

**Autonomous Institution, Affiliated to
Anna University, Chennai
Approved by the AICTE, Accredited by NAAC**

VIDYUT

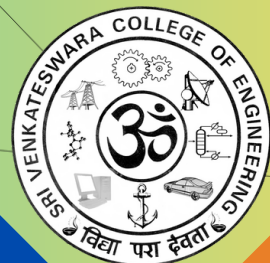
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ABOUT THE DEPARTMENT

Department of Electrical & Electronics Engineering (EEE), SVCE

Established in 1985, the department was created to address the curriculum requirements of Electrical engineering subjects within Electronics and Communication Engineering, Mechanical Engineering, and Computer Science Engineering. EEE Undergraduate program was later started in 1994 with an intake of 60 students. Addressing the growing demand for EEE UG program, the intake was later increased to 120 students.

The department holds permanent affiliation with Anna University and has been accredited by the National Board of Accreditation (NBA) since 2002. Additionally, it offers a postgraduate program (M.E) in Power Electronics and Drives since 2002, with an intake capacity of 6 students. Equipped with state-of-the-art laboratories, the department is recognized as a nodal research center by Anna University. Its faculty and staff members are highly qualified and experienced, possessing proven abilities and skills.

Graduates of the department have been successfully placed in renowned companies, while a significant number pursue advanced studies abroad. The Department goes beyond the curriculum to nurture young minds by fostering technical clubs that promote technical events, community development, societal impact, and programs on universal values and ethics.

In line with this commitment, the Department of Electrical & Electronics Engineering has established the Institute of Electrical and Electronics Engineers (IEEE) and the Association of Electrical and Electronics Engineers (AEEE) to support students' innovations.

EEE – WE LIGHT THE WORLD



VIDYUT – October 2024

VISION AND MISSION OF THE INSTITUTION AND DEPARTMENT

Vision of the Institution

To gain acclaim as an institution of eminence on a national and global scale, through the contributions and accomplishments of the individuals, nurtured by the facilities and support.

Mission of the Institution

M1. To establish a motivational framework through provision of infrastructure and resources that actively engages the individuals in core activities of learning, education, research and innovation

M2. To advance the competency of the individuals to comprehend the requirements of the society and fulfill them, through honing of their skills and virtues.

M3. To leverage institutional experiential learning to address engineering and technological challenges on national and global scales.

Vision of the Department

To become a premier Department in Electrical and Electronics Engineering through quality education, research and innovation, to address contemporary societal challenges with cutting-edge technologies.

Mission of the Department

M1: To periodically upgrade the facilities and resources such that the students excel in Electrical and Electronics Engineering education.

M2: To equip students with a well-defined domain specific curriculum thereby achieve industry standards and sustainable development of the society.

M3: To promote a culture of research, innovation, and entrepreneurship through collaborative learning in the thrust and allied areas of Electrical and Electronics Engineering.

M4: To inculcate soft skills, foster ethical values and shape the total personality of the students.

PROGRAM EDUCATIONAL OBJECTIVES AND PROGRAM OUTCOMES – UG(EEE)

Program Educational Objectives (PEOs) UG-EEE

- PEO1:** Graduates will serve as engineering contributors in the emerging fields of Electrical, Electronics and Computer Engineering.
- PEO2:** Graduates will become entrepreneurs through human centered design thinking and innovation.
- PEO3:** Graduates will be successful in pursuing higher studies in engineering or management.
- PEO4:** Graduates will be effective and ethical team player in the field of green energy management and sustainability.

Program Outcomes (POs) for UG-EEE

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 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.

PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOMES – UG(EEE)

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 lead.

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)

PSO1: The ability to build, implement, test and maintain analog and/or digital systems and implement electronic control of Drives for Industrial automation and Electric Vehicle.

PSO2: The ability to analyze Power System network encompassing stability, control and protection and interconnection of Renewable Energy Sources with Micro and smart grid.

PROGRAM EDUCATIONAL OBJECTIVES AND PROGRAM OUTCOMES – PG(EEE)

Program Educational Objectives for PG Program (PEOs)

- I. Contribute professionally in fields of Power Electronic and related domains.
- II. Manage and execute research and development projects leading to technological solutions that address industries and society.
- III. Succeed in pursuing higher studies in engineering domains.

