



SREYAS
INSTITUTE OF ENGINEERING AND TECHNOLOGY
AUTONOMOUS



ELECTROMAG

2024 - 2025

PRESENTED BY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

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ABOUT THE COLLEGE

The Campus is located at Nagole, the heart of the city of Hyderabad. The Campus is a stone's throw away from reputed media houses, service and IT Industry hubs. This is the result of deliberation and planning of every aspect to create a world-class technical education institution. The first impression as you enter the sprawling green and verdant campus of Sreyas leaves a lasting impression of innate calm and energizing growth.

The campus is scientifically planned and artistically designed. The students have access to the latest software & computing facilities for learning and research to groom them into future citizens.

Our student-centric approach ensures that Sreyans gain not just depth and breadth in their chosen area of specialization, but a holistic set of skills that will equip them to face the real world. At every stage, there will be opportunities to expand their boundaries, with multiple platforms for collaboration and learning. The infrastructure is absolutely world-class with opportunities to build practical skills in state-of-the-art laboratories & workshops. The thriving, vibrant campus with its multitude of activities help them develop a well-rounded and grounded personality that evolves naturally.

Finally, our intention is to ensure that every opportunity to learn is utilized to the maximum and the end goal is that the student transforms into an individual full of enthusiasm, confidence and knowledge to face global challenges, becoming both individually and professionally successful, as well as socially responsible. This proximity helps us in attracting the beacons of the industry to our Campus for regular interactions with our students. The Campus is also the hub for many academic and professional activities making it pulsate with positive energy.

VISION

To be a centre of excellence in technical education to empower the young talent through quality education and innovative engineering for well being of the society.

MISSION

1. Provide quality education with innovative methodology and intellectual human capital.
2. Provide conducive environment for research and developmental activities
3. Inculcate holistic approach towards nature, society and human ethics with lifelong learning attitude.

MESSAGE FROM THE CHAIRMAN

Sreyas Institute of Engineering and Technology is a product of a dream and vision to excel and be a premier institution in the field of engineering. The college has the most modern and best infrastructure. It provides a wide arena for the staff and students to showcase their academic and extracurricular activities.

Our endeavor is to provide the students an exhilarating experience. The college is within the city limits yet in the midst of eco-friendly green surroundings. You can find nature and technology blending in our campus.

Sreyas provides you with all the opportunity and liberty to discover yourself. The institution aims at encouraging the students to develop, master and gain the knowledge to the latest technology and global development. I believe that these will be the best years of your lives. The years you spend in our institution will shape your future and make you an excellent engineer and a wonderful human being.

On behalf of every member of this institution, I welcome you to our college. We are here to guide and assist you all the way to achieve your goal and excel in all that you do while you are with us.

MESSAGE FROM THE SECRETARY

We, at Sreyas Institute of Engineering and Technology, are committed to build a congenial atmosphere for the next generation of engineers to excel professionally. Our endeavor is to meticulously sculpture our students of B.Tech in being the best in their chosen fields. The main emphasis and mandate is excellence, perfection and all round development. We believe and understand that as educators have a special responsibility to nurture co-operation, tolerance and mutual respect in our diverse society. We expect the students of Sreyas to broaden their horizon both academically and culturally. The emphasis is to make the college a place to promote freedom of thought, creativity and innovation which are essential to academic excellence.

Sreyas guarantees its students better access to corporate world through summer internships. This in turn leads them good placements at the end of their course.

Do Come, join us and enjoy the best years of your life with us at Sreyas.



Anantula Vinay Kumar Reddy



Chintala Ravindranath Yadav



Sri Nirvetla Sharath Reddy

MESSAGE FROM THE TREASURER

You'll find that everything at SREYAS is single-mindedly focused on addressing students' needs. We are clear that it is our responsibility to help our students to realize their goals in an increasingly competitive world.

At SREYAS, be prepared to be constantly challenged, whether it is in classroom or outside. You can look forward to being trained by excellent and committed faculty, get hands-on experience in the state of the art technology in world class MNCs and building enduring bonds with your peers.

The infrastructure at SREYAS is absolutely world class and you will build practical skills at laboratories and workshops. You will also enjoy a vibrant campus life with its diverse and enthusiastic student community.

Finally, SREYAS is about always trying to push the bar a little more, constantly innovating and never standing still. If these are values you believe in too, you will do well at SREYAS. If you have the drive and determination, come to SREYAS and we will help you realize your dreams.



Sri Anantula Hriday Reddy

MESSAGE FROM THE VICE CHAIRMAN

As the Vice Chairman of Sreyas Institute of Engineering and Technology, I extend a heartfelt welcome to our dynamic community. Our mission is to develop students who can confront any challenge, whether in academics or the real world. Our distinguished faculty are dedicated to offering exceptional guidance and mentorship. We provide access to cutting-edge technology and invaluable hands-on experience through partnerships with leading multinational corporations. At Sreyas, we prioritize building enduring and meaningful connections among our students. We empower our students to not only learn but also master the latest technological advancements. Our aim is to nurture well-rounded individuals who are prepared to lead and innovate in the future. We are forging a future where our students are at the forefront of technological progress.

MESSAGE FROM THE PRINCIPAL

At Sreyas, we are deeply committed to cultivating a culture of academic excellence and innovation. As a principal of this college, my foremost objective is to uphold and enhance the exceptional standards of teaching and research that define the essence of our institution. With over 26 years of rich experience in teaching and administration, I am steadfast in my dedication to overseeing, guiding, and continually elevating the quality of our educational initiatives. This pursuit of excellence is a collaborative endeavor, powered by the collective passion and hard work of our esteemed faculty, and ambitious students. Together, we aim to nurture future-ready professionals equipped with cutting-edge knowledge, refined skills, and unwavering ethical values—individuals who will meaningfully contribute to societal progress and national development.



Dr.C.Udaya Kiran

MESSAGE FROM THE DEAN-ACADEMICS

As the Dean-Academics at Sreyas Institute of Engineering and Technology, we champion innovation and academic excellence. Our students engage in pioneering research and hands-on projects, preparing them for industry challenges. We provide advanced labs and foster collaborative, critical thinking.

We empower lifelong learners, adaptable innovators, and ethical professionals. Our commitment to an inclusive and supportive learning environment inspires a passion for discovery and continuous improvement. We nurture well-rounded engineers ready to make significant contributions to society.



