assoc. Prof. ECE	Member
3	Smt. K Sowmya sri Asst. Prof. ECE	Member
4	Sri M. Madhusudhan Rao Asst. Prof CSE	Member

5	Sri G. Nancharaiah Asst. Prof. CSE	Member
6	Smt B. Indra Devi Asst. Prof. CSE	Member
7	Smt M Sruthi Madhuri, Asst. Prof Civil	Member
8	Smt. Ch. Anusha Asst. Prof. Mechanical	Member
9	Smt. B. Mounika Asst. Prof. S&H	Member
10	Sri Hidayatullah Asst. Prof. S&H	Member
11	Sri U. Eswarkrisnanadh Asst. Prof. S&H	Member

Functions of the Cell:

1. To make students understand different mindsets, Students Activity Cell encourages active participation in diverse activities and events, fostering empathy and broadening perspectives.
2. To equip students with essential monitoring skills, SAC provides hands-on experiences in overseeing various tasks and events, fostering accountability and cultivating a keen eye for detail.
3. To foster a culture of active student participation, Students Activity Cell encourages students to take part in organizing and actively participating in a diverse range of events.
4. To empower students and help them overcome stage fear, Students Activity Cell provides a nurturing environment that encourages self-expression, fosters confidence.
5. Promoting student engagement and collaboration in cultural and arts endeavors, fostering creativity and expression for a vibrant campus community.
6. To provide students with opportunities to showcase their talents and interests, fostering a vibrant and inclusive campus community through diverse activities and performances.
7. To make students sensitive to their own culture, SAC organizes events and activities that celebrate diverse traditions and heritage, fostering cultural understanding and pride.
8. To facilitate a smooth transition, Students Activity Cell promotes a welcoming atmosphere where students can easily adjust and build strong bonds with their college friends.

TRAINING, PLACEMENT AND CAREER GUIDANCE CELL

Management of the Cell:

S.NO	Name of the Member	Position
1	D Adithya Kumar, Associate Professor, S & H	**Coordinator**
2	V.Bala Krishna, Asst Professor-CIVIL	Faculty Member
3	D Kiran Babu, Asst Professor-Mech	Faculty Member
4	G Karuna, Asst Professor ECE	Faculty Member
5	L Lakshmi Asst. Prof. ECE	Faculty Member
6	Sk. Mohiddin Ahmed, Asst Professor-CSE	Faculty Member
7	K Divya, Asst Professor-CSE	Faculty Member

Functions of the Cell:

Training Cell:

1. Collects and maintains the students' database for the purpose of T&P activities.
2. Enables the training need analysis for all the students basing on the same, plans for imparting the necessary skills such as soft skills and technical skills.
3. Arranges for an interaction with industry and bridges the gap between Institute and industry.
4. Arranges the special sessions for providing the contemporary trends and developments in the technology and tools to the students.
5. The Training Cell conducts lectures on personality development, communication skills and conducts mock sessions for improving presentation skills.
6. Assists companies in the recruitment process by conducting interviews, group Discussions, Written tests etc. in the Campus.
7. Training given exclusively to the students for the MNCs.

Placement Cell:

8. Collects and maintains the students' database for the purpose of Placement activities.
9. Holds the responsibility for identifying placement opportunities across reputed Organizations.

10. Inviting the corporate companies to the College Campus for recruitments.
11. Coordinates with Training Head for identifying the training requirements related to Soft and communication skills.
12. Conducts Campus Drives with help of department coordinators and volunteers.

CAREER GUIDANCE Cell:

13. To give training and guidance to students on career related matters and assist them in Exploring new opportunities.
14. To organize Career guidance and motivational lectures by Alumni, entrepreneurs, External guests and faculty.
15. To display various job advertisement coming in employment news, opportunities and Career columns in leading news papers.

SPORTS & GAMES CELL

Management of the Cell:

S.NO	Name of the Member	Position
1	CH.Giri Phani Kumar, Asst. Professor Civil	**Coordinator**
2	N. Vinay Kumar, Asst. Professor Civil	Member
3	D.KiranBabu, Asst. Professor, ME	Member
4	N.Nagaraju, Asst. Professor, ECE	Member
5	S.Rajeswari, Asst. Professor, ECE	Member
6	Md.shamsheer, Asst. Professor CSE/AI&ML	Member
7	D Aruna, Asst. Professor CSE/AI&ML	Member
8	P.Purnima, Asst. Professor	Member
9	Dr.C.SalmonSudheer, Physical Director	Member
10	S.Rama Krishna, Physical Director	Member
11	T.Ramesh, Physical Director	Member

Functions of the Cell:

1. To encourage the students to participate very actively in organising and conducting various sports and games in the college.
2. To motivate the students to actively participate in various sports and games competitions outside the college.
3. To develop the spirit of sportsmanship among students.
4. To make the students aware about the benefits of physical exercise to maintain a good physical and mental health
5. To sort out any sports related issues.
6. To schedule events/planner for the academic year in consultation with the Student's representative and management.
7. To inculcate the value of keeping good health and mind by participating in lectures / seminars related to Sports & Games.
8. To develop students with a variety of activity that will enhance lifelong learning and participation
9. To promote physical excellence.
10. To develop individual/team skills.

10.1.3 Decentralization in working and grievanceredressal mechanism (10)

Institute Marks : 10.00

A. List the names of the faculty members who have been delagated powers for taking adminstrative decisions (1)

Decentralization in working and Grievance Redressal mechanism

Decentralization in Working

The institution vision and mission as well as the decisions of the Governing Body are implemented by the Principal with the help of various Heads of Departments, Committee Coordinators for which the details are given as below.

10.1.3.1 Names of HODs of all Departments.

S No	Name of the HoD / Dean	Department / Area
1	Dr. G Syam Prasad	CSE
2	Dr. A Chandra Suresh	ECE
3	Dr. Md Abid Ali	ME
4	Mr. Ch Giri Phani	CE
5	Dr. K N Swamy	B S & H

For ensuring participation of faculty, staff, students and other stakeholders, numbers of Committees MBA are constituted as indicated below:

Table 10.1.3.2: List of Institutional Level Committees/Cells and its coordinators for 2024-25

Sl. No.	Name of the Cell	Name of the Coordinator
1	Internal Quality Assurance Cell	Sri P.Srikanth, Asst.Prof, S & H
2	Student Activity Cell	Sri N.Anil Kumar, Assoc.Prof, CSE
3	Student Counseling /Grievances Redressal Cell	Sri D.Adithya Kumar, Assoc.Prof CSS
4	Discipline Cell	Sri B.Srinivasa Rao , S&H
5	Women Empowerment /Grievance Cell	Mrs.K.Bhavani, Asst.Prof S&H
6	Internal Complaints Cell	Sri D.Adithya Kumar, Assoc.Prof CSS
7	Training & Placement& Career Guidance Cell	Sri D.Adithya Kumar, Assoc.Prof, CSS
8	Examinations/Admissions	Sri M.L.L.Phanikanth, Asst.Prof, S&H
9	NSS Cell	Sri N.Anil Kumar, Assoc.Prof, CSE
10	Sports & Games Cell	Sri D.Kiran babu, Asst.Prof Mech
11	E D C	Dr Abid ali, Prof Mechanical
12	Industry Institute Interaction Cell	Md Ameer Raza ,Asst.Prof,CSE
13	Alumni Coordination Cell	Dr. A.V.Raghuram, Assoc.Prof
14	Central Library & Information Centre	M. Prasanthi, Asst.Prof, CSE
15	Website/ICT/Internet Cell	Sri Md.Ahmed, Asst.Prof, CSE
16	Social Media	Sri M. Madhusudan Rao, Asst.Prof, CSE
17	R & D and Consultancy Cell	Dr A Chandra Suresh, Assoc.Prof, ECE
18	Professional Societies Coordination	Sri M.N.Vamsi Asst.prof CSE
20	Hostel Welfare Cell	Sri M S R Narayana AO