Program Outcomes (POs) for PG-PED

PO1: An ability to independently carry out research/investigation and development work to solve practical problems.

PO2: An ability to write and present a substantial technical report/document.

PO3: Students should be able to demonstrate a degree of mastery over the area as per the specialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program.

Program Specific Outcomes (PSOs) for PG-PED

PSO1: The ability to design and analyze Power Electronic converters and control of Electric drives for Industrial applications.

PSO2: The ability to apply Power Electronic Circuits in Transmission and distribution network of Power System and interconnection of Renewable Energy.

Department Activities

Ayutha Pooja Celebration in the Department of Electrical and Electronics Engineering (EEE)

October 10th, 2024

The Ayutha Pooja was celebrated on 10th October in the Department of Electrical and Electronics Engineering (EEE) in the presence of Head of Department (HOD) and Faculty members. The pooja was conducted in all the laboratories within the department, with the intention of seeking prosperity and knowledge for all students and staff. This annual ritual, which is a significant tradition, is meant to invoke blessings for the well-being and intellectual growth of everyone associated with the department. It was a peaceful and auspicious occasion, promoting a positive atmosphere of learning and success.



Ayudha pooja celebration at DC Machines Lab

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INDUSTRIAL VISIT - The Integral Coach Factory (ICF)

October 25th, 2024

Industrial visit was arranged at INTEGRAL COACH FACTORY (ICF), in CHENNAI on 25.10.2024. The main objective of the visit is to make the students aware of various activities related to furnishing works for manufacturing rail coaches. Mr. G. Vinothkumar, AP/EE and Ms. S. Akila, AP/EE along with 50 students (II Year) started from the college for the visit at 8.30 a.m. and reached ICF at 10 a.m. The company is located at Perambur in Chennai. As soon as we reached the company we were guided by Chennai rail museum co-coordinator.

Integral Coach Factory, Chennai, is a premier Production Unit of Indian Railways manufacturing passenger coaches. ICF is the first of its kind to be established after Independence for the manufacture of light weight, all steel and all welded Integral railway passenger coaches. The factory was set up in 1955 with Swiss collaboration.



Students in ICF with the Official explaining.

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STUDY ABROAD PROGRAM @ Lawrence Technological University, Michigan, USA

October 19th,2024

Recently, SVCE and Lawrence Technological University, Southfield, Michigan, USA signed an MoU focusing on a variety of academic and research activities. One of the major agreements is engaging EEE students in the Study Abroad program for the AY 2024-25.

Some of the key agreements in the Study Abroad Program include:

1. Admit up to 25 students for Spring 2025 with full Tuition Scholarship.
2. Provide scholarships for Housing and Food.

In continuation to the above activities, THREE Faculty members from LTU, as listed below, will be visiting SVCE on 19-10-24 to have interactions with SVCE faculty members and students to discuss future scope of MoU.

Faculty members from LTU:

- Dr. George Pappas, Assistant Professor and Director, MSAI graduate program.
- Dr. Eric Matinson, Chair for the Math and Computer Science Department
- Dr. Hamid Vejdani, Associate Professor, Director, M S. Mechanical Eng program, Co-Director, Formula Electric team



LTU members interacted with SVCE Faculty and Students



Faculty members from LTU interacting with students

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GRADUATION DAY

October 26th,2024

Graduation Ceremony for 2023 passed-out students of UG, PG and Ph.D. programs was held in SVCE College campus at the “His Holiness Sri Jayendra Saraswathi Platinum Jubilee Complex Multipurpose Hall” on Saturday, October 26, 2024. The Chief guest for the event was Dr. C. Anandharamakrishnan, Director, CSIR-National Institute of Interdisciplinary Science and Technology (CSIR-NIIST), Trivandrum

A total of 100 Undergraduate students, 2 postgraduate students and 2 PhD Scholars from the Department of Electrical and Electronics Engineering received their degrees of Anna University.



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Photographs from the Graduation Day Ceremony

Anti-Corruption Week Pledge

October 28th, 2024

Observance of Vigilance Awareness Week remains one of the primary tools of preventive vigilance with the focus on building awareness and re-affirming the commitment of everyone to uphold integrity in public governance. This year the CVC observes Vigilance Awareness Week from 30.10.2023 to 05.11.2023 with the theme “Say no to corruption; commit to the Nation”.