Prof. B. Sreenivasu



Dr. J. Pandu Ranga Rao



Dr. N. Murali Krishna
HOD



Mr. Chinnam S V Maruthi Rao
Incharge HOD

MESSAGE FROM THE DEAN-IQAC

Sreyas Institute of Technology proudly presents its magazine, showcasing student creativity and talent.

The publication fosters holistic development, nurturing technical and life skills.

It cultivates critical thinking, self-expression, and social responsibility. The magazine aims to inspire students to become impactful leaders.

Sreyas is dedicated to shaping future leaders through innovation and excellence.

MESSAGE FROM THE HODs

We, the HODs of ECE, foster innovation and academic excellence. We provide a strong ECE foundation with practical, real-world relevance. Students engage in cutting-edge research and hands-on projects, preparing them for industry. We offer advanced labs and promote collaborative, critical thinking. Our goal is to develop visionary leaders in ECE. We empower lifelong learners, adaptable innovators, and ethical professionals. We are dedicated to shaping the future of ECE and technological progress. We strive to instill a passion for discovery and problem-solving. We are committed to fostering an inclusive and supportive learning community. We encourage students to embrace challenges and cultivate a spirit of continuous improvement. We are dedicated to nurturing well-rounded engineers who are prepared to make significant contributions to society.

ICT ACADEMY AWARD



**EDUCATION CHANGE MAKER AWARD 2024 (ICT ACADEMY) -
SRI ANANTULA HRIDAY REDDY.**

ICT Academy Confers "Education Change Maker" Award to Mr. A Hriday Reddy, Vice Chairman, Sreyas Institute of Engineering and Technology in a momentous recognition of his visionary leadership and dedication to educational excellence. Mr A Hriday Reddy, Vice Chairman of Sreyas Institute of Engineering and Technology, has been honoured with the prestigious "Education Change Maker" award by the ICT Academy on 14th November 2024. This accolade celebrates his exemplary contributions to the transformation of engineering education and his relentless pursuit of academic and infrastructural innovations.



**ICT ACADEMY- INSTITUTE OF EXCELLENCE IN
TELANGANA 2024**

ICT Academy, a premier institution dedicated to empowering educators and fostering technological advancement in education, confers the "Education Change Maker" award to individuals who demonstrate outstanding contributions to transforming the education landscape. Mr. Hriday Reddy's achievements exemplify the spirit of this award, as he continues to lead with a vision of creating an inclusive and innovative educational ecosystem. Looking Ahead Receiving the "Education Change Maker" award marks yet another milestone in Mr. Hriday Reddy's illustrious journey as a leader in engineering education

ICT ACADEMY



PROF. SRIHARSHA OF SIET RECEIVING ICT ACADEMY- FINISHING SCHOOL OF EMPLOYABILITY CERTIFICATE OF MEMBERSHIP



SREYAS INSTITUTE OF ENGINEERING AND TECHNOLOGY RECEIVES FINISHING SCHOOL FOR EMPLOYABILITY CERTIFICATE OF MEMBERSHIP

In a significant achievement, Sreyas Institute of Engineering and Technology has been awarded the prestigious Finishing School for Employability Certificate of Membership by the Infosys Foundation, in collaboration with ICT Academy. This recognition underscores the institute's unwavering commitment to enhancing the employability of its students by bridging the gap between academic learning and industry requirements. The Finishing School initiative aims to empower students with industry-relevant skills, ensuring they are well-prepared for the dynamic job market. Through this membership, Sreyas Institute will gain access to specialized training programs, resources, and mentorship designed to enhance technical skills, soft skills, and workplace readiness. This collaboration highlights Sreyas Institute's dedication to fostering strong industry-academia partnerships and equipping its graduates with the competencies needed to excel in their careers.

ABOUT ECE DEPARTMENT

The Department of Electronics and Communication Engineering was established in the year 2011. The major objective of the Department is to impart high-quality education and research. All through its sparkling history, the department of ECE has been known for its exceptionally strong Under-Graduate training programs. Courses like Electronic devices and circuits, Signals & systems and Electric Circuits are introduced in the early semesters. Advanced courses and electives such as Analog & Digital Communications, Satellite communications, Radar systems and Wireless communications and networks in later years enable students to specialize in communications, signal processing, robotics, VLSI, embedded systems and other streams. Since its inception, the Department has progressed rapidly and is now regarded as one of the Premier Departments, with excellent infrastructure and quality Faculty members. The Department has MOUs with BSNL, Corel Technologies, Physitech, SS Electronics and Campus Image.

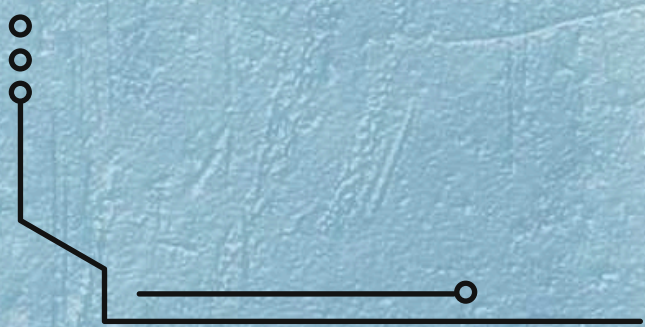




VISION

To excel in electronics & communication engineering education with the knowledge of innovation, research and ethics.

MISSION

- 1.To provide academic environment that promotes student centric learning through quality education and state of the art infrastructure.
 - 2.To make the students aspire towards innovation and collaborative research to meet the technological needs of society.
 - 3.To engage the students in activities which inculcate professional practices with social concern.
- 

Program Educational Objectives (PEOs)

PEO 1

Graduate will be empowered with strong fundamental concepts, analytical capability, programming and problem solving skills.

PEO 2

Graduate will be employed, may pursue higher education or undertake research

PEO 3

Graduate will embrace Professional Career Growth with Values & Ethics and urge for lifelong learning.

Program Outcomes (POs)

1.Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

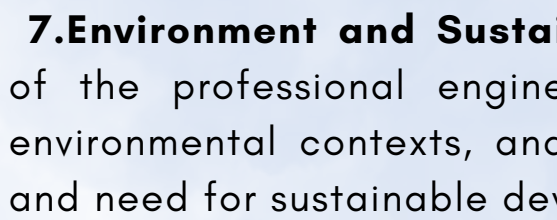
2.Problem Analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

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.