21	Canteen	N.Anil Kumar, Assoc.Prof, CSE
22	Housekeeping/Hygiene/Sanitation Cell	Sri M S R Narayana AO
23	Transport Cell	Sri D.Kiran Babu, Asst.Prof, Mech
24	Medical Assistance Cell	Sri K.Sukumar, Asst.Prof Mech
25	Electrical/Computer Network Maintenance Cell	Sri P.Srikanth , Asst.Prof S & H
26	Public Relations, Press & Media, Publications	Sri M S R Narayana AO
27	Students Welfare Cell (BC/SC/ST)	Sri D Sridhar, Assoc.Prof ECE
28	General Maintenance Cell	Sri K.Sai Sudheer, Asst.Prof ECE
29	Academic Advisory Body	Principal- Chairman
30	College Academic Cell	Principal- Chairman ,Dr Ch.S.Sailaja , Asst.Prof S&H
31	Right to Information Cell	Principal- Chairman, Sri S.V.C.Gupta, Professor, CSE
32	Faculty/Staff Grievance/Welfare Cell	Principal- Chairman, Sri P.V.Naresh , Asst.prof S&H
33	Anti Ragging Cell	Principal- Chairman, Sri P.V.Naresh , Asst.Prof S&H
34	Purchase/Stores Cell	Sri SVC Gupta, Professor CSE
35	Time Tables	Dr. G. Tejaswi, Assoc. Prof S & H
36	College Management system	Sri P.Ashok Kumar Asst Prof in CSE

ANTI–RAGGING COMMITTEE

Functions:

1. To publicize to all students and relevant directives and the actions that can be taken against those indulging in Ragging. Constitute anti- ragging committees/squads to make surprise visits and takes effective steps prevent ragging.
2. Oversee the procedure of obtaining undertaking from the students in accordance with the provisions. Construct workshops against ragging menace and orient the students.
3. To Provide students the information pertaining to contact address and telephone numbers of the person(s) identified to receive complaints/distress calls. To take all necessary measures for prevention of ragging inside the campus/Hostels.

Composition & Committee Members:

a) Committee Composition:

- One senior faculty as coordinator.
- One Legal adviser
- One from Police Department
- All HODs and Senior faculty
- Two second year students
- Two first year students
- One parent of first year student

b) Committee Members:

Table 10.1.3.3.1: Anti-Ragging Committee and its members for the academic year 2024-25

Faculty Members:

S.NO	NAME	DESIGNATION & DEPARTMENT	POSITION

1.	Dr. B.R.S Reddy	Principal	Chairman
2.	Mr. B. Srinivasa Rao	Coordinator	B S &H
3.	Dr. D. Raja Ramesh	Vice Principal	Member
4.	Smt. Tadepalli. Syamala	Legal Expert	Member
5.	**Sri. G. Satyanarayana**	Sub-Inspector of Police	Member
6.	Mr.Ch. Giriphani Kumar	HoD CE	Member
7.	Dr Abid Ali	HoD MEC	Member
8.	Dr G. Syam prasad	HoD CSE	Member
9.	Dr A. Chandra Suresh	HoD ECE	Member
10.	Dr. K.N Swamy	HoD S&H	Member
11.	Mr. J. Venkatesh	Asst Prof, CE	Member
12.	Mr. D. Kiran babu	Asst Prof, ME	Member
13.	Mr. P. Srikanth	Asst Prof, S & H	Member
14.	Sri. Ch. Swathi	Asst Prof, CSE	Member
15.	Mr. M. Narayana	Administrative Officer	Member
16.	Mrs. Jhansi Priya	Hostel Warden	Member
17.	Dr. C. Salman sudheer	Physical Director	Member
18.	Mr. S. R.K. Parama Hasma	Physical Director	Member
19.	Mr. T. Ramesh	Physical Director	Member

c) Student Members:

S. No	Roll No	Name of the Student	Branch
1	23MQ1A05N8	R. Nagasai	II B.Tech CSE
2	24MQ5A0349	U. Pavan Kumar	II B.Tech ME
3	24MQ1A0411	CH. Raajitha	I B.Tech ECE
4	24MQ1A05I1	CH. Rakesh Babu	I B.Tech CSE

d) Parent Member:

S. No	Roll No	Name of the Student	Branch
1	24MQ1A05A5	P. Rajasekhar	Parent(F/O-24MQ1A05A5)

Roles &Responsibilities:

The Institute has set up an Anti-Ragging Committee under the leadership of the Head of the Institute to ensure that measures for prevention of ragging and monitoring mechanisms are in place. There are also provisions for actions to be taken against students for indulging in and abetting ragging.

1. Vigilant at all hours all around the campus and other places vulnerable to incidents of and having the potential of ragging and shall be empowered to inspect such places.
2. Make surprise raids at all places vulnerable to incidents along those that are having the potential for ragging.

3. Conduct an on-the-spot enquiry into any incident of ragging referred to it by the faculty or student or parent or guardian as the case may be, and submits the enquiry report along with recommendations to the Head of the Institution for immediate action.
4. Ensure the display of Anti-Ragging posters on Institutional and departmental Notice Boards and other prominent places of students" movements.
5. Ensure measures to see that Anti-Ragging Squad regularly makes rounds in the campus to effectively monitor the students behavior in the campus.
6. Offer services of counseling and create awareness to the students on the impacts and consequences of Ragging.
7. Set up a Suggestion Box and place it in the college to help the students to drop complaints or any kind of problems.
8. Initiate timely action against students violating/erring the Anti-Ragging Policy.
9. Sensitize students about the evils of ragging and its prevention in the Campus by organizing Awareness talks/ programmes.
10. Address complaints about ragging as per the Govt. and University procedures.
11. Maintain the records and file all the activities conducted and submit the same to the IQAC Committee

Year Planner for the Academic Year2024-25

Table10.1.3.3.2 Year planner of Ant-Ragging Committee for academic year 2024– 25

S. No.	Name of the Event	Date/dates	Name of the Organization	Department
1.	Awareness Programme On Ragging menace	August1nd week.	Police Department	I & II B Tech Students
2.	Personality Development Programme	JAN3rd Week	Motivational speaker	I & II B Tech Students

Events/Activities Organized for the AcademicYear2024-25(CAYm1)

Table10.1.3.3.3 Events/Activities Organized by Anti-Ragging Committee for Academic Year2024–25

S. No.	Name of the Faculty	Area/Topic	Resource Person	Course/Class	Date	No. of Participants
1.	Mr. B. Srinivasa Rao	Awareness Programme on Ragging Laws	Sri. N.V RAMANJANEYULU, Addl. Superintendent of Police, Krishna Dist. AP	I & II B Tech Students	08/08/2024	450
2.	Mr. N. Anil Kumar	Personality Development Programme	Swamy Atma Shraddhananda Ramakrishna Mission, Kanpur	I & II B Tech Students	09/01/2025	255

Image Gallery:

Awareness Programme on Ragging Laws

Student Counseling Cell:

Functions of Cell

1. The function of the cell is to look into the complaints lodged by any student, and judge its merit. The Grievance cell is also empowered to look into matters of harassment.