In an attempt to eliminate corruption, the faculty of EEE took pledge that they won't offer or accept bribes for any work. Dr. KR Santha, HOD/EE, initiated anti-corruption pledge.



Faculty Members taking Pledge

Professional Society Activities

IEEE Student Branch Event

Business Reboot – Disrupt, Rebuild, Revolute! - October 17th, 2024

On October 17th, 2024, the IEEE Student Branch at Sri Venkateswara College of Engineering (SVCE) hosted an engaging event titled "Business Reboot," themed "Disrupt, Rebuild, Revolute." The primary aim of this initiative was to inspire students to embrace innovative thinking and devise disruptive business solutions capable of addressing contemporary industry challenges. By focusing on practical applications of theoretical concepts, the event created an environment that encouraged participants to delve into entrepreneurial thinking and collaboration.

The structure of event was designed to facilitate maximum engagement and learning opportunities for participants. Initially, students were grouped based on their interests across various domains, including technology, finance, and marketing. The teams showcased creative approaches to these problems, offering practical, market-driven ideas. The judging criteria emphasized creativity, financial feasibility, scalability and disruption potential, providing students with valuable insights into the realities of business strategy, growth, and profitability.

The interactive nature of the event allowed participants to receive real-time feedback during the post-presentation Q&A sessions.

Each team was given a strict 7-minute timeframe to present their ideas, followed by a Q&A session with a panel of judges, encouraging concise communication and critical thinking. The Q&A session, led by a distinguished panel of judges—Professors Dr. S. Arulmozhi, Mrs. Sinthamani, R. Karthikeyan, Dr. S. Kumaravel, and student representatives Mr. Aravin Takshan K K and Mr. Sanjay Kumar.

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Student Team presenting in the Business Reboot Event - IEEE SB



Panel of Judges for Business Reboot Event- IEEE SB

Total of 15 teams participated from all departments of which best three teams were selected by the judging panel. Team SVS, comprising Sunil Sukumaran, Shashank M, and Varshitha M, all from 2nd year CSE-C, assigned to disrupt Fisker Inc.'s business model, secured the 1st prize [₹3000] for their innovative pitch.

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I Prize - Team SVS Sunil Sukumaran, Shashank M, and Varshitha M

Team EC2, comprising Sanjay Joshua of 1st year CSE-C, Jayasuriya R of 1st year CSE-B, and Sanjay S of 1st year IT-B, assigned to disrupt Porter's business model, earned the 2nd prize [₹2000].



II Prize Winners- Team EC2 Sanjay Joshua, Jayasuriya R, Sanjay S

Team New_Gen, consisting of Mohammed Kaleemullah A R, Rathina Devan M, and Neranjan K, all from 3rd year CSE-B, assigned to disrupt CRED's business model, rounded out the top three by securing the 3rd prize [₹1000] with their fresh perspective on the business challenge they faced.



III Prize Winners - Team New_Gen Mohammed Kaleemullah A R, Rathina Devan M, Neranjan K

The event concluded with an valedictory speech by Assistant Head of Department, EEE, who highlighted the significance of fostering innovation in the academic setting and recognized the students' efforts in developing disruptive solutions. He emphasized the importance of intellectual property, urging participants to safeguard their creative ideas as valuable assets in today's competitive landscape. Additionally, he spoke about the need for business acumen alongside technical knowledge, reminding students that understanding market dynamics, financial and feasibility are crucial for transforming innovative concepts into successful ventures.

The ISTD Chennai Chapter October Monthly Meeting

"Global Talent Development: Shaping Tomorrow's Workforce" - October 20th, 2024

The ISTD Chennai Chapter conducted its monthly meeting on October 20th, 2024, with a focused panel discussion on “Global Talent Development: Shaping Tomorrow's Workforce”. The virtual event brought together HR professionals and industry leaders to explore the impact of talent development in the age of rapid digital transformation, diversity, and inclusion.