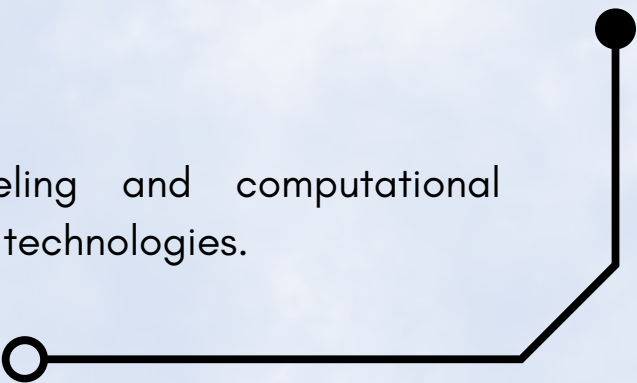
Program Specific Outcomes (PSOs)

PSO 1

Design, analyze and develop modules and systems for applications in advanced electronics and communication systems.

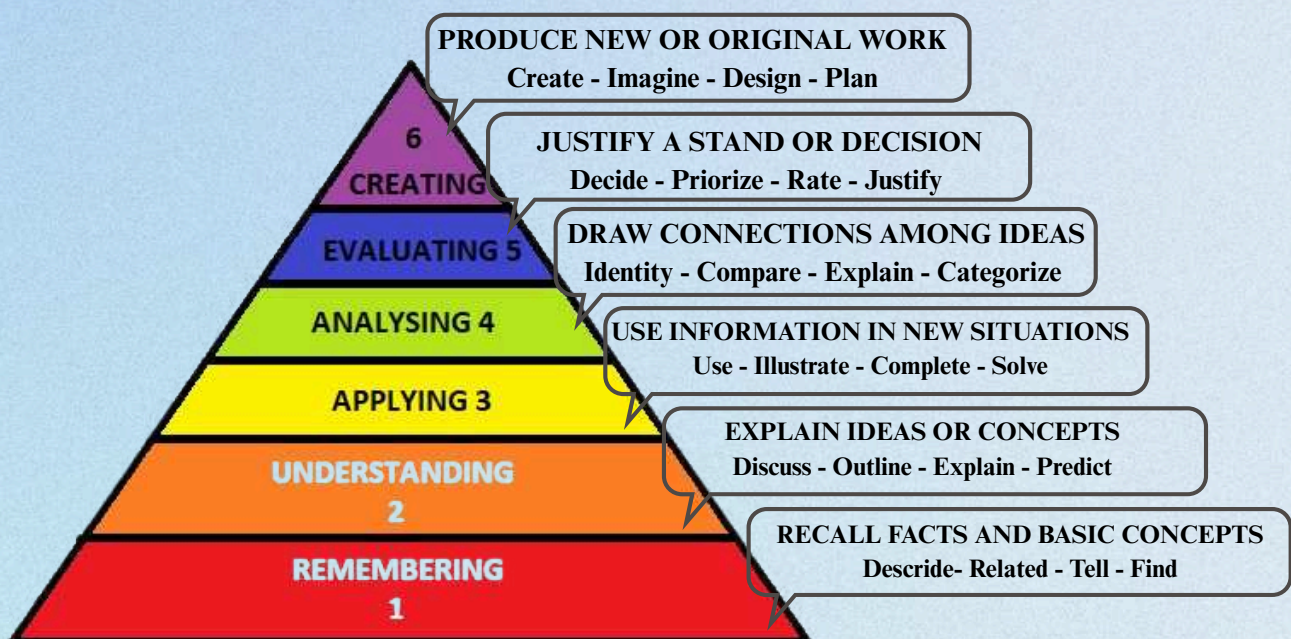
PSO 2

Utilize modern tools for modeling and computational techniques in IC fabrication and RF technologies.



FRAME WORK FOR IMPLEMENTARY OUTCOME-BASED EDUCATION

Outcome-Based Education (OBE) is a student-centered approach that fundamentally shifts the focus of education from what is taught to what students are able to know and do by the end of their learning journey. It begins with clearly defining these desired learning outcomes, which then guide every aspect of the curriculum, instructional methods, and assessment strategies. Unlike traditional models, OBE emphasizes developing practical skills and competencies like critical thinking, problem-solving, and communication, ensuring graduates are well-equipped for real-world challenges. Through continuous assessment and feedback, the system constantly refines itself to ensure that all students achieve the specified outcomes, making education more relevant, effective, and accountable.



LABORATORIES

- **Electrical Lab (Circuits):** Practical exploration of fundamental electrical circuit principles and behavior.
- **Basic Electrical Engineering Lab (BEE):** Introduction to essential electrical engineering concepts through hands-on experimentation.
- **Microwave / Optical Communication Lab:** Investigation of microwave and optical communication technologies and systems.
- **Electronic Devices & Circuits Lab / Analog Electronics / Elements of Electronics and Communication Engineering Lab:** Hands-on study of electronic components and analog circuit design.
- **Linear and Digital Application / Digital Logic Design:** Practical implementation of linear and digital circuits, including digital logic design.
- **Principles of Communication Lab:** Experimental analysis of fundamental communication principles and techniques.
- **Electronic Circuit Analysis (Software) / Principle of Communication (Software) / Data Communication Networking Lab:** Software-based analysis of electronic circuits and communication principles, and practical data networking experiments.
- **Microprocessor and Micro Controller Lab / Digital Signal Processing Lab:** Programming and implementation of microprocessor/microcontroller systems and digital signal processing algorithms.



ANALOG ELECTRONICS LAB



DIGITAL SIGNAL PROCESSING LAB



PRINCIPLES OF COMMUNICATION(S/W) LAB



PRINCIPLES OF COMMUNICATION LAB



ELECTRONIC DEVICES AND CIRCUITS LAB



DIGITAL LOGIC DESIGN LAB



FACULTY PUBLICATIONS

1. B. Majji and J. Pandu, "Transmission Gate based Reordered Normal Basis Multiplier," 2025. Devices for Integrated Circuit (DevIC), Kalyani, India, 2025, pp. 385-389, doi: 10.1109/DevIC63749.2025.11012382.
2. Reddy, G. ., Pandu, J. and Babu, C. . . (2025), Optimizing FECAF in MTSFM Waveforms Using Conjugate Gradient Descent With Efficient Line Search for Radar and Sonar Applications. Int J Commun Syst, 38: e70027.
3. Pandu, J., Reddy, G.R.S. & Babu Ch, A. Medical Image Segmentation Using Multi-Head Self-Attention-Based Residual Double U-Net. J. Shanghai Jiaotong Univ. (Sci.) (2024).
4. Bhukya, S., Devi, L.N. & Rao, A.N. "Enhanced Micro-Expression Recognition Through Graph Convolutional Networks and Metric Learning". J. Shanghai Jiaotong Univ. (Sci.) (2025).
5. Bhukya, S., Devi, L.N. & Rao, A.N. "Optimised facial expression recognition via a hybrid ensemble classifier and improved feature extraction techniques" International Journal of Intelligent Engineering Informatics (IJIEI), Vol. 13, No. 2, 2025.
6. Bhukya, Sreenivasu; Devi, L. Nirmala; Rao, A. Nageswar "A Fusion Framework for Micro- Expression Recognition Using Hierarchical Transformer Network with DEAC". International Journal of Intelligent Engineering & Systems, 2025, Vol 18, Issue 3, p39, DOI:10.22266/ijies2025.0430.04.