2. Anyone with a genuine grievance may approach the department members in person, or in consultation with the class in-charge.

3. In case the person is unwilling to appear in self, grievances may be dropped in writing at the letterbox/ suggestion box of the Grievance Cell at Administrative Block. Grievances may also be sent through e-mail to the principal@sviet.edu.in or officer in-charge of Students' Grievance Cell.
4. The cases will be attended promptly on receipt of written grievances from the students. The Grievance Cell will act upon those cases which have been forwarded along with the necessary documents.

5. The Grievance Cell will assure that the grievance has been properly solved in a stipulated time limit provided by the cell.

6. The cell formally will review all cases and will prepare statistical reports about the number of cases received. The cell will give report to the authority about the cases attended to and the number of pending cases, if any, which require direction and guidance from the higher authorities.

Facilities of the Cell

1. Seminar Hall (B1-114) with seating capacity of 200 to conduct Interactive sessions

2. One room (B1-007) for lodging complaints

3. One computer with printer.

4. If any person is unwilling to appear in self, grievances may be dropped in writing at the letterbox/ suggestion box of the Grievance Cell across the institute.

5. Medical facility.

6. Grievances may also be sent through e-mail to the officer in-charge of Students "Grievance Cell".

Management – Composition & Committee Members:

Committee Composition:

One senior faculty will act as Coordinator; faculty members were identified and appointed as members of their respective departments.

Committee Members

All the committee members were chalk out a plan of action and make sure that all the activities are going smooth Committee Members

S.No.	Name	Designation	Department	Role
1	Mr. D. Adithya Kumar	Assoc. Professor	CSS	Coordinator

2	Mr. SK. Hiadatullah	Asst. Professor	S&H	Member
3	Mr. N Anil Kumar	Associate Professor	CSE	Member
4	Mrs. D. Aruna	Asst Professor	CSE	Member
5	Mr. Ch Giriphani	Asst Professor	CIVIL	Member
6	Mr. Y Paramahamsa	Asst Professor	ECE	Member
7	Mr. D. Kiran babu	Asst Professor	MECH	Member

ROLES AND RESPONSIBILITIES

Roles of the Coordinator

1. Arranges the meeting for the committee members periodically.

2. Maintains minutes for every meeting he had with committee members.

3. Make resolutions during gathering of committee members.

4. Provides environment for lodging the complaints from the student and others.

5. Considering the nature and depth of the grievances due inquiry is made by the members of the cell and through personal discussion the matter is solved. If anybody is found to be guilty for any kind of nuisance he or she is given punishment with due consideration with the principal. The nature of punishment, information to the police (if situation arises for so) and expelling from the college as per the rule of the institute.

6. Furnish report on grievance redressal position to the principal.

Roles of the Faculty Member

1. The responsibility of the faculty member of a grievance redressal cell is to discuss about grievances lodged by the students and others.

2. The grievance Redressal cell expects that grievance Redressal be time bound and result oriented. Every grievance is expected to be resolved within a reasonably period.

3. The grievance redressal cell of the college shall monitor status and progress of grievance redressal and shall furnish report on grievance redressal position to the Co-ordinator.

Roles of the Student Member

1. In case of any grievance the members of the cell are empowered to sort out the problems at their level through discussion with students.

2. In case the members fail to find out any solution then the matter is referred to the principal for final commitment on the matter.

B. Specify the mechanis, and composition of Grievance Redressal Cell (3)

Grievance Redressal Cell

Functions:

1. To provide counseling and guidance to girl students on issues related to gender, harassment and violence

2. To address and resolve complaints related to gender based issues such as harassment .violence or discrimination

3. To organize seminars and workshops to raise awareness and sensitize the college community on issues related to women empowerment

4. To provide career guidance and counseling to female students to help them to make informed decisions about their academic and professional careers.

5. To conduct safety audits of the college campus to identify the areas that may be unsafe for female students

6. To organize self defense training programs for female students

Management – Composition & Committee Members:

a) Committee Composition

The composition of the committee comprises

1. One Coordinator for all the members.

2. One Faculty member from Science & Humanities

3. One faculty member and two students from Department of Civil Engineering.

4. Two faculty members and two students from Department of Electronics and Communications Engineering.

5. Two faculty members and Four students from Department of Computer Science Engineering.

6. One faculty member from Department of Mechanical Engineering

b) Committee Members

S.NO	NAME	DESIGNATION & DEPARTMENT	POSITION
1	Mrs. K. Bhavani	Asst. Professor, S&H	Coordinator
2	Mrs. P. Poornima	Asst. Professor, S&H	Member
3	Mrs. CH. Anusha	Asst. Professor , MECH	Member
4	Mrs. Reshma Sulthana	Asst. Professor, Civil	Member
5	Mrs. P. Sirisha	Asst. Professor, CSE	Member
6	Mrs. M. Pravallika	Asst. Professor, CSE	Member
7	Mrs. K. Sowmya Sri	Asst. Professor, ECE	Member
8	Mrs. S. Rajeswari	Asst. Professor, ECE	Member
9	CH. Seha Sai Srija	21MQ1A0453	Student Member
10	P. Bindu pavani	22MQ1A0436	Student Member
11	G. Sowjanaya	22MQ1A0571	Student Member
12	Lavanya	22MQ1A4244	Student Member
14	K. Bhavana Sri	22MQ1A05F1	Student Member
15	V. Lahari	23MQ1A0506	Student Member

16	A Priyanka	24MQ5A0101	Student Member
17	Ch Sravani	24MQ5A0103	Student Member

ROLES & RESPONSIBILITIES OF COMMITTEE MEMBERS

A. Coordinator

1. To organize seminars to conduct to Develop & implement programs that promote womens empowerment & gender sensivity.

2. To Organize workshop, seminars on issues like gender equality, legal right & self-defense.

3. Ensure a safe & secure environment for girl students in the college.

4. Conduct gender sensitization programs for girls students

5. Maintain records of activities conducted by the women empowerment cell.

B. Faculty Member

1. Conduct lectures and discussions on gender equality, women rights, and related social issues.

2. Act as a mentor to female students providing academic and professional guidance

C. Student Member

1. Representing student concerns relates to gender issues

2. Attending training sessions on women s rights ,digital safety and mental health

3. Learning from guest lectures and panel discussions by successful women leaders

Year Planner for the Academic Year 2024-25 (CAY)