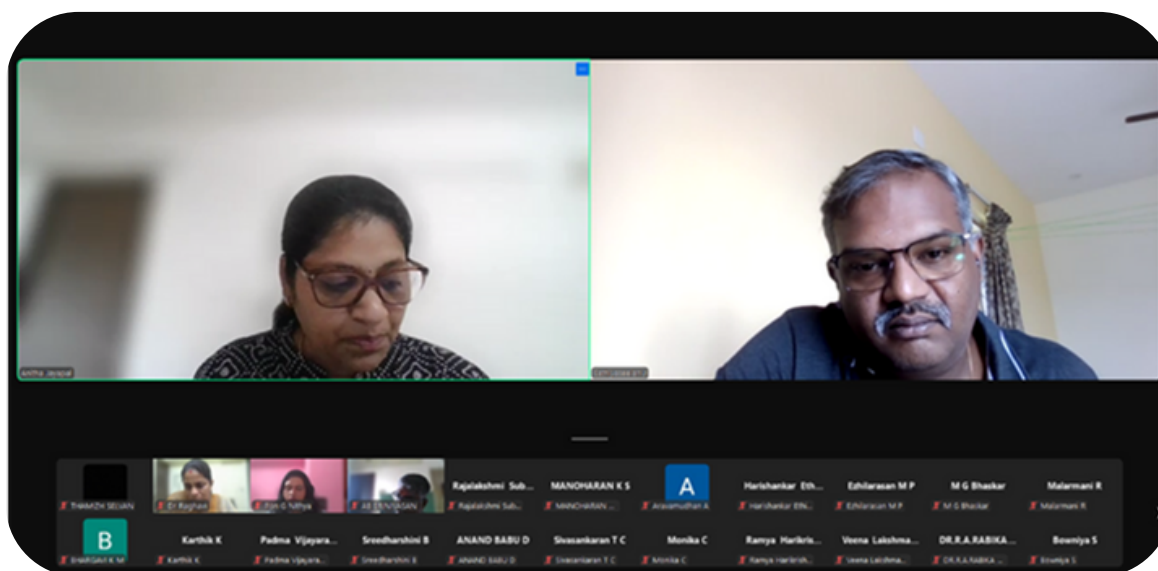
Moderated by Ms. Anitha Jayapal, Head HR at L&T Edu Tech, the session aimed to provide actionable insights on building future-ready workforces. Ms. Jayapal, drawing from her vast experience in HR and coaching, emphasized that the future of work requires organizations to be agile, inclusive, and driven by continuous learning.

Key Panellists and Their Contributions:

Mr. J. Sathiyaseelan; Talent Development Director, Valeo India Pvt . Ltd.

Mr. Sathiyaseelan opened the discussion by highlighting the four dimensions of diversity critical to organizational success: cognitive diversity, demographic diversity, experiential diversity, and organizational diversity. He explained how AI has become a crucial enabler in businesses, particularly in talent management, by using data-driven insights to ensure unbiased hiring practices and effective employee engagement. AI-powered tools, he noted, help identify skill gaps and create personalized learning pathways, ensuring employees remain competitive in evolving business landscapes.