FACULTY NPTEL CERTIFICATIONS



NPTEL provides accessible online education from top Indian institutions, enhancing learning across diverse disciplines. It empowers individuals with valuable skills and certifications for professional and personal development.

Achievement Category	Count	Remarks
Total Certifications	17	Demonstrates broad engagement in learning
 Gold Certifications	-	Prestigious achievement
 Silver Certifications	8	High level of success
Elite Certifications	5	Significant accomplishment
Passing Faculty	4	Commitment to knowledge acquisition
Top 5% Rankings	-	Excellence in learning



Elite NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to
DR J PANDU
for successfully completing the course



Introduction to Internet of Things

with a consolidated score of **77** %

Online Assignments	21.66/25	Proctored Exam	55.5/75
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Total number of candidates certified in this course: **33131**

Jul-Oct 2024
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS115S750203561

To verify the certificate



No. of credits recommended: 3 or 4



Elite NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to
PAVANI MUNAGALA
for successfully completing the course



Cloud Computing

with a consolidated score of **82** %

Online Assignments	25/25	Proctored Exam	56.77/75
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Total number of candidates certified in this course: **30816**

Jul-Oct 2024
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS118S950201401

To verify the certificate



No. of credits recommended: 3 or 4



Elite NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SOWJANYA AKUMALLA
for successfully completing the course



Introduction To Internet Of Things

with a consolidated score of **86** %

Online Assignments	24.78/25	Proctored Exam	61.5/75
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Total number of candidates certified in this course: **38143**

Jan-Apr 2025
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL25CS44S447003454

To verify the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)





This certificate is awarded to
SRAVANTHI BALGURI
for successfully completing the course

Introduction to Internet of Things

with a consolidated score of **75** %

Online Assignments	24.16/25	Proctored Exam	51/75
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Total number of candidates certified in this course: **33131**



Jul-Oct 2024
(12 week course)



Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS115S750203861

To verify the certificate 

No. of credits recommended: 3 or 4



Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)





This certificate is awarded to
SOWJANYA AKUMALLA
for successfully completing the course

Wireless Ad Hoc and Sensor Networks

with a consolidated score of **80** %

Online Assignments	24.17/25	Proctored Exam	55.5/75
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Total number of candidates certified in this course: **685**



Jan-Mar 2025
(8 week course)



Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur




Indian Institute of Technology Kharagpur



Roll No: NPTEL25CS74S447001208

To verify the certificate 


No. of credits recommended: 2 or 3




NPTEL-AICTE

Faculty Development Programme

(Funded by the MoE, Govt. of India)







This certificate is awarded to
BHAVANA MAJJI
for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **83** %



Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras





(Jul-Sep 2024)

Roll No: NPTEL24CS815436804516

Duration of NPTEL course : 8 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 16th Nov. 2023, similar to other refresher / orientation courses. F.No. AICTE / RIFO / FDP through MOOCs / 2023.

CERTIFICATE OF APPRECIATION


TO

BHAVANA MAJJI


Computer Science and Engineering

for being recognized as NPTEL DISCIPLINE STAR

JUL-DEC 2024





Prof. Andrew Thangaraj
Chair
Centre for Subatomic and Digital Education, IITM



Prof. Vignesh Mathurajeyan
NPTEL Coordinator
IIT Madras

NPTEL DISCIPLINE STAR
Candidate has to be certified in courses of online learning, completed more than 50 weeks of learning, final score in each subjectivity.

