



We Make You Shine
St. JOSEPH'S INSTITUTE OF TECHNOLOGY
(An Autonomous Institution)
OMR, CHENNAI - 119, TAMILNADU, INDIA



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

NEWSLETTER

MAY - 2024



**TO KNOW MORE ABOUT THE DEPARTMENT ACTIVITIES
PLEASE VISIT**

<https://stjosephstechnology.ac.in/web/eee/>

Acknowledgement

We sincerely thank our beloved Chairman Dr.B.Babu Manoharan, Managing Director Mr.B.Shashi Sekar, Executive Director Mrs.S.Jessie Priya and Principal Dr.P.Ravichandran for their motivation, guidance and support.



Dr. B. Babu Manoharan
M.A., M.B.A., Ph.D.
Chairman



Mr. B. Shashi Sekar
M.Sc.,
Managing Director



Mrs. S. Jessie Priya
M.com.,
Executive Director



Dr. P. Ravichandran
M.Tech., Ph.D.
Principal

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Vision

To become a well renowned in the field of Electrical and Electronics Engineering by imparting knowledge and inculcating ethical values to serve the global society.

Mission

To inculcate knowledge of fundamental principles and make the students competent in the field of Electrical and Electronics Engineering.

Program Educational Objectives

- To provide foundation in their fields such as circuit theory, Field theory, control theory and computational platforms.
- To enhance the designing skills for the evolution of new technology in the Electrical and Electronics domain.
- To equip the students to work in interdisciplinary groups for enhancing professional skills.
- To motivate and prepare the students for a successful career in the industry or higher education.
- To create an awareness for lifelong learning and inculcate professional ethics.

Program Specific Outcomes

- Our graduates will be able to understand the basic concepts related to engineering and technology with enhanced problem solving skills.
- Our graduates, with high proficiency in Electrical and Electronics Engineering will be able to exhibit technical knowledge in industrial and entrepreneurial focus.
- Our graduates can translate the effects of professional values and ethics in accordance with Electrical and Electronics Engineering domain, to create sustained environment for social growth.

Placement Activities

PLACEMENT DETAILS – BATCH (2020-2024)

We are delighted to share the exciting news that the has secured a coveted position with various companies. Their hard work, dedication, and skills have opened doors to new opportunities. The department extends warm congratulations to these students for their significant achievements. May this placement be the first step toward a successful and fulfilling career journey.

S. No.	REGISTER NUMBER	NAME OF THE STUDENT	COMPANIES PLACED
1.	312420105001	DANIEL M	<ul style="list-style-type: none">• BHARATH FIH• JSE ENGINEERING PVT LTD
2.	312420105002	IYYAPPAN S	<ul style="list-style-type: none">• LINCOLN ELECTRIC COMPANY (INDIA) PVT LTD
3.	312420105003	JESSY K	<ul style="list-style-type: none">• PICKYOURTRIAL,• JSE ENGINEERING PVT LTD
4.	312420105004	JUNISH EZRA	<ul style="list-style-type: none">• GK POWER• BHARATH FIH
5.	312420105006	MERIN STEPHA J	<ul style="list-style-type: none">• KEYENCE• PICKYOURTRIAL
6.	312420105007	NIRMAL S	<ul style="list-style-type: none">• BYJUS• CONSERVE SOLUTIONS,• QSPIDERS• DELOITTE
7.	312420105009	PAUL ANDREW M	<ul style="list-style-type: none">• BHARATH FIH• JSE ENGINEERING PVT LTD
8.	312420105011	SANJAY K	<ul style="list-style-type: none">• QSPIDERS
9.	312420105302	BALA PRASANNA K	<ul style="list-style-type: none">• RANE

Summer Internship Program

(FOR CLASS XI & XII STUDENTS)

The Slot 2 internship program which occurred from 06th May 2024 to 10th May 2024 aimed to bridge the gap between theoretical knowledge and practical skills by providing hands-on experience to school students in the various fields of electrical and electronic engineering, such as electrical vehicles, the Internet of Things and Robotics. And also software domains such as editing using Canva And Adobe Photoshop, and some basics of programming and App development.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
SUMMER INTERNSHIP TRAINING PROGRAM

15th April 2024
to
24th May 2024
5 Days Each

6 SLOTS
Available

CERTIFICATES
will be issued for all participants

EXCLUSIVELY FOR STUDENTS
COMPLETING CLASS XI & XII

Technology Extravaganza

Day 1

⚡

- Overview of power system and career opportunities
- Solar PV Technologies and hands on
- Basic wiring system (demo)
- Safety and precautions (video display)