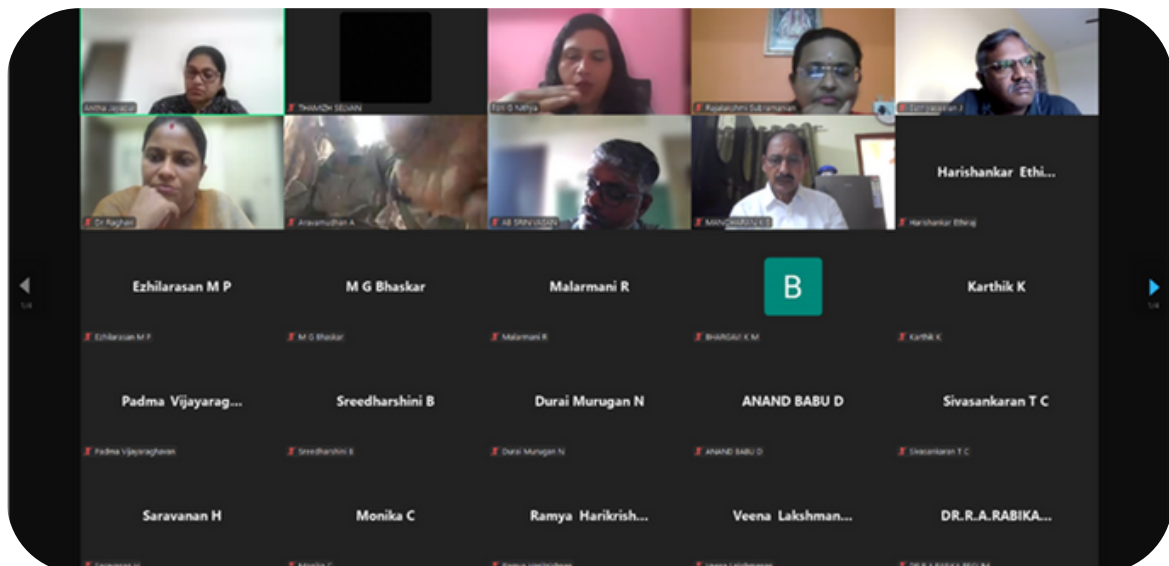
Sathiyaseelan further shared Valeo's initiatives on diversity and inclusion, which integrate marginalized groups, such as persons with disabilities and transgender individuals, into the mainstream workforce. He illustrated how businesses can achieve sustainable growth by creating environments where diverse talent thrives, supported by inclusive policies, upskilling, and leadership opportunities. Additionally, he emphasized the role of healthy organizational relationships, advocating for mentorship programs and peer support systems that help new employees adjust and flourish in their roles.



Ms. Pon G. Nithya; Lead Partner, Talent Development, Prodapt

Ms. Nithya delved into AI's transformative role in talent development at Prodapt, illustrating how AI-driven platforms are being used to enhance leadership pipelines, predict future skill demands, and tailor employee development plans. By leveraging AI, Prodapt is able to track performance trends and assess leadership potential more objectively, which not only boosts efficiency but also fosters a culture of meritocracy and fairness.

On the subject of diversity and inclusion, Ms. Nithya explained Prodapt's holistic approach. She highlighted their commitment to driving gender balance and bringing underrepresented groups into leadership roles. She shared data-backed insights on how a diverse leadership team enhances decision-making and fosters innovation. Nithya also spoke about the importance of workplace relationships, emphasizing the necessity of creating an inclusive culture where new team members can build meaningful connections, regardless of their background. She stressed that fostering these relationships is key to both personal development and organizational success.



Interactive Q&A Session

Ms. Nithya also addressed a question about the challenges of implementing diversity initiatives, noting that organizational commitment and leadership buy-in are crucial for the success of such programs. She added that sustained training, awareness, and data-driven policies are essential for creating lasting cultural change.

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Indian Society for Training and Development (ISTD-SC) WORKSHOP

SpeakUp Showdown - Group Discussion Workshop - October 24th, 2024

On 24th October 2024, the ISTD Student Chapter of SVCE hosted the SpeakUp Showdown: Master the Art of Group Discussions and Compete for the Crown at the Function Hall, SVCE.

Event Structure:

The guest speaker, Raghuram A expertise in project management and team collaboration made the session rich in practical insights. He explained that mastering a group discussion goes beyond just speaking confidently; it requires critical thinking, adaptability, analytical skills, and an ability to emphasize and understand others' perspectives.

Participants were guided through the key aspects of group discussions, focusing on:

- **Body language:** How non-verbal cues play a significant role in shaping perceptions during discussions.
- **Adaptability:** The importance of staying flexible and open to different viewpoints to contribute to a more productive discussion.
- **Critical thinking:** Encouraging participants to approach the discussion with an analytical mindset.
- **Listening and engagement:** Teaching the participants that a successful GD is not just about speaking, but also about actively listening and engaging with others' contributions.

Raghuram emphasized that understanding others' viewpoints is crucial in creating a collaborative environment, making group discussions more constructive and fruitful. His calm demeanor and real-life examples kept the participants thoroughly engaged.

Hands-On Group Discussion Sessions:

After the introductory talk, the participants were divided into small groups of 6-8 members. Each group was given a specific topic for their discussion, encouraging a dynamic exchange of ideas. The topics were chosen to stimulate critical thinking and allowed the participants to put into practice the skills they had just learned.