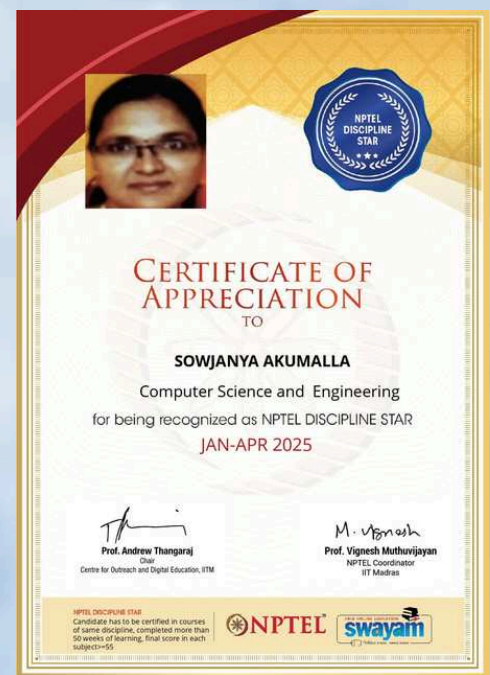



FACULTY ACHIEVEMENTS



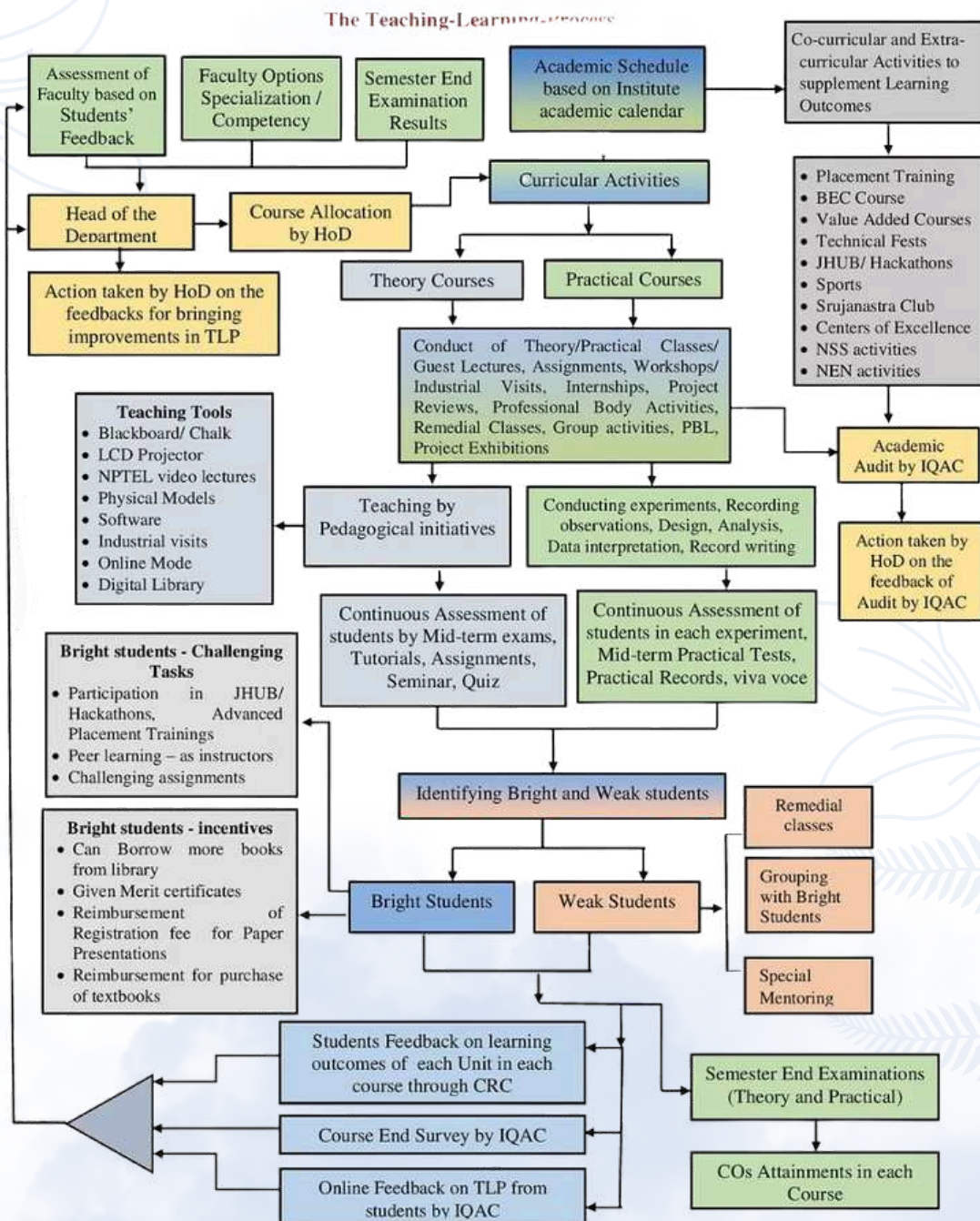
Mr. Ashok Battula of ECE Department has successfully completed his Ph.D and has been awarded Doctorate by Sathyabama University, Tamilnadu.





INNOVATIVE TEACHING METHODS

Innovative teaching methods are dynamic, student-centric approaches that move beyond traditional lectures, actively engaging learners through diverse strategies like project-based learning, flipped classrooms, and technology integration. Their aim is to foster critical thinking, problem-solving, and deeper understanding, making learning more interactive and relevant.



SEMESTER WISE TOPPERS

I YEAR I SEMESTER



Gavvala Shirisha

24VE1A0424

CGPA-9.75



Manda Sahasra

24VE1A0437

CGPA-9.45



Koraboina Lahari

24VE1A0434

CGPA-9.40

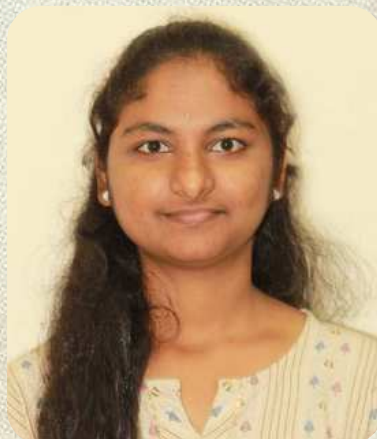
II YEAR I SEMESTER



Morthala Sindhuja

23VE1A0435

CGPA-9.68



Cheemala Meghana

24VE5A0411

CGPA-9.50



Jasmin Patnaik

23VE1A0421

CGPA-9.35

SEMESTER WISE TOPPERS

III YEAR I SEMESTER



Samala Sri Ssanvi

22VE1A0451

CGPA-9.49



V. Rajasree

22VE1A04C9

CGPA-9.48



K. Vaishnavi

22VE1A0489

CGPA-9.28



Deepthi

22VE1A0474

CGPA-9.28

IV YEAR I SEMESTER



Sangishetti Murali

21VE1A0457

CGPA-8.43



Bukhya Bhavani

21VE1A0476

CGPA-8.43



Nakarikanti Swetha

21VE1A04B0

CGPA-8.38

STUDENTS' NPTEL CERTIFICATIONS



NPTEL provides accessible online education from top Indian institutions, enhancing learning across diverse disciplines. It empowers individuals with valuable skills and certifications for professional and personal development.

Achievement Category	Count	Remarks
Total Certifications	67	Demonstrates broad engagement in learning
 Gold Certifications	-	Prestigious achievement
 Silver Certifications	48	High level of success
Elite Certifications	19	Significant accomplishment
Passing Faculty	-	Commitment to knowledge acquisition
Top 5% Rankings	-	Excellence in learning



Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)





This certificate is awarded to

MAHI SRIJA

for successfully completing the course

Foundation of Cloud IoT Edge ML

with a consolidated score of **78** %

Online Assignments	24.17/25	Proctored Exam	54/75
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Total number of candidates certified in this course: **7371**





Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Feb-Apr 2025
(8 week course)



Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur




Indian Institute of Technology Kanpur



Roll No: NPTEL25CS75S447007278

To verify the certificate 


No. of credits recommended: 2 or 3




Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)





This certificate is awarded to

MYTHRI SANGARS


for successfully completing the course


Introduction To Internet Of Things

with a consolidated score of **77** %

Online Assignments	21.03/25	Proctored Exam	55.5/75
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Total number of candidates certified in this course: **38143**






Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur


Jan-Apr 2025
(12 week course)




Indian Institute of Technology Kharagpur



Roll No: NPTEL25CS44S447007485

To verify the certificate 


No. of credits recommended: 3 or 4

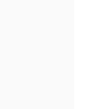


Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)





