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SVASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY
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R23 B. Tech. ECE- Board of Studies Members

Date:30-6-2025

We are pleased to informed you that the Department of Electronics and Communication Engineering of Sri Vasavi Institute of Engineering and technology (Autonomous), is going to conduct R23 3rd Board of studies(BOS) meeting to finalize course structure and syllabus for III B. Tech sem-I and sem-II of ECE on 01-07-2025 by online mode from 11:00AM onwards. All the members are request to attend BOS meeting.

S.NO	NAME	Designation	Address	Contact Number	Remarks	Signature
1.	Dr. A.Chandra Suresh	Professor &HOD	Dept. of ECE, SVIET	9246622259, hod_ece@sviet.edu.in	Chairman	<i>[Signature]</i>
2.	Dr.B.T.Krishna	Professor	Dept. of ECE JNTUK	9848992922, tkbattula@intucek.ac.in	JNTUK Nominee	<i>[Signature]</i>
3.	Dr. T.Sreenivasulu Reddy	Professor	Dept. of ECE, SVUCE	9440415699, tsr_ece@svuce.edu.in	Subject Expert	<i>[Signature]</i>
4.	Dr.CH.V.Ramarao	Associate Professor	Dept. of ECE, NIT Warangal	9402187886, chvramarao@nitw.ac.in	Subject Expert	<i>[Signature]</i>
5.	Mr.K.Arun	Associate Engineer	Qualcomm,Hyd	9705827912 Orun200004@gmail.com	Alumni Representative	<i>[Signature]</i>
6.	Mr. Bhavani Shankar Surahi	Executive Manager, R&D Head – IOT	Efftronics Systems Pvt Ltd, APICP Park, Mangalagiri	9395155608, 08645-666777 sbshankar@efftronics.com	Industry Representative	<i>[Signature]</i>
7.	Mr. D.Sridhar	Associate Professor	Dept. of ECE, SVIET	9398822837, sridhard@sviet.edu.in	Member	<i>[Signature]</i>
8.	Mr. N.Nagaraju	Assistant Professor	Dept. of ECE, SVIET	9642399321 dsp.nagarajunaluri@gmail.com	Member	<i>[Signature]</i>
9.	Mrs.J.Siva Deepika	Assistant Professor	Dept. of ECE, SVIET	9959325165 deepika.602@gmail.com	Member	<i>[Signature]</i>
10.	Mrs.P.Jyothi	Assistant Professor	Dept. of ECE, SVIET	9705211094 jvokishaisiri@gmail.com	Member	<i>[Signature]</i>
11.	Mr.J.J.Swaroop	Assistant Professor	Dept. of ECE, SVIET	8328247108 Swaroop.jalluri@gmail.com	Member	<i>[Signature]</i>
12.	Mr.Y.R.K. Paramahansa	Assistant Professor	Dept. of ECE, SVIET	9440346687, ytrkph@gmail.com	Member	<i>[Signature]</i>
13.	K.Sowmya sri	Assistant Professor	Dept. of ECE, SVIET	9010921945 srisowmya.lucky@gmail.com	Member	<i>[Signature]</i>

HOD & Chairman, BOS

[Signature]
Principal



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R23 B. Tech. ECE- Board of Studies Members

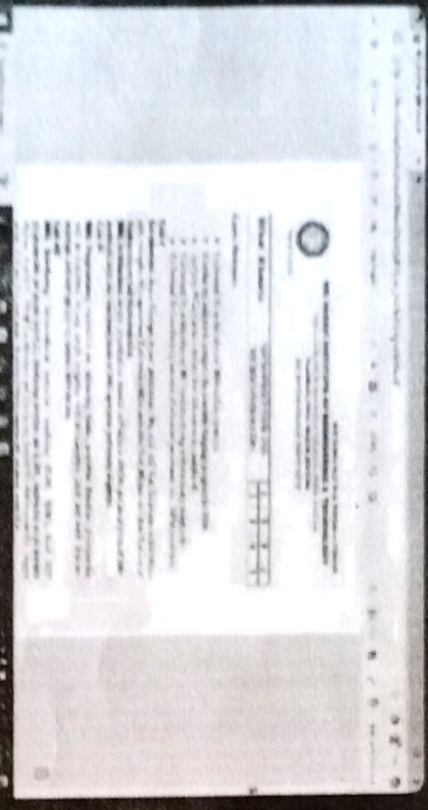
The following BOS Members have attended the R23 3rd BOS meeting of III B.Tech Sem-I and Sem-II for ECE held on **01-07-2025 in the Electronics and Communication Engineering Department of Sri Vasavi Institute of Engineering and Technology (Autonomous) Nandamuru, Pedana Mandal.**