S.NO	NAME OF THE ACTIVITY	Tentative date
1	Self Defence classes	30-07-2024
2	Orientation Programme on WEC	06-08-2024
3	Mentoring to the Girls student	30-9-2024
4	Rangoli competitions	11-01-2025
5	Yoga classes	06-03-2025
6	Women’s day celebrations	07-03-2024

Events / Activities Organized for the Academic Year 2024-25 (CAY)

S.NO	NAME OF THE ACTIVITY	Conducted date
1	Self Defence classes	30-07-2024
2	Orientation Programme on WEC	06-08-2024
4	Rangoli competitions	11-01-2025
5	Yoga classes	06-03-2025
6	Women’s day celebrations	07-03-2025

Events / Activities Organized for the Academic Year 2023-24 (CAYm1)

S.NO	NAME OF THE ACTIVITY	Conducted date

1	Awareness on WEC	11-10-2023
2	Rangoli competitions	11-01-2024
3	Self Defence classes	02-02-2024
4	Women’s day celebrations-competitions	08-03-2024

C. Action taken report as per specified mechanism and composition of groevance redressal cell (7)

Grievances Received and Resolved

Table 10.1.3.5.3 Received Grievances Resolved by Student Counselling Committee during assessment period

Academic Year	No of Applications Received	No of Grievances Resolved	Minimum Time of Redressal	Avg Time of Redressal
2024-25	12	11	2 Days	4 Days
2023-24	16	10	2 Days	4 Days
2022-23	10	8	2 Days	6 Days
2021-22	10	10	2 Days	5 Days

10.1.4 Delegation of financial powers (10)

Institute Marks : 10.00

A. Financial Powers delegated to the Principal, Heads of Department and relevant in-charges (3)

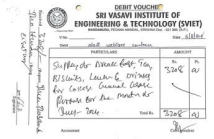
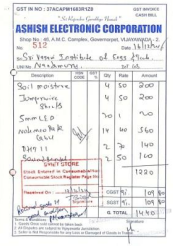
In accordance with the Institution Rules and the management has agreed to delegate the following financial powers to the Principal and Head of the Departments to facilitate them.

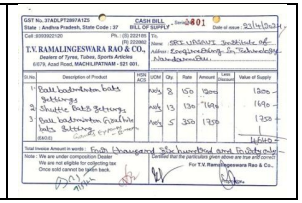
Table 10.1.4.1 Delegation of financial power to Principal, HoD"s, Controller of Examinations & Committee Coordinator.

S.No	Designation	Financial Power	Purpose
1	Principal	Rs. 1,00,000/-	To purchase consumables, Stationery, Expenditure connected with the conduct of Seminars, Workshops and other petty contingent expenditure connected with academic activity
2	HOD	Rs. 20,000/-	To purchase consumables and other petty Contingent Expenditure.
3	Controller of Examinations	20,000/-	To purchase consumables, Stationery and other petty contingent expenditure
4	Committee Coordinator	Rs.5,000/-	Towards event planning

B. Demonistrate the utilization of financial powers for each of the Assessment Years (7)

Sample Utilization of Impressed Amounts

S. No	Category	Purpose	Sample Voucher/Bill
1	Principal	Staff Meeting Refreshements	
2	Head of the Department	Lab Consumables by ECE Department	
3	Control of Examination	Stationary	

4	Cell Coordinator	Sports & Games Cell Consumables	

10.1.5 Transparency and availability of correct/unambiguous information in public domain (5) Institute Marks : 5.00

A. Information on the Policies, rules, process is to be made available on website (2)

B. Dissemination of the information about student, faculty and staff (3)

The institution communicated its quality assurance policies, mechanisms and outcomes through college magazine, newsletters, publications and website. The entire information about the institution is transparent to all stake holders and is available at website: www.sviet.edu.in (http://www.sviet.edu.in/) is available with total transparency of information including circulars, AICTE Compliance Report, events in the Institute, placements, exams and academic calendar etc.

10.2 Budget Allocation, Utilization, and Public Accounting at Institute level (30) Total Marks 30.00

Summary of currentfinancial year's budget and actual expenditure incurred(for the institution exclusively)in the three previous financial years :

Total Income at Institute level: For CFY,CFYm1,CFYm2 & CFYm3
CFY : (Current Financial Year),
CFYm1 : (Current Financial Year minus 1),
CFYm2 : (Current Financial Year minus 2) and
CFYm3 : (Current Financial Year minus 3)

Table 1 - CFY 2024-25

Total Income 117599250				Actual expenditure(till…): 117234067			Total No. Of Students 1707
Fee	Govt.	Grants	Other sources(specify)	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
111562292	0	0	6036958	109093285	8140782		68678.42

Table 2 - CFYm1 2023-24

Total Income 104364583				Actual expenditure(till…): 104014069			Total No. Of Students 1568
Fee	Govt.	Grants	Other sources(specify)	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
98481854	0	0	5882729	96856933	7157136		66335.50

Table 3 - CFYm2 2022-23

Total Income 95907976				Actual expenditure(till…): 101902817			Total No. Of Students 1368
Fee	Govt.	Grants	Other sources(specify)	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
93015217	0	0	2892759	93760037	8142780		74490.36

Table 4 - CFYm3 2021-22

Total Income 96291542				Actual expenditure(till…): 96291542			Total No. Of Students 1319
Fee	Govt.	Grants	Other sources(specify)	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
93693024	0	0	2598518	89521343	6770199		73003.44

Items	**Budgeted in 2024-25**	**Actual Expenses in 2024-25 till**	**Budgeted in 2023-24**	**Actual Expenses in 2023-24 till**	**Budgeted in 2022-23**	**Actual Expenses in 2022-23 till**	**Budgeted in 2021-22**	**Actual Expenses in 2021-22 till**
Infrastructure Built-Up	1350000	1279822	1470000	1467312	2400000	2395149	1400000	1376818
Library	1500000	1403907	1430000	1426664	1175000	1163594	1275000	1273231

Laboratory equipment	4965000	4936410	3870000	3824594	4217000	4198541	3585000	3569931
Laboratory consumables	6035000	6007514	4450000	4403175	4125000	4095612	3522000	3452122
Teaching and non-teaching staff salary	57000000	56429958	50000000	49572630	44250000	44201979	48500000	48345120
Maintenance and spares	19720000	19624835	15990000	15917073	21175000	21010431	16195000	16107078
R&D	1965000	1924550	1885000	1865230	1580000	1549090	1840000	1823450
Training and Travel	595000	576220	1035000	1003200	1505000	1490430	1215000	1191645
	435000	422476	665000	646826	478000	451990	600000	572329
Others, specify	25000000	24628375	24000000	23887365	21350000	21346001	18600000	18579818
Total	**118565000**	**117234067**	**104795000**	**104014069**	**102255000**	**101902817**	**96732000**	**96291542**

10.2.1 Adequacy of budget allocation (10)

Institute Marks : 10.00

A. Quantum of Budget Allocation for Three Years (5)

B. Justification of Budget allocated for Three Years (5)

The yearly budget is prepared according to the needs & requirements of the departments taking into consideration of annual intake of students, laboratory & infrastructure developments, Students, faculty &staff requirements and promotions and latest technologies etc. Various departments submit the annual budget to principal. On receipt of such proposals, Principal, in consultation with departmental HODs, prepares a consolidated proposal. After deliberations, formal budget made altered in departments and forwarded to Principal for preparing final budget at college level and submit it to the Governing Body for approval and sanction. The Management is approving almost 100% which was proposed by the institute. The budget allocation and utilization for the last three years is adequate. All the expenditure needs prior approval from the competent authority. Funds would be spent only from the approved budget. If funds are required for expenses not mentioned in the proposal, management’s approval is a must.

