



SRI VASAVI INSTITUTE OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)



ELITE

-ELECTRIFYING THE FUTURE

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DEPARTMENT VISION

To become centre of excellence in Electronics and Communication Engineering to meet the challenges of industry and the society

DEPARTMENT MISSION

DM1: Impart high quality education to enable students to face challenges Of Electronics and Communication Engineering.

DM2: Provide all possible support to promote activities in the related areas of VLSI, Communications, Signal Processing, and Micro Processors & Micro Controllers.

DM3: Inculcate ethical, professional values and life-long learning skills to address the societal needs.

PROGRAM EDUCATIONAL OBJECTIVES

PEO1: Graduates shall accomplish Excellence in professional career and pursue higher studies with innovation.

PEO2: Graduates shall be competent professionals by inculcating values with profound knowledge in Electronics and Communication Engineering.

PEO3: Graduates shall have an attitude to apply technical knowledge to solve real time industrial problems and develop lifelong learning attitude.

PEO4: Graduates shall aware of multi disciplinary knowledge in the context of teamwork.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

The goal is to impart value-based technical education and train students to become well-rounded engineers in the field of Electronics and Communication Engineering, equipping them for successful careers in industry, research, or higher education. The program commenced in the academic year 2008–09 with an initial intake of 60 students. Currently, the intake for the ECE Department is 120 students. The department has a faculty strength of 23 well-qualified, experienced, and dedicated postgraduate members, including five Ph.D. holders, with several others pursuing their doctorates in various specializations. Additionally, the department is supported by five technical staff members.

The department actively encourages students to pursue postgraduate studies and prepares them for leadership roles in research and development. In addition to the undergraduate program, the department has been offering an M.Tech course in VLSI System Design since the academic year 2012–13, with an intake of 18 students.

The ECE department boasts well-established infrastructure, including five specialized laboratories: Microwave Engineering Lab, Microprocessor & Microcontroller/Simulation Lab, Communications Lab, Electronic Devices and Circuits (EDC) Lab, and a dedicated Research & Development (R&D) Lab.

The department has an E-Yantra Laboratory, established in 2019 and sponsored by the Ministry of Human Resource Development (MHRD). This lab serves as a collaborative platform between IIT Bombay and SVIET, Nandamuru. All laboratories in the department are fully equipped to support advanced technologies and modern engineering practices.

The ECE department also extends its support to the Atal Tinkering Lab at Z.P.H. School, Guduru. It hosts professional chapters such as the IETE Student Forum. All departmental activities are conducted under the IETE banner. In addition, the student association *Versatile Electronic Designers' Association* (VEDA) organizes various technical events such as seminars, quizzes, poster presentations, paper presentations, and project expos.

Each semester, the department arranges a minimum of two guest lectures and one workshop to further enrich the academic experience. Students are actively encouraged to participate in international, national, and state-level technical contests.

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- ❖ Mr. C. Pakkaraiah was awarded the **Doctor of Philosophy (Ph.D.)** on **May 4, 2024**, by **Sri Venkateswara University, Tirupati**, for his research entitled *“Design and Analysis of Energy-Efficient Modular Arithmetic Architectures.”*
- ❖ On March 16, 2024, Mr. C. Pakkaraiah received the **ICRE 2024 International Best Researcher Award** in Electronics Very Large Scale Integration. The award was organized by the **Asia Research Award** in Tamil Nadu.



STUDENT ARTICLE

HOW TO GET PLACED IN A COMPANY

Hi, each and every one of you have an unique dream, some want to get placed in a core company, some in an IT industry. Some of you want to pursue higher studies, some want to become an entrepreneur. Some want to do family business. The desire of each person's life may vary. Those who want to start their carrier as an employee in an industry this article will definitely help you to attain your goal. Generally, the companies are categorized in two ways,

1. Product or service based Company.

2. Core Company.

To get into Core Company: Getting offer in a core company is simple than getting in an IT industry. Need to have a complete knowledge about our core subjects what we have learnt so far. Simple mantra is "Stop Studying the subjects and start Learning". Current world is a competitive world, we all have to equip ourselves so that we can sustain in that. There is no mercy and no frees, one who can adopt to the new technologies can able to get and survive in this corporate world. So start to equip you all now itself.

The rounds in the core company:

- **Aptitude plus technical MCQ's**
- **Face to Face interview (Technical and General HR rounds)**

For first round, go through RS Aggarwal book, India Bix, 2braces, Exam Veda websites and know some basic concepts in all subjects to clear this round.

For second round, main thing to clear these rounds is to have more faith and confidence upon yourself. Communicating language is secondary, have to deliver the content which you are coming to say clearly and boldly though you are not sure about that. To get into IT industry: Have to learn many things apart from your curriculum, this shows how much interest you are having in learning new things.

As an ECE student if you are well versed in programming equal to CSE student, preference will always been given to us.

Rounds in an IT industry:

- 1. General and Technical Aptitudes**
- 2. Programming round**
- 3. Group Discussion**
- 4. General and Technical HR**

First Round: As I said above go through all the sites which is enough to clear this round.

Second Round: Have to write a program for the given scenario more effectively. I will tell you all secret or mantra which I always use to solve a particular program. First go through the given scenario and see the sample test cases. If you can able to understand the sample input and output then it is easy to solve the code. See, The Computer is a senseless machine, we need to tell everything clearly so that it can do. Just back track your mind, while you read the input and output samples how your mind have understood that. If you found that way, that is nothing but an algorithm. Once algorithm is framed writing program is so simple. So for all the problems, you will definitely have the solution in your mind, the only thing you need to do is search for it without getting panic.

Third Round: To clear this round, a simple quality you should have that is having a faith and confidence upon you and you should possess a sound listening skill. You need to believe that you can do!!

Fourth Round: As I said previously, you have to speak clearly and boldly and instead of speaking unnecessarily have to strict to the point.

Mostly all the companies will have the same interview process like I mentioned above. Don't get worried if you don't know anything till now..."Never it is too late to start a thing" so start working towards your dream by today itself...Because no one knows what tomorrow will bring. Whatever the situation may be never let you to hate yourself. If everyone demotivates you, never let your heart to accept that. Those who all are achieved big, loved themselves more than anyone. If you had a faith upon you, though you don't know how to solve a particular problem in your life your mind and heart will surf it for you. "World is full of Opportunities" for those who searched for it. Always keep in this in your mind, "Whenever there is a problem there will be a solution for that particular problem". For every problem the solution will always be simple. The only thing we need to do is surf for it. This is applicable to life as well as for the program... ALL THE VERY BEST to all and wish you all to have a wonderful life and future...



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**FACULTY ARTICLE****You can win you should get the best out of it.**

Winning is and has become the central use of society and everything we do revolves around this one dynamic structure. The most heartening quote is “Winners never quit and quitters never win”. Victory tastes very sweet and there are many advantages of winning. As harder as win, the sweeter the taste of victory. If you feel better about yourselves you improve your confidence. If your hungry to win grows it becomes greater then the fear of losing. The set up is to specific goals, you need to know where you are going. Don’t afraid of failure, take responsibility of that because who take failure as their own they saw success. Winners are the one who are self aware about their mistakes and decisions brought them. Try to learn everything new everyday because when it comes to winning more knowledge is basically a power of a person. You will not say failing demotivates you, you should get the best out of it. If you are too cautious about success might lose opportunity and you might not have a second chance. The main difference between losers and winners is that winners stay dedicated in their goal to becomes a winner. And in the ebd it comes to working hard. Don’t forget that the more efforts you put, the better results you will have in any fields of life.

**N. Nagaraju****Assistant Professor**

Paintings



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