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1.	Dr. A.Chandra Suresh	Professor & HoD	Dept. of ECE, SVIET	9246622259, hod.ece@sviet.edu.in	Chairman	
2.	Dr.B.T.Krishna	Professor	Dept. of ECE JNTUK	9848992922, tkbartula@intucek.ac.in	JNTUK Nominee	
3.	Dr. T.Sreenivasulu Reddy	Professor	Dept. of ECE, SVUCE	9440415699, tsr_ece@svuce.edu.in	Subject Expert	
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5.	Mr.K.Arun	Associate Engineer	Qualcomm, Hyd	9705827912, Orun200004@gmail.com	Alumni	
6.	Mr. Bhavani Shankar Surabhi	Executive Manager, R&D Head – IOT	Efftronics Systems Pvt Ltd, APICP Park, Mangalagiri	9395155608, 08645-666777 sbshankar@efftronics.com	Representative Industry Representative	
7.	Mr. D.Sridhar	Associate Professor	Dept. of ECE, SVIET	9398822837, sridhard@sviet.edu.in	Member	
8.	Mr. N.Nagaraju	Assistant Professor	Dept. of ECE, SVIET	9642399321, dsp.nagarajunaluri@gmail.com	Member	
9.	Mrs.J.Siva Deepika	Assistant Professor	Dept. of ECE, SVIET	9959325165, deepika.602@gmail.com	Member	
10.	Mrs.P.Jyothi	Assistant Professor	Dept. of ECE, SVIET	9705211094, ivokishaisiri@gmail.com	Member	
11.	Mr.J.J.Swaroop	Assistant Professor	Dept. of ECE, SVIET	8328247108, Swaroop.jaluri@gmail.com	Member	
12.	Mr. Y.R.K. Paramahansa	Assistant Professor	Dept. of ECE, SVIET	9440346687, ykrkph@gmail.com	Member	
13.	K.Sowmya sri	Assistant Professor	Dept. of ECE, SVIET	9010921945, srisowmya.lucky@gmail.com	Member	

HOD & Chairman, BOS

Principal

hod ece (You, presenting)



Right

In three ones we want to do some changes with your permissions are.

Dr. Ch. V. Rama Rao

Yes. Okay.

Actually one laboratory is there lab?



js



0:50

31v-qrk

Share icons: Screen, Copy, Paste, Print, etc.

Stop presenting

People

Mute all

+ Add people

- hod ece (You, presenting)
- Anun Kothamasu
- Director Institute of Sci...
- Dr. Ch. V. Rama Rao



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Department of Electronics and Communication Engineering

R23 B. Tech. ECE- Board of Studies Members MoM

Date: 01-07-2025

The R23 BOS meeting is conducted on 01-07-2025 to finalize the IIIB.Tech Sem-I and Sem-II for ECE Department of Sri Vasavi Institute of Engineering and Technology (Autonomous) Nandamuru, Pedana Mandal, Krishna(d.t), A.P.

The BOS members have accepted change of the **ARM Based/ Aurdino Based Programming lab instead of Applications of Lab view for Instrumentation & Communications**

Contents Covered in the **ARM Based/ Aurdino Based Programming lab**

LIST OF EXPERIMENTS:

(Minimum TEN Experiments to be conducted):