Table 10.2.1.1 Adequacy of budget allocation during assessment period.

S.No	Financial Year	Proposed Budget in Lakhs	Allocated Budget in Lakhs	Utilized Budget in Lakhs	Adequate /Non Adequate
1	2024-25	1185.65	1180.00	1172.34	Adequate
2	2023-24	1047.95	1040.70	1040.14	Adequate
3	2022-23	1022.55	1020.00	1019.02	Adequate
4	2021-22	967.32	965.00	962.91	Adequate

10.2.2 Utilization of allocated funds (15)

Institute Marks : 15.00

A. Budget utilization for three years (5)

The funds are utilized by the Principal, Heads, and Finance Committee as per the allocation. Any additional fund requirements, beyond budget allocations are approved by the Management.

S.No	Financial Year	Proposed Budget in Lakhs	Allocated Budget in Lakhs	Utilized Budget in Lakhs	% Budget Utilization
1	2024-25	1185.65	1180.00	1172.34	**99.35**
2	2023-24	1047.95	1040.70	1040.14	**99.95**
3	2022-23	1022.55	1020.00	1019.02	**99.90**
4	2021-22	967.32	965.00	962.91	**99.78**

Table 1–CFY 2024-25

Total Income : 117,599,250				Actual Expenditure (till..) : 117,234,067			Total No. of Students: 1707
FEE	GOVT.	GRANTS	Other sources (specify)	Recurring	Non Recurring	Special Projects/ Anyother , specify	Expenditure per Student
111,562,292	0	0	6,036,958	109,093,285	8,140,782	--	**68,678.42**

Table 2–CFY m1 2023-24

Total Income : 104,364,583				Actual Expenditure (till..) : 104,014,069			Total No. of Students: 1568
FEE	GOVT.	GRANTS	Other sources (specify)	Recurring	Non Recurring	Special Projects/ Anyother , specify	Expenditure per Student
98,481,854	0	0	5,882,729	96,856,933	7,157,136	-	**66,335.50**

Table 3–CFY m2 2022-23

Total Income : 95,907,976				Actual Expenditure (till..) : 101,902,817			Total No. of Students: 1368
FEE	GOVT.	GRANTS	Other sources (specify)	Recurring	Non Recurring	Special Projects/ Anyother , specify	Expenditure per Student
93,015,217	0	0	2,892,759	93,760,037	8,142,780	-	**74,490.36**

Table 4–CFY m3 2021-22

Total Income : 96,291,542.00				Actual Expenditure (till..) : 96,291,542.00			Total No. of Students: 1319
FEE	GOVT.	GRANTS	Other sources (specify)	Recurring	Non Recurring	Special Projects/ Anyother , specify	Expenditure per Student
93,693,024	0	0	2,598,518	89,521,343	6,770,199	-	**73,003.44**

ITEMS	BUDGETED IN 2024-25	ACTUAL EXPENSES IN 2024-25 TILL	BUDGETED IN 2023-24	ACTUAL EXPENSES IN 2023-24 TILL	BUDGETED IN 2022-23	ACTUAL EXPENSES IN 2022-23 TILL	BUDGETED IN 2021-22	ACTUAL EXPENSES IN 2021-22 TILL
Infrastructure Built-Up	1,350,000	1,279,822	1,470,000	1,467,312	2,400,000	2,395,149	1,400,000	1,376,818
Library	1,500,000	1,403,907	1,430,000	1,426,664	1,175,000	1,163,594	1,275,000	1,273,231
Laboratory equipment	4,965,000	4,936,410	3,870,000	3,824,594	4,217,000	4,198,541	3,585,000	3,569,931
Laboratory consumables	6,035,000	6,007,514	4,450,000	4,403,175	4,125,000	4,095,612	3,522,000	3,452,122
Teaching and non-teaching staff	57,000,000	56,429,958	50,000,000	49,572,630	44,250,000	44,201,979	48,500,000	48,345,120
Maintenance and spares	19,720,000	19,624,835	15,990,000	15,917,073	21,175,000	21,010,431	16,195,000	16,107,078
R&D	1,965,000	1,924,550	1,885,000	1,865,230	1,580,000	1,549,090	1,840,000	1,823,450
Training and Travel	595,000	576,220	1,035,000	1,003,200	1,505,000	1,490,430	1,215,000	1,191,645
Miscellaneous Expenses	435,000	422,476	665,000	646,826	478,000	451,990	600,000	572,329
Other, specify	25,000,000	24,628,375	24,000,000	23,887,365	21,350,000	21,346,001	18,600,000	18,579,818
TOTAL	118,565,000	117,234,067	104,795,000	104,014,069	102,255,000	101,902,817	96,732,000	96,291,542

10.2.3 Availability of the audited statements on the institute’s website (5)

Institute Marks : 5.00

10.2.3 Availability of the audited statements on the institute’s website (5)

https://www.sviet.edu.in/wp-content/uploads/2025/04/Sviet_Audit_Statement_2021-2022.pdf (https://www.sviet.edu.in/wp-content/uploads/2025/04/Sviet_Audit_Statement_2021-2022.pdf)

https://www.sviet.edu.in/wp-content/uploads/2025/04/Sviet_Audit_Statement_2022-2023.pdf (https://www.sviet.edu.in/wp-content/uploads/2025/04/Sviet_Audit_Statement_2022-2023.pdf)

https://www.sviet.edu.in/wp-content/uploads/2025/04/Sviet_Audit_Statement_2023-2024.pdf (https://www.sviet.edu.in/wp-content/uploads/2025/04/Sviet_Audit_Statement_2023-2024.pdf)

https://www.sviet.edu.in/wp-content/uploads/2025/04/Sviet_Audit_Statement_2024-2025.pdf (https://www.sviet.edu.in/wp-content/uploads/2025/04/Sviet_Audit_Statement_2024-2025.pdf)

10.3 Program Specific Budget Allocation, Utilization (30)

Total Marks 30.00

Institute Marks :

Total Income at Institute level: For CFY,CFYm1,CFYm2 & CFYm3
CFY: (Current Financial Year),
CFYm1 : (Current Financial Year minus 1),
CFYm2 : (Current Financial Year minus 2) and
CFYm3 : (Current Financial Year minus 3)