This certificate is awarded to

AVL VAISHNAVI


for successfully completing the course

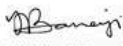
Introduction To Internet Of Things

with a consolidated score of **71** %

Online Assignments	21.44/25	Proctored Exam	49.5/75
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Total number of candidates certified in this course: **38143**






Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur


Jan-Apr 2025
(12 week course)



Indian Institute of Technology Kharagpur



Roll No: NPTEL25CS44S347002934

To verify the certificate 

No. of credits recommended: 3 or 4



Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
T M CHANDANA
for successfully completing the course

Introduction To Internet Of Things

with a consolidated score of **68** %

Online Assignments	21/25	Proctored Exam	46.5/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: **38143**

Jan-Apr 2025
(12 week course)



Haimanti Banerji
Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL25CS44S347000929

To verify the certificate



No. of credits recommended: 3 or 4



Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
SHRITHA THIRUMALA
for successfully completing the course

CMOS Digital VLSI Design

with a consolidated score of **61** %

Online Assignments	17.5/25	Proctored Exam	43.5/75
--------------------	---------	----------------	---------

Total number of candidates certified in this course: **1464**

Kaushik Ghosh
Prof. Kaushik Ghosh
Professor (Chemistry)
Coordinator CEC

Jan-Mar 2025
(8 week course)

Ranjana Pathania
Prof. Ranjana Pathania
Professor (BSBE)
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL25EE11S347000382

To verify the certificate



No. of credits recommended: 2 or 3



NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
VAISHNAVI THAKUR
for successfully completing the course

Introduction To Internet Of Things

with a consolidated score of **54** %

Online Assignments	20.6/25	Proctored Exam	33/75
--------------------	---------	----------------	-------

Total number of candidates certified in this course: **38143**

Jan-Apr 2025
(12 week course)



Haimanti Banerji
Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL25CS44S347002918

To verify the certificate



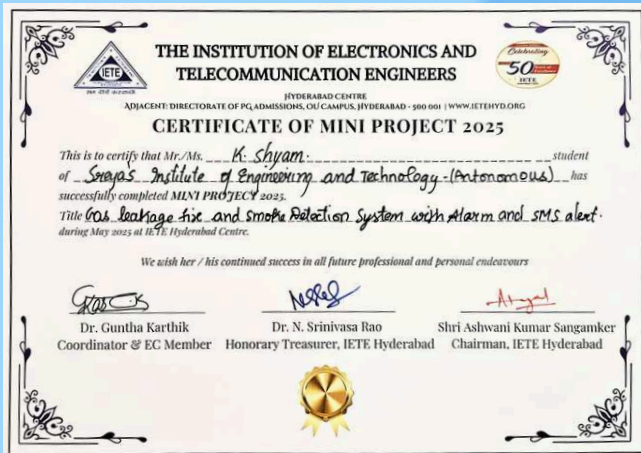
No. of credits recommended: 3 or 4

STUDENTS

PUBLICATIONS

S . N O	Name of the STUDENT	Title of the paper	Title of the proceedings of the conference	Name of the Conference	National / Internati onal	Year of Public ation
1	N. Varsha Ch. Shashank A. Sai Kiran	Biometric Voting Machine using Face Recognition and Fingerprint Verification using Raspberry Pi	World Research Forum for Engineers and Researchers	Internationa l Conference on Electrical and Electronics Engineering	Internati onal	May -2025
2	Gavvala Anusha Nanupatruni Nikhil Sai Bisabattini Venkata Ravi Teja	IOT based Thermal vision RC Tank for human detection in disaster area using Raspberry Pi	World Research Forum for Engineers and Researchers	Internationa l Conference on Electrical and Electronics Engineering	Internati onal	May -2025
3	Madhu Manasa Sai Sesha Muddamsetty Manda Shivani Bochu Akhil Teja	Active Plant system for green indoor climate using Raspberry Pi based on cloud	World Research Forum for Engineers and Researchers	Internationa l Conference on Electrical and Electronics Engineering	Internati onal	May -2025
4	Siddam Sri Harshini Mungi Vennela Akupati Bhargava Surya Deva	Wireless hand gestures controlled smart wheel chair with fault detection and location alert	World Research Forum for Engineers and Researchers	Internationa l Conference on Electrical and Electronics Engineering	Internati onal	Jul- 2025
5	Errabelly Praneeth Babu C Jaykanth Syed Nooruddin Quadri	A reliable and robust deep learning model for effective recyclable waste classification using IOT	World Research Forum for Engineers and Researchers	Internationa l Conference on Electrical and Electronics Engineering	Internati onal	Jul- 2025

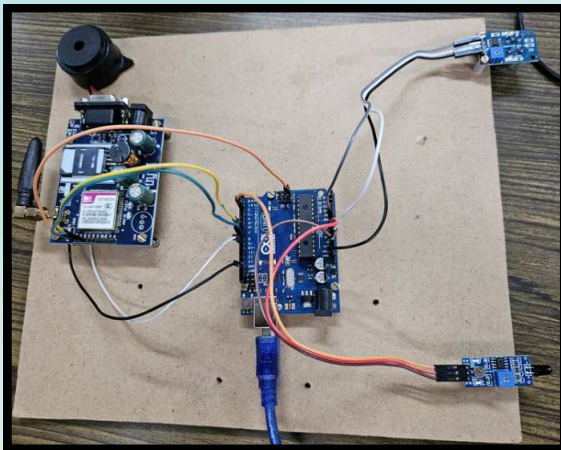
STUDENTS ACHIEVEMENTS



STUDENTS INNOVATIONS



THIS PROJECT PRESENTS A SMART WHEELCHAIR WITH WIRELESS CONTROL, FALL DETECTION, AND LOCATION TRACKING TO ENHANCE SAFETY AND MOBILITY FOR THE ELDERLY AND DISABLED. IT INCLUDES ALERT SYSTEMS TO NOTIFY CAREGIVERS IN CASE OF EMERGENCIES.



THIS PROJECT IS AN ARDUINO-BASED FIRE AND GAS LEAKAGE DETECTION SYSTEM WITH GSM ALERT FUNCTIONALITY. IT USES SENSORS TO DETECT HAZARDS AND INSTANTLY SENDS SMS ALERTS FOR QUICK EMERGENCY RESPONSE.