Day 2

⚡

- Trends on Electric Vehicles
- Overview and types of EVs, challenges
- App development - EV SOA
- Lab session - EV demonstration

Day 3

🤖

- Glimpses of Robotics technologies
- Embedded system design
- Applications of Internet of things

Day 4

Ps

- Adobe Photoshop
- Audio/Video Editing
- Special Effects

Day 5

🎮

- Blender Animation
- Animation Tools

Contact :
hodeee@stjosephstechnology.ac.in
+91 98400 09248

<https://stjosephsgroup.org/sjit/eee>

SCAN HERE

BOOK

Ur Slot

FOOD & TRANSPORT WILL BE PROVIDED

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
SUMMER INTERNSHIP TRAINING PROGRAM – SCHEDULE

TIME / DAY	08:30 AM to 10:10 AM	10:10 AM to 10:30 AM	10:30 AM to 12:10 PM	12:10 PM to 12:30 PM	12:30 PM to 01:40 PM	01:40 PM to 02:20 PM	02:20 PM to 03:00 PM
MONDAY 06.05.2024	Inauguration	B R E A K	About The College	B R E A K	Career Opportunities in EEE	L U N C H	Solar PV Technologies
TUESDAY 07.05.2024	Overview Of Power Systems		Overview And Challenges In Electric Vehicle		Electric Vehicle Demonstration		
WEDNESDAY 08.05.2024	Introduction To IoT		Robotics Technologies		PEP Centre Visit – Robotics		Events And Competitions
THURSDAY 09.05.2024	Canva Editing		Photoshop Editing		Video Editing		
FRIDAY 10.05.2024	Basics Of Programming		Overview Of Web Development		Introduction To Animation		Prize Distribution



Mini Project Expo

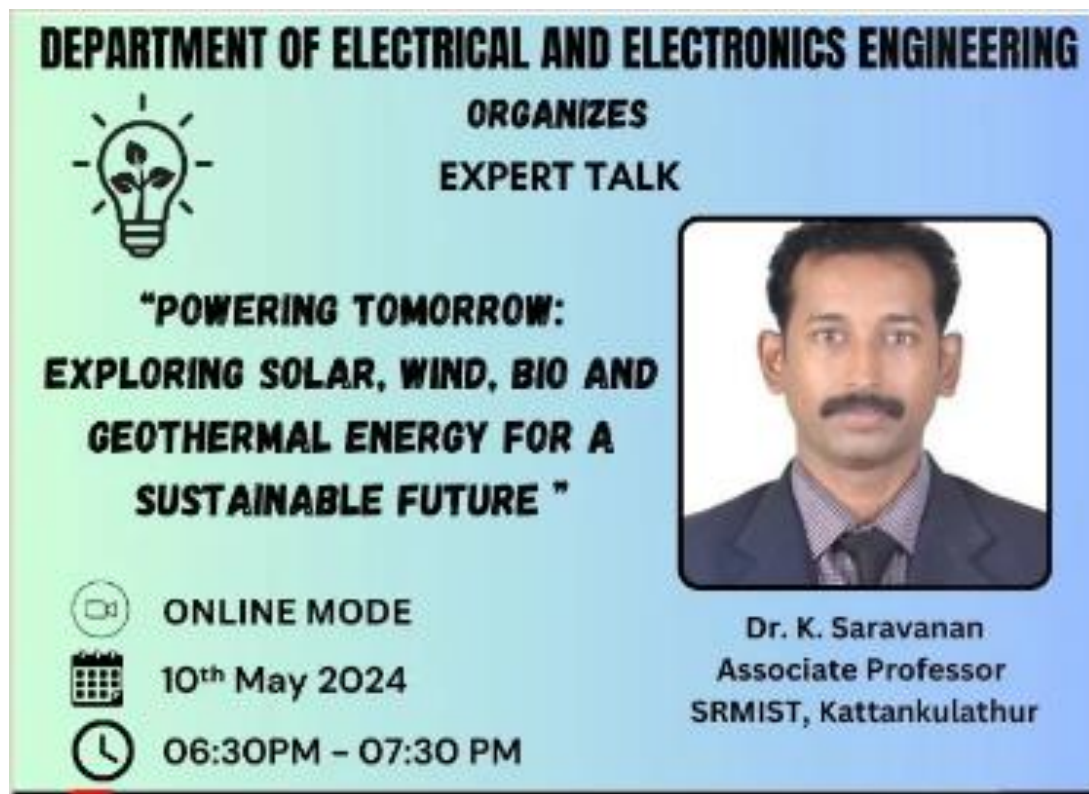
(FOR 2ND YEAR STUDENTS)

The Department of Electrical and Electronics Engineering organized a mini project expo on 09th May 2024. This event, orchestrated by second-year students, was attended by first-year students and school internship students. The expo featured innovative projects based on IoT (Internet of Things), machine learning, and electrical domains, demonstrating effective methods for reducing energy consumption in various applications. It provided a platform for students to present their research and project work, encouraging collaborative problem-solving and the exchange of ideas. Attendees were exposed to the latest trends and technologies in energy conservation, broadening their understanding and inspiring future projects. The event also aimed to strengthen the understanding of energy conservation principles among students, equipping them with the knowledge to implement these practices in their personal and professional lives.