Table 1 :: CFY 2024-25

16800000		Actual expenditure (till…): 16718079		Total No. Of Students 833
Non Recurring	Recurring	Non Recurring	Recurring	Expenditure per student
3755000	13045000	3722380	12995699	20069.72

Table 2 :: CFYm1 2023-24

12685000		Actual expenditure (till…): 12633937		Total No. Of Students 714
Non Recurring	Recurring	Non Recurring	Recurring	Expenditure per student
2635000	10050000	2629612	10004325	17694.59

Table 3 :: CFYm2 2022-23

13775000		Actual expenditure (till…): 13696278		Total No. Of Students 567
Non Recurring	Recurring	Non Recurring	Recurring	Expenditure per student
2500000	11275000	2485406	11210872	24155.69

Table 4 :: CFYm3 2021-22

10100000		Actual expenditure (till…): 10017675		Total No. Of Students 488
Non Recurring	Recurring	Non Recurring	Recurring	Expenditure per student
2135000	7965000	2128583	7889092	20528.02

Items	Budgeted in 2024-25	Actual Expenses in 2024-25 till	Budgeted in 2023-24	Actual Expenses in 2023-24 till	Budgeted in 2022-23	Actual Expenses in 2022-23 till	Budgeted in 2021-22	Actual Expenses in 2021-22 till
Laboratory equipment	2425000	2408924	1745000	1741560	1745000	1740185	1325000	1320793
Software	380000	374290	40000	38706	105000	103166	135000	133155
Laboratory consumable	2950000	2931610	2025000	2005016	1700000	1697525	1300000	1277208
Maintenance and spares	9600000	9576735	7250000	7247953	8750000	8708270	6000000	5959252
R & D	950000	939166	850000	849346	650000	642055	675000	674635

Training and Travel	285000	281187	475000	456817	625000	617741	445000	440883
	210000	206167	300000	294539	200000	187336	220000	211749
Total	**16800000**	**16718079**	**12685000**	**12633937**	**13775000**	**13696278**	**10100000**	**10017675**

10.3.1 Adequacy of budget allocation (10)

Institute Marks : 10.00

A. Quntum of budget allocation for three years (5)

B. Justification of budget allocated for three years (5)

The allocated budget was used to meet the new facilities, equipment, replacement of out-dated equipment and new labs due to revision in syllabi. Budget requirements under recurring and non-recurring heads are collected from departments before the commencement of the financial year.

Allocations are made as per the availability of funds. Spending is monitored by the accounts section. The institution carefully monitors the expenses so that the necessities are met without affecting the smooth working of the institution. The finance committee has been very efficiently doing this over the past several years that the institution never had any serious budget crunch that affected the functioning of the college.

The sample table shows the details of adequacy of budget allocation for the last three years for the department of Computer Science Engineering.

S.No	Financial Year	Proposed Budget in Lakhs	Allocation Budget in Lakhs	Utilized Budget in Lakhs	Adequate/Non Adequate
1	2024-25	168.00	167.40	167.18	Adequate
2	2023-24	126.85	126.50	126.33	Adequate
3	2022-23	137.67	137.20	136.96	Adequate
4	2021-22	101.00	100.41	100.17	Adequate

10.3.2 Utilization of allocated funds (20)

Institute Marks : 20.00

A. Budget utilization for three years (5)

Funds are allocated by the Management of the College. Department Heads are intimated of the extent of funds allocated against their budget proposals. Actions for procurement of lab equipment, up-gradation of existing lab facilities, purchase of consumables, etc. are initiated from the department and the funds are released on a case by case basis from the accounts office of the college on approval by the Management. During the last three years, the budget was utilized to meet expenses like purchase of equipment, expenses towards consumables and contingencies, etc. The Table shows the percentage of funds utilization for the last three years for the department of Computer Science Engineering.

S.No	Financial Year	Proposed Budget in Lakhs	Allocated Budget in Lakhs	Utilized Budget in Lakhs	% Budget Utilization
1	2024-25	168.00	167.40	167.18	**99.87**
2	2023-24	126.85	126.50	126.33	**99.87**
3	2022-23	137.67	137.20	136.96	**99.83**
4	2021-22	101.00	100.41	100.17	**99.76**

Table 1–CFY 2024-25

Total Income : 16800000		Actual Expenditure (till..) : 16718079		Total No. of Students: 833
Recurring	Non Recurring	Recurring	Non Recurring	Expenditure per Student
13045000	3755000	12995699	3722380	20069.72

Table 2–CFY m1 2023-24

Total Income : 12685000		Actual Expenditure (till..) 12633937		Total No. of Students:714
Recurring	Non Recurring	Recurring	Non Recurring	Expenditure per Student
10050000	2635000	10004325	2629612	17694.59

Table 3–CFY m2 2022-23

Total Income : 13775000	Actual Expenditure (till..) 13696278	Total No. of Students: 567

Recurring	Non Recurring	Recurring	Non Recurring	Expenditure per Student
11275000	2500000	2485406	11210872	24155.69

Table 4–CFY m3 2021-22

Total Income : 10100000		Actual Expenditure (till..) 10017675		Total No. of Students: 488
Recurring	Non Recurring	Recurring	Non Recurring	Expenditure per Student
7965000	2135000	7889092	2128583	20528.02

Table: 10.3.3.6:Headwise allocation& utilization of budget during assessment period

Sri Vasavi Institute of Engineering & Technology									
DEPARTMENT BUDGET –Computer Science Engineering									
S.No	**Items**	**Budgeted in 2024-25**	**Actual Expenses in 2024-25 till**	**Budgeted in 2023-24**	**Actual Expenses in 2023-24**	**Budgeted in 2022-23**	**Actual Expenses in 2022-23**	**Budgeted in 2021-22**	**Actual Expenses in 2021-22**
1	Laboratory equipment	2425000	2408924	1745000	1741560	1745000	1740185	1325000	1320793
2	Software	380000	374290	40000	38706	105000	103166	135000	133155
3	Laboratory consumable	2950000	2931610	2025000	2005016	1700000	1697525	1300000	1277208
4	Maintenance and spares	9600000	9576735	7250000	7247953	8750000	8708270	6000000	5959252
5	R & D	950000	939166	850000	849346	650000	642055	675000	674635
6	Training and Travel	285000	281187	475000	456817	625000	617741	445000	440883
7	Others	210000	206167	300000	294539	200000	187336	220000	211749
8	**Total**	**16800000**	**16718079**	**12685000**	**12633937**	**13775000**	**13696278**	**10100000**	**10017675**

10.4 Library and Internet (20) Total Marks 20.00

10.4.1 Quality of learning resources (hard/soft) (10)

Institute Marks : 10.00

A. Availability of relavent learning sources including e-resources and Digital Library (7)

Quality of Learning resources (hard/soft)

Library at SVIET has subscribed e-journals from various services providers such as DELNET, NDL, KNIMBUS. Elements which affect thequalityof journals include Reputation – ofthejournal and thepublisher, Scopeand focus of the journal, Turnaround time / publication lag, Longevity, Editorial standards / Journal information, Acceptance rate, Cost etc. SVIET Central Library and information Centre procured all quality journals maintaining time trusted values.