1. Measure Analog signal from Temperature Sensor
2. Generate PWM output
3. Drive single character generation on Hyper Terminal
4. Drive a given string on Hyper Terminal
5. Full duplex Link establishment using Hyper terminal
6. Drive a given value on a 8 bit DAC consisting of SPI
7. Drive Stepper motor using Analog GPIOs
8. Drive Accelerometer and Display the readings on Hyper Terminal
9. To interface capacitor sensor (touch sensor) with smart phone and write a program to turn RGB LED ON/OFF when '1'/'0' is received from smart phone using Bluetooth.
10. Automatic street light control to control the street light (Turn on and off based on the light) using Arduino/ Node MCU/RaspberryPi
11. Smoke Detection using MQ-2 Gas Sensor
12. Voice Controlled Notice Board
13. To interface Ultrasonic Sound Sensor with Arduino uno/ Node MCU/RaspberryPi & to display targets distance on Display unit

(Dr.B.T.Krishna, Prof Ch.V. Rama Rao, Bhavani Shankar Sarabhi, Prof T.S. Reddy,


HoD & Chairman, BOS

Dr. B.T. Krishna
Professor in ECE J.N.T.U.K.


B.T. Krishna



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Department of Electronics and Communication Engineering

B.Tech. III Year I Semester

S. No.	Category	Title	L	T	P	C
1	Professional Core	Analog & Digital IC Applications	3	0	0	3
2	Professional Core	Digital communications	3	0	0	3
3	Professional Core	Antennas and Wave Propagation	3	0	0	3
4	Professional Elective - I	1. Digital System Design through HDL 2. Optical Communications 3. Electronic Measurements and Instrumentation 4. Computer Organization and Architecture	3	0	0	3
5	Open Elective-I	OR Entrepreneurship Development & Venture Creation	3	0	0	3
6	Professional Core	Analog & Digital IC Applications Lab	0	0	3	1.5
7	Professional Core	Analog and digital communications Lab	0	0	3	1.5
8	Skill Enhancement course	ARM Based/ Aurdino Based Programming	0	1	2	2
9	Engineering Science	Design of PCB & Antennas Lab	0	0	2	1
10	Evaluation of Community Service Internship		-	-	-	2
Total			15	1	10	23
MC	Minor Course (Student may select from the same specialized minors pool)		3	0	3	4.5
MC	Minor Course through SWAYAM / NPTEL (Minimum 12 Week, 3 credit course)		3	0	0	3
HC	Honors Course (Student may select from the same Honors pool)		3	0	0	3
HC	Honors Course (Student may select from the same Honors Pool)		3	0	0	3



Engineering made

R-23 Syllabus for B. Tech., SVIET(A) w.e.f 2023-24

SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY

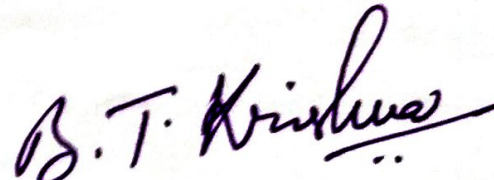
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Department of Electronics and Communication Engineering B.Tech. III Year II Semester

S.No.	Category	Title	L	T	P	C
1	Professional Core	VLSI Design	3	0	0	3
2	Professional Core	Microprocessors & Microcontrollers	3	0	0	3
3	Professional Core	Digital Signal Processing	3	0	0	3
4	Professional Elective-II	1. Analog IC Design 2. Satellite Communication 3. Smart and Wireless Instrumentation 4. Machine Learning	3	0	0	3
5	Professional Elective-III	1. Bio Medical Instrumentation 2. Microwave Engineering 3. Embedded Systems 4. Artificial Intelligence	3	0	0	3
6	Open Elective - II		3	0	0	3
7	Professional Core	VLSI Design Lab	0	0	3	1.5
8	Professional Core	Microprocessors & Microcontrollers Lab	0	0	3	1.5
9	Skill Enhancement course	Machine Learning Lab	0	1	2	2
10	Audit Course	Research methodology and IPR	2	0	0	-
Total			20	1	08	23
Mandatory Industry Internship of 08 weeks duration during summer vacation						
MC	Student may select from the same minors pool		3	0	3	4.5
MC	Minor Course (Student may select from the same specialized minors pool)		3	0	0	3
HC	Student may select from the same honors pool		3	0	0	3
HC	Honors Course (Student may select from the honors pool)		3	0	0	3


 Dr. B.T. Krishna
 Professor in ECE, JNTUK