Expert Talks

An illuminating expert talk organized by the Department of Electrical and Electronics Engineering, featuring esteemed Dr. K Saravanan as our distinguished speaker. The event, titled "Powering Tomorrow: Exploring Solar, Wind, Bio, and Geothermal Energy for a Sustainable Future," was held on May 10th, 2024, via Google Meet. Dr. K. Saravanan, a renowned expert in the field, captivated our audience with his profound insights and expertise on renewable energy sources. Throughout the talk, attendees had the opportunity to delve into the intricate workings and immense potential of solar, wind, bio, and geothermal energy technologies in driving sustainability initiatives forward. The event drew a diverse audience, including students from the 1st, 2nd, and 3rd years, who eagerly participated in the discussion and gained valuable knowledge that will undoubtedly shape their academic and professional pursuits.




DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING


ORGANIZES
EXPERT TALK





**"POWERING TOMORROW:
EXPLORING SOLAR, WIND, BIO AND
GEOTHERMAL ENERGY FOR A
SUSTAINABLE FUTURE "**



Dr. K. Saravanan
Associate Professor
SRMIST, Kattankulathur

 **ONLINE MODE**

 **10th May 2024**

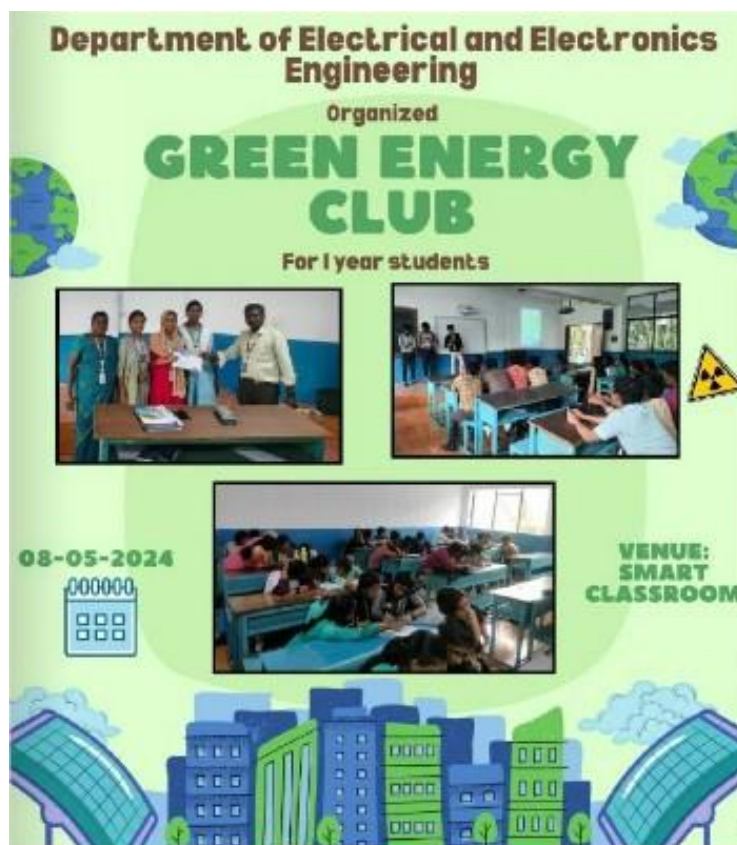
 **06:30PM - 07:30 PM**

Club Activities

Green Energy Club

The Green Energy Club, in collaboration with the Department of Electrical and Electronics Engineering (EEE), organized an event to promote non-conventional energy practices. The objectives of this event are:

- Explore the complex mechanisms of renewable energy technologies and their integration into modern power systems.
- Encourage critical thinking and innovative approaches in developing sustainable energy solutions.
- Gain insights into the latest developments and trends shaping the renewable energy sector.
- Provide students with a thorough understanding of the principles and practical applications of green energy.
- Advocate for meaningful changes towards a future driven by resilient and sustainable energy sources.



ENSAV Club