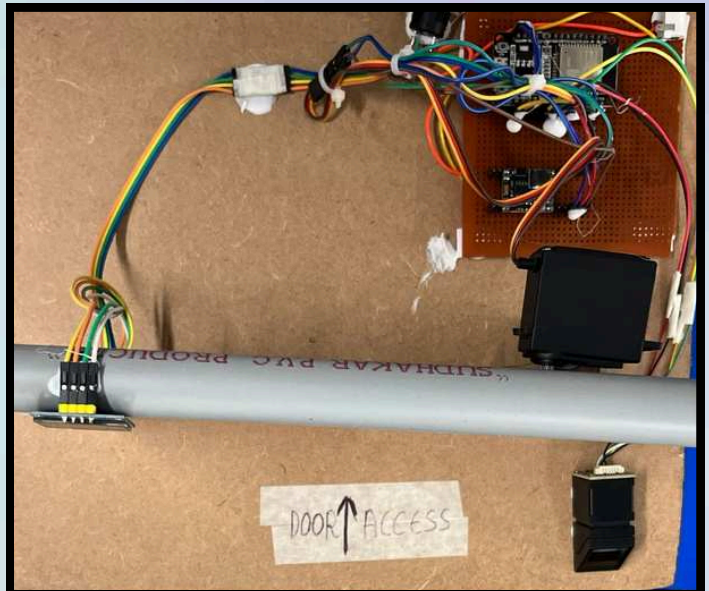


THIS PROJECT INVOLVES THE DESIGN AND TESTING OF A QUADCOPTER DRONE CONTROLLED VIA A REMOTE SYSTEM FOR AERIAL OPERATIONS. IT AIMS TO ENHANCE UNDERSTANDING OF DRONE MECHANICS, ELECTRONICS, AND REAL-TIME CONTROL APPLICATIONS.

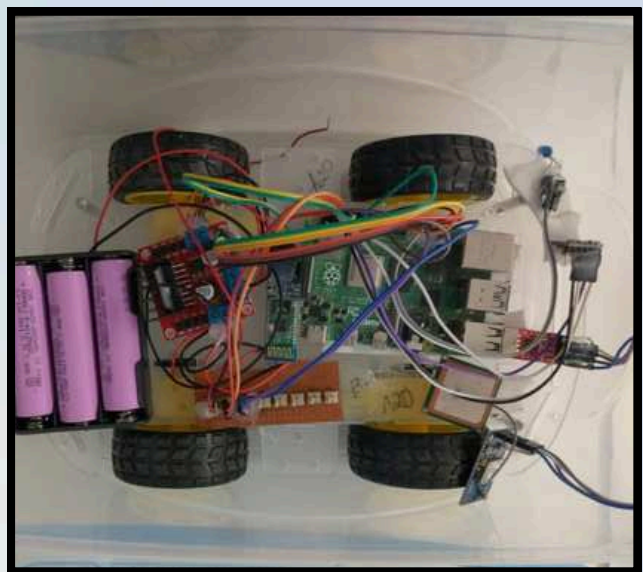
THIS PROJECT USES A RASPBERRY PI AND USB WEBCAM TO CAPTURE AND PROCESS REAL-TIME VIDEO FOR SURVEILLANCE OR IMAGE RECOGNITION TASKS. IT ENABLES AUTOMATED MONITORING AND CAN BE ENHANCED WITH MOTION DETECTION OR AI-BASED ANALYSIS.



THIS PROJECT IS A FINGERPRINT-BASED DOOR ACCESS CONTROL SYSTEM THAT USES BIOMETRIC AUTHENTICATION FOR SECURE ENTRY. IT OPERATES A SERVO MOTOR TO UNLOCK THE DOOR ONLY FOR AUTHORIZED USERS.



THIS PROJECT IS A RASPBERRY PI-BASED SMART ROBOTIC VEHICLE DESIGNED FOR OBSTACLE DETECTION AND AUTONOMOUS NAVIGATION. IT USES SENSORS AND MOTOR DRIVERS TO MOVE INTELLIGENTLY AND AVOID COLLISIONS IN REAL-TIME.



IEEE STUDENT EVENTS

IEEE DAY



PCB WORKSHOP



CISCO PACKET TRACER



IIOT WORKSHOP

**IEEE SREYAS**
STUDENT BRANCH

**IEEE**
Sensors Council

**physitech**
ELECTRONICS

**SREYAS**
AUTONOMOUS

 19th- 22nd february IB - 202



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
IN COLLABORATION WITH
PHYSITECH ELECTRONICS AND IEEE SREYAS STUDENT BRANCH
CERTIFICATE OF APPRECIATION
PRESENTED TO


KONDAPALLY SHYAM

student of ECE Department II - II Year/semester has Volunteered in FOUR DAY Workshop on IoT held on 19th to 22nd February 2025, organized by the IEEE Sreyas Student Branch and Department of ECE at Sreyas Institute of Engineering and Technology in collaboration with the Physitech Consultancy Services, Secunderabad.


Mohd Nabi Shareef
PCS COORDINATOR


Chinnam S V Maruthi Rao
HEAD OF THE DEPARTMENT ECE
IEEE STUDENT BRANCH COUNSELLOR


Dr. C. Udaya Kiran
PRINCIPAL




DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
IN COLLABORATION WITH
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CERTIFICATE OF APPRECIATION
PRESENTED TO

K. ANANYA

student of ECE Department II - II Year/semester has Volunteered in FOUR DAY Workshop on IoT held on 19th to 22nd February 2025, organized by the IEEE Sreyas Student Branch and Department of ECE at Sreyas Institute of Engineering and Technology in collaboration with the Physitech Consultancy Services, Secunderabad.