During the discussions, the participants demonstrated their ability to engage in thoughtful debates, express ideas clearly, and listen actively to others. The speaker and organizers observed each group's performance, evaluating them on several criteria such as

- Clarity of thought and expression
- Leadership and initiative.
- Team collaboration.
- Critical thinking and problem-solving.



Top three participants based on their overall performance in the GDs.



**1st Prize: Vishal Sundaram
(ECE, 2nd Year)**



**2nd Prize: Srivarthini
(Mechanical, 3rd Year)**



**3rd Prize: Yajnesh Juttu
Sundaram(ECE, 2nd Year)**

Faculty Achievements

- Dr. Naveen Kumar E, AP/EE, was awarded certificate in recognition of successful participation in Training of Trainers(ToT) Program on Grid Connected Rooftop Solar System on 07.10.2024 & 08.10.2024 at NPTI(PSTI), Bangalore organized by National Power Training Institute.



- Dr. Venkatesan C , Associate Professor, has secured Elite+ Silver in NPTEL exam, after successfully completing the course 'Power System Protection'.



Dr.Vengadesan C , Associate Professor

- Dr. S. Srividhya , Assistant Professor, has secured Elite+ Silver in NPTEL exam, after successfully completing the course ‘Smart Grid: Basics to Advanced Technologies’.



Dr. S. Srividhya , Assistant Professor

Student Achievement in Sports

Anna University Interzone Chess Tournament

Mr. Srinivasan V - IV Year secured an impressive 3rd place in the prestigious Anna University Interzone Chess Tournament held on 22nd and 23rd October 2024 at National Engineering College, Kovilpatti.



EEE student Ms. Janani B II-Year was the part of Anna University Inter zonal tournaments in Badminton team winning III prize.



EEE students Mr. Suresh B IV year and Mr. Nithin V.C II-Year, Mr. Anush chandran R ,I- Year were a part of Anna University Inter zonal tournaments in Hand ball team winning III prize.



Mr.Suresh B IV/EEE



Mr.Nithin V C II/EEE



Mr.Anush chandran R I/EEE

Our student Mr. Vasanth A, IV - Year was the part of Anna University Inter zonal tournaments in ball Badminton team securing III place.



Mr. Vasanth A, IV - Year

Mr.Nithish A U, I - Year was the part of Anna University Inter zonal tournaments in Hockey team winning III place



SSN University Independence Day Cup 2024

Our students Mr. Ram Prakash N & Mr. Suresh B- IV Year were a part of Basket Ball team winning SSN University Independence Day Cup 2024.



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Google Developer Student Club (GDSC) DevCon 2024

19th October 2024

Shreya S, Survesh Vaidhi V, Siddharth Naveen B and Thamizh Selvan of II year, won Second Prize in the event Google Developer Student Club (GDSC) conducted by Department of Computer Science Engineering on 19th October 2024.



Congratulations to Our Swayam-NPTEL Achievers!

We are thrilled to announce the outstanding achievements of our students in the Sep/Oct 2024 Swayam-NPTEL examinations.

Here are the highlights:

- Total Students Completed: 75
- Elite+Silver: 13
- Elite: 38
- Successfully Completed: 24
- Top Performers (Toppers): 7

List of Students achieved Elite+Silver Top 5% Achievers

Photo	Name of the Student	Year	Course Name
	<u>Smirathi S G</u>	2	A Basic Course on Electric and Magnetic Circuits
	<u>Nasreen R</u>	3	Fundamentals of Artificial Intelligence
	<u>Naveen kumar G</u>	3	Fundamentals of Artificial Intelligence
	<u>Ashwin .S</u>	3	Machine Learning and Deep Learning - Fundamentals and Applications
	<u>RA Abhinav</u>	3	Introduction to Machine Learning (Tamil)
	<u>Harish B</u>	3	Fundamentals of Artificial Intelligence