Library space and ambience, timings and usage, availability of a qualified librarian and other staff, Library Automation, online access, networking, etc.

Carpet area of library (Reading area-200sqm, Stack area-150sqm, Digital Library-80sqm, Others-20sqm)	450Sqm
Number of seats in reading space	150
Number of users visiting library per day	390Average
Number of users (issue book) per day	30Average
Number of users at digital library per day	35Average
Digital Library	20Systems
Number of library staff	3
Number of library staff with a degree in Library Management	2
Computerization for search, indexing	YES
Issue/return records Bar coding used	YES

Timings:

Working days : 8:00 AM to 8:00 PM

Circulation Hours : 9:00 AM to 6:00 PM

Xerox Timings : 9:00 AM to 6:00 PM

Internet Timings : 10:00 AM to 6:00 PM

Library compliance report

Table10.4.1.1: Library compliance report

S.No	Name of the Item	Available as on 22.03.2025
1.	Books–Titles	2,985
2.	Books–Volumes	22,370
3.	Print Journals	17/22=39
4.	e-Journals	DELNET, NDL, KNIMBUS
5.	Library management software	1
6.	Reading Room Seating Capacity	150
7.	DigitalLibrary	20

B. Accessibility to students (3)

DELNET e-Journals

- Engineering & Technology (911)
- Automobile Engineering (15)
- Computer Science (160)
- Construction & Infrastructure (79)
- Electrical and Electronic Engineering EEE (51)
- Electronics & Communication Engineering (41)
- Electrical and Nuclear Engineering (70)
- Hydraulic Engineering (44)
- General & Civil Engineering (115)
- Manufacturing (25)
- Industrial Engineering(46)
- Mechanical Engineering(40)
- Materials (36)
- Transportation Engineering(35)
- Technology(General)(65)
- Military Science (23)
- Chemical Engineering & Technology (46)
- Mining & Metallurgy (20)

List of Journals–Department wise

Table10.4.1.2: Details of department wise Journals

Department	Print Journals	Online Journals
Civil Engineering	04	229
Electrical & Electronics Engineering	04	121
Mechanical Engineering	06	206
Electronics & Communication Engineering	12	106
Computer Science & Engineering	13	160
Science & Humanities	--	89
TOTAL	**39**	**911**

PRINTED JOURNALS AND MAGAZINES

Table10.4.1.3: List of printed Journals and Magazines

S.No	Name of the Journals & Magazine
1	International Journal of Civil Engineering and Construction Technology
2	International Journal of Power Electronics and Technology
3	International Journal of Advanced in Thermal Science and Engineering
4	International Journal of Materials, Manufacturing and Optimization
5	International Journal of Electronics Engineering
6	International Journal of Embedded Systems and Computer Engineering (IJESCE)
7	International Journal of VLSI Design
8	International Journal of Microwave science And Technology

9	International Journal of Computer Engineering and Software Technology
10	International Journal of Multimedia, Computer Vision and Machine Learning (IJMCVML)
11	International Journal of Computer Engineering
12	International Journal of Computer Science and Information Technology
13	International Journal of Network and Mobile Technologies (IJNMT)
14	International Journal of Data Warehousing (IJDW)
15	International Journal of Advances in Civil Engineering
16	International Journal of Engineering under Uncertainty: Hazards, Assessment and Mitigation
17	International Journal of Electrical and Computer Engineering
18	International Journal of Innovations in Electrical Power Systems
19	International Journal of Production and Quality Engineering (IJPQE)
20	International Journal of Electronics and computers
21	International Journals of Nano, Science Nano engineering and Nano technology
22	Fuzzy Sets, Rough Sets and Multivalued Operations and Applications
23	Journal on Structural Engineering
24	Journal of Cloud Computing
25	Journal on Pattern Recognition
26	Journal on Electrical Engineering
27	Journal on Mechanical Engineering
28	Journal on Future Engineering and Technology
29	Journal on Embedded Systems
30	Journal of Power Electronics & Power Systems
31	Journal of Image Processing and Pattern Recognition Progress
32	Indian Journal of Mechanical Engineering and Research
33	Indian Journal of Surveying and Structural Engineering
34	IEEMA Journal
35	IETE Journal of Education
36	IETE Journal of Research
37	Current Science
38	The Institute of Indian Foundry men
39	Power Engineering Journal
40	Construction World

41	Electrical India
42	Electronics For You
43	Open Source For You
44	Down To Earth
45	India Today
46	Employment News
47	Competition Success Review
48	Dataquest
49	PC Quest
50	Science Reporter

E-JOURNALS

Table10.4.1.4: List of e-Journals

S. No	Name of the Journals & Magazines
1	Computerized Shape Analysis Of Erythrocytes And Their Formed Aggregates In Patients Infected With P.Vivax Malaria.
2	Construction of Community Web Directories based on Web usage Data
3	Controlled multimedia cloud architecture and advantages
4	Controlling the problem of Bloating using stepwise crossover and double mutation technique.
5	Cross Lingual Information Retrieval with SMT and Query Mining
6	Cyclic combination method for digital Image steganography with uniform distribution of message
7	Data load manifestation in process chains in sap business ware house
8	Data Security by Preprocessing the Text with Secret Hiding
9	Design and Implementation of an IP based authentication mechanism for Open Source Proxy Servers in Interception Mode.
10	Design, implementation and Characterization of XOR phase detector for DPLL in 45 nm CMOS technology
11	International Journal of Engineering and Geosciences
12	Self-Compacting Concrete Incorporating Micro- and Acrylic Polymer
13	Causes of Early Age Cracking on Concrete Bridge Deck Expansion Joint Repair Sections
14	Mobile Imaging and Computing for Intelligent Structural Damage Inspection
15	Drying Shrinkage Behaviour of Fibre Reinforced Concrete Incorporating Polyvinyl Alcohol Fibres and Fly Ash

16	Sensitivity Analysis of the Influence of Structural Parameters on Dynamic Behaviour of Highly Redundant Cable-Stayed Bridges
17	Structural Behavior and Design of Barrier-Overhang Connection in Concrete Bridge Superstructures Using AASHTO LRFD Method
18	Structural Health Monitoring of Civil Structures
19	Nutrient Release from Disturbance of Infiltration System Soils during Construction
20	Designing Intelligent Tutoring Systems: A Personalization Strategy using Case-Based Reasoning and Multi-Agent Systems
21	Nutrient Release from Disturbance of Infiltration System Soils during Construction
22	Designing of a Personality Based Emotional Decision Model for Generating Various Emotional Behavior of Social Robots
23	Detecting phishing attacks in Purchasing process through proactive approach
24	Development of mechanism for enhancing data security in quantum cryptography
25	Directional based watermarking Scheme using a novel data embedding approach
26	Distance transform based hand gestures Recognition for powerpoint presentation navigation
27	Do New Mobile Devices in Enterprises Pose A Serious Security Threat?
28	Dynamic allocation method for efficient Load balancing in virtual machines for cloud computing environment
29	Effect of Symlet Filter Order on De noising of Still Images
30	E-learning Platforms and E-learning Students: Building the Bridge to Success
31	A systematic review of the current state of collaborative mixed reality technologies
32	A systematic review of the current state of collaborative mixed reality technologies
33	Internet of Things for smart energy systems: A review on its applications, challenges and future trends
34	Mean-Field-Type Games in Engineering
35	Control techniques of switched reluctance motors in electric vehicle applications
36	Survey on security and privacy issues in cyber physical systems
37	A review on smart self-sensing composite materials for civil engineering applications
38	Modeling, Control, and Simulation of a Solar Hydrogen/Fuel Cell Hybrid Energy System for Grid-Connected Applications
39	Optimal Sizing of a Multi-Source Renewable Energy Energy System
40	Control techniques of switched reluctance motors in electric vehicle applications
41	Embedded Ph Data Acquisition And Logging
42	Empirical Studies on Machine Learning Based Text Classification Algorithms
43	Employing reverse polish notation in encryption