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IEEE STUDENT BRANCH COUNSELLOR


Dr. C. Udaya Kiran
PRINCIPAL

A SEMINAR ON MASTERING AI AGENTS



A SEMINAR ON MULTI PERSPECTIVE DEEP LEARNING ARCHITECTURES



COLLEGE EVENTS

Freshers



NSS EVENTS



ANTI-DRUG ABUSE SUMMIT-2024



EKAM EVENT



KALOTHSAV EVENT



VIKASITH BHARATH EVENT



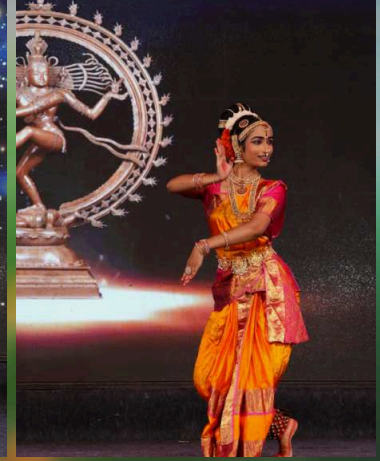
REPUBLIC DAY EVENT

CULTURAL DAY



SRIYAMI

2024-2025



Signature Day



MOUs

S.No	Name of the MOU	Date of signed
1	DADB	26 06 2025
2	Airport Authority of India	28 10 2024
3	Supraja Technologies	30 11 2024
4	Brain vision Solutions India Pvt Ltd	17 09 2024
5	Founders Lab Pvt Ltd	18 07 2024
6	EduSkills Foundation	05 11 2022
7	SattvaQ IT Solutions Pvt Ltd	26 10 2022
8	ACIC-KL Startups Foundation	05 08 2023
9	PupilFirst Pvt Ltd	09 10 2023
10	ExcelREdtechPvt Ltd	10 10 2023
11	Cybersecurity center of exllence,Telangana	12 10 2023
12	CSC Academy	21 12 2023
13	ICT Academy	03 12 2022
14	T-Tribe	20 07 2021
15	Nilaya Architects, Structural Consultants& Constructions	01 07 2022
16	Global Navigators Overseas Education Consultants	16 11 2022
17	Student Tribe	09 01 2025
18	Board of Apprenticeship Trainings	23 01 2025
19	Youth for Seva	07 03 2025
20	KauntamKruX	28 03 2025
21	InnovatioHub(Robotic Research & development centre	10 07 2025

PLACEMENTS DATA



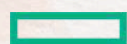
The ECE department achieved a strong placement record, successfully placing 46 students. This reflects the department's commitment to career readiness and industry connections.

S.No	Company Name	No. of Students Placed	Package(Lakhs)
1	ACADEMOR	15	4 LPA
2	ARTECH	1	4.6 LPA
3	CADSYS	3	3.17-3.43
4	CONGIZANT	3	4.5 LPA
5	INTELLIPAAT	2	9 LPA
6	KNACK TECH	1	6 LPA
7	LEARNFLU	4	6 LPA
8	MGH INFRASTRUCTURES	1	6 LPA
9	MPHASIS	2	4 LPA
10	RINEX TECHNOLOGIES	6	10 LPA
11	SAVANTIS SOLUTIONS	1	4 LPA
12	SMART BRAINS	4	2.7 LPA
13	SUTHERLAND GLOBAL	1	2.7 LPA
14	VIRTUSA	1	2.6 LPA
15	WORKOHOL	1	5 LPA

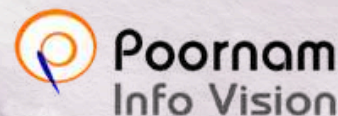
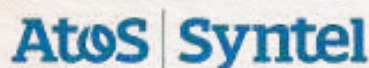
Placement of outgoing students during the Academic year 2024- 2025

S.No	Roll No	Student Name	Company Name	Package (LPA)
1	21VE1A0401	Sandhya Arru	Academor	4
2	21VE1A0405	Amuka Sai Kiran	Smart Brains	2.7
3	21VE1A0407	Sai Hruthik Bachu	Academor	4
4	21VE1A0417	Shashank Chittipalli	Academor	4
5	21VE1A0422	Dongapure Keerthi	Learnflu	6
6	21VE1A0424	Errabelly Praneeth Babu	Cognizant	4.5
7	21VE1A0428	Nikhitha Godha	Learnflu	6
8	21VE1A0429	Lokesh Golconda	Academor	4
9	21VE1A0430	Golkonda Aishwarya	Learnflu	6
10	21VE1A0431	Gummadi Narendher	Smart Brains	2.7
11	21VE1A0438	Kalyani Bijjula	Rinex Technologies	10
12	21VE1A0441	Kukutlapally Thanuja	Academor	4
13	21VE1A0442	Medhini Dhori	Academor	4
14	21VE1A0445	Varshaa N	Academor	4
15	21VE1A0448	Abhinay Narmeta	Mphasis	4
16	21VE1A0451	Patharla Yedu Vamshi	Knack Tech	6
17	21VE1A0456	Saikam Neha	Smart Brains	2.7
18	21VE1A0458	Syed Aris Hussain	Rinex Technologies	10
19	21VE1A0459	Syed Nooruddin Quadri	Virtusa	2.6
20	21VE1A0460	Bala Rohit Reddy Thumma	Mphasis	4
21	21VE1A0464	Srilekha Adusumilli	Intellipaat	9
22	21VE1A0465	Akendra Bogati	Cadsys	3.3

23	21VE1A0475	Budati Venugopal Reddy	Smart Brains	2.7
24	21VE1A0480	Rahul Chimarla	MGH Infrastructures	6
25	21VE1A0481	Srichandana Dasaradhi	Cadsys	3.43
26	21VE1A0485	Varshini Ganji	Academor	4
27	21VE1A0488	Hemanth Goshika	Workohol	5
28	21VE1A0489	Vinay Kumar Gundu	Academor	4
29	21VE1A0496	Neeraja Kakunuri	Rinex Technologies	10
30	21VE1A04A0	Anupam Ram Mohan Chary Kommoju	Sutherland Global	2.7
31	21VE1A04A1	Chaithanya Kota	Cognizant	4.5
32	21VE1A04A3	Madhu Manasa Muddamsetty	Savantis Solutions (HCL)	4
33	21VE1A04A5	Ashok Maloth	Academor	4
34	21VE1A04A6	Mina Endroju	Academor	4
35	21VE1A04A8	Vennela Mungi	Academor	4
36	21VE1A04B0	Swetha Nakarikanti	Academor	4
37	21VE1A04B4	Akash Papala	Cognizant	4.5
38	21VE1A04B6	Preethika Chiratla	Rinex Technologies	10
39	21VE1A04B8	Vishwanth Rahul Rayasam	Rinex Technologies	10
40	21VE1A04B9	Srilekha Sangem	Academor	4
41	21VE1A04C1	Sri Harshini Siddam	Intellipaath	9
42	21VE1A04C7	Yannam Vinay	Cadsys	3.17
43	22VE5A0404	Chiliveru Nisha	Academor	4
44	22VE5A0410	Trishita Macha	Rinex Technologies	10
45	22VE5A0411	Manda Shivani	Learnflu	6
46	22VE5A0413	Yamuna Seetha	Artech	4.6



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