Photo	Name of the Student	Year	Course Name
	<u>Nawras Ahamed N</u>	4	Microelectronics: Devices to Circuits
	<u>Neson raj S</u>	4	Smart Grid: Basics to Advanced Technologies
	<u>EPSIYA I</u>	4	Smart Grid: Basics to Advanced Technologies
	<u>Kavinaya Sree T</u>	4	Smart Grid: Basics to Advanced Technologies
	<u>Kalanchiyam M</u>	4	Smart Grid: Basics to Advanced Technologies
	<u>Roshan Ram K</u>	4	Smart Grid: Basics to Advanced Technologies
	<u>Saravanakumar N</u>	4	Smart Grid: Basics to Advanced Technologies

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List of Students with Elite

HARISHKUMAR A D	3	Introduction to Machine Learning
Balaguru K	3	Introduction to Machine Learning
S R SAI AKSHAYA	3	Fundamentals of Artificial Intelligence
SIVAPURAM DEEKSHITHA	3	Fundamentals of Artificial Intelligence
G Swetha	3	Fundamentals of Artificial Intelligence
S R SAI ANANYA	3	Fundamentals of Artificial Intelligence
Aswin raj MP	3	Fundamentals of Artificial Intelligence
AHILAN C	3	Fundamentals of Artificial Intelligence
DHANUSH M	3	Fundamentals of Artificial Intelligence
BHARATH M	3	Fundamentals of Artificial Intelligence
Harikrishnan S	3	Fundamentals of Artificial Intelligence
Hemavathi S	3	Fundamentals of Artificial Intelligence
ABIRAMI RM	3	Introduction to Machine Learning (Tamil)
Jaiganesh B	4	Computer Architecture
EPSIYA I	4	Microelectronics: Devices to Circuits
Kavinaya Sree T	4	Microelectronics: Devices to Circuits
GOKUL N	4	Smart Grid: Basics to Advanced Technologies
SRINIVAS RAGHUL MURUGANANDAN	4	Smart Grid: Basics to Advanced Technologies
Naveenkumar E	4	Smart Grid: Basics to Advanced Technologies
ADHITYA R	4	Smart Grid: Basics to Advanced Technologies
Akash Prbhagar	4	Smart Grid: Basics to Advanced Technologies
Jaiganesh B	4	Smart Grid: Basics to Advanced Technologies
Santhoshkumar S	4	Smart Grid: Basics to Advanced Technologies
GOKUL N	4	VLSI Design Flow: RTL to GDS
Nawras Ahamed	4	Computer Architecture
HARISH S	4	Computer Architecture
Ragul K K	4	Computer Architecture
Roshan Ram K	4	Computer Architecture
Rakshaya Kamini Vasutha K	4	Fundamentals of Artificial Intelligence
Kavinaya Sree T	4	Advance Power Electronics and Control

List of Students successfully Completed Course

Name of the	Year	Course Name
JAISURYA M	3	Solar Energy Engineering and Technology
JAI KISHORE D	3	Solar Energy Engineering and Technology
NITHISH DR	3	Solar Energy Engineering and Technology
Mani Mala P	3	Fundamentals of Artificial Intelligence
INFANT VIMAL M	4	Computer Architecture
KALANCHIYAM M	4	Computer Architecture
M Mohamed shameem	2	Analog Electronic Circuit
Gokul B	3	Semiconductor Devices and Circuits
Varsha S	2	Introduction to Internet of Things
HEARTWIN SAMRAJ V	3	Solar Energy Engineering and Technology
Kavibharathi	4	Smart Grid: Basics to Advanced Technologies
Upillikannan S B	4	Smart Grid: Basics to Advanced Technologies
MANUSH K R	4	Smart Grid: Basics to Advanced Technologies
Helson Bobby J	4	VLSI Design Flow: RTL to GDS
SASIDHARAN A	3	Fundamentals of Artificial Intelligence
Kanishkarkumar P	3	Fundamentals of Artificial Intelligence
Tanishka S	3	Computer Architecture
Hritish Calvin L	3	Fundamentals of Artificial Intelligence
Sandhya Sadasivam	3	Fundamentals of Artificial Intelligence
Adhithiyan R	3	Fundamentals of Artificial Intelligence
Hari Kishore K	3	Fundamentals of Artificial Intelligence
Daiwik Dutta	4	Design, Technology and Innovation
J Gopika	3	Programming, Data Structures and Algorithms using Python
Nazira A	2	Data Science for Engineers