44	Energy efficient coverage problems in wireless ad hoc sensor networks
45	Enterprise Integration using Service Oriented Architecture
46	Ethics and Transparency Issues in Digital Platforms: An Overview
47	Explainable Artificial Intelligence (XAI): Concepts and Challenges in Healthcare
48	Exploiting Logical Structures to Reduce Quorum Sizes of Replicated Databases
49	Feature extraction methods for color image similarity
50	Anonymity and accountability in web based transactions
51	Carbon nanotubes agglomeration in reinforced composites
52	Temperature dependent mechanical properties of Mo–Si–B compounds via ab initio molecular dynamics
53	Rancang Bangun Pembuatan Mesin Pencacah Sampah Plastik Minimals
54	Aplikasi Cvt Pada Sepeda Motor Listrik (Semoli) Generasi 2
55	Fabrication Of Al/Al2o3 Fgm Rotating Disc
56	Emission And Combustion Characteristics Of Different Fuels In A Hcci Engine
57	Computational Fluid Dynamics Investigation On The Use Of Heat Shields For Thermal Management In A Car Underhood
58	Comparison Of Thermoelastic Results In Two Types Of Functionally Graded Brake Discs
59	Application of threshold techniques For readability improvement of jawi historical manuscript images.
60	Aspect-oriented software quality model: the AOSQ model.
61	Comparative performance analysis of RNSC and MCL algorithms on power-law distribution.
62	A Qualitative Acceleration Model Based on Intervals
63	A Survey for Load Balancing in Mobile WiMAX Networks.
64	Bi-LSTM based deep learning method for 5G signal detection and channel estimation
65	Collaboration for enhancing the systemDevelopment process in open source diligence
66	Gamma Ray Source Localization for Time Projection Chamber Telescopes Using Convolutional Neural Networks
67	Generating domain specific sentiment lexicons using the Web Directory
68	Gpgpu processing in cuda architecture
69	Graduate school cyber portfolio: the Innovative menu for sustainable development
70	Hand-Controller Latency and Aiming Accuracy in 6-DOF VR
71	Implementation of aes as a custom hardware using nios ii processor
72	Security Implementation through PCRE Signature over Cloud Network
73	Security Model For Service-Oriented Architecture

74	The Impact of the Rotor Slot Number on the Behaviour of the Induction Motor
75	Web mining – a catalyst for e-business
76	Security Model For Service-Oriented Architecture
77	Prediction of environmental indices of Iran wheat production using artificial neural networks
78	A Mutual Learning Framework for Pruned and Quantized Networks
79	Survey of Automatic Text Summarization Techniques & Algorithms
80	Electronic Evolution: Wearable Devices
81	A bandwidth enhanced multilayer electromagnetic bandgap structure to reduce the simultaneous switching noise
82	A Control Method for Balancing the SoC of Distributed Batteries in Islanded Converter-Interfaced Microgrids
83	A Dynamic Model for Direct and Indirect Matrix Converters
84	A hybrid IDM using wavelet transform for a synchronous generator-based RES with zero non-detection zone
85	An Improved Control Strategy for a Four-Leg Grid-Forming Power Converter under Unbalanced Load Conditions
86	Analysis andMinimization of the Oscillatory Currents in MultibranchThyristor-Switched Capacitors
87	Comprehensive Analysis and Experimental Validation of an Improved Mathematical Modeling of Photovoltaic Array
88	Control techniques of switched reluctance motors in electric vehicle applications: A review on torque ripple reduction strategies
89	Hybrid Control for Bidirectional Z-Source Inverter for Locomotives
90	A Comprehensive Review and a Taxonomy of Edge Machine Learning: Requirements, Paradigms, and Techniques
91	A General Machine Learning Model for Assessing Fruit Quality Using Deep Image Features
92	A new algorithm for cell tracking technique
93	How to improve software quality assurance in developing countries
94	Neural networks approach v/s Algorithmic approach : A study through pattern recognition
95	Privacy preserving through segment-based visual cryptography
96	Prospective benefits and criticalities of applying Semantic Web techniques in Software Engineering

97	Securing Authentication of TCP/IP Layer Two By Modifying Challenge-Handshake Authentication Protocol
98	The Effects on Cells Mobility Due to Exposure to EMF Radiation
99	Image content in location-based Shopping recommender systems for mobile users
100	How to improve software quality assurance in developing countries

10.4.2 Internet (10)

Institute Marks : 10.00

Name of the Internet provider	RAILTEL,BSNL
Available band width	RAILTEL : 100MBPS ,BSNL: 200MBPS
WiFi availability	YES
Internet access in labs, classrooms, library and offices of all Departments	YES
Security arrangements	YES

Annexure I

(A) PROGRAM OUTCOME (POs)

Engineering Graduates will be able to:

1. **Engineering Knowledge :** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem Analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one’s own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

(B) PROGRAM SPECIFIC OUTCOME (PSOs)

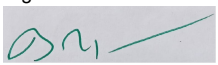
PSO1	Engineering Fundamentals: The ability to develop computer programs in the areas related to Algorithms, Multimedia, Web design, Big Data Analytics, and IoT to deliver a quality product for society needs.
PSO2	Career Development: The ability to excel in Computer Science and Engineering program through quality education, communication skills and ethics which enables them to succeed in computing industry profession.
PSO3	Problem Solving Skills: The ability to apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success.

Declaration

The head of the institution needs to make a declaration as per the format given -

- I undertake that, the institution is well aware about the provisions in the NBA's accreditation manual concerned for this application, rules, regulations, notifications and NBA expert visit guidelines inforce as on date and the institutes hall fully abide by them.
- It is submitted that information provided in this Self Assessment Report is factually correct.
- I understand and agree that an appropriate disciplinary action against the Institute willbe initiated by the NBA. In case, any false statement/information is observed during pre-visit, visit, postvisit and subsequent to grant of accreditation.

Head of the Institute
Name : Dr B Raja Srinivasa Reddy
Designation : Principal
Signature :



Seal of The Institution :

Place : Nandamuru
Date : 24-04-2025 15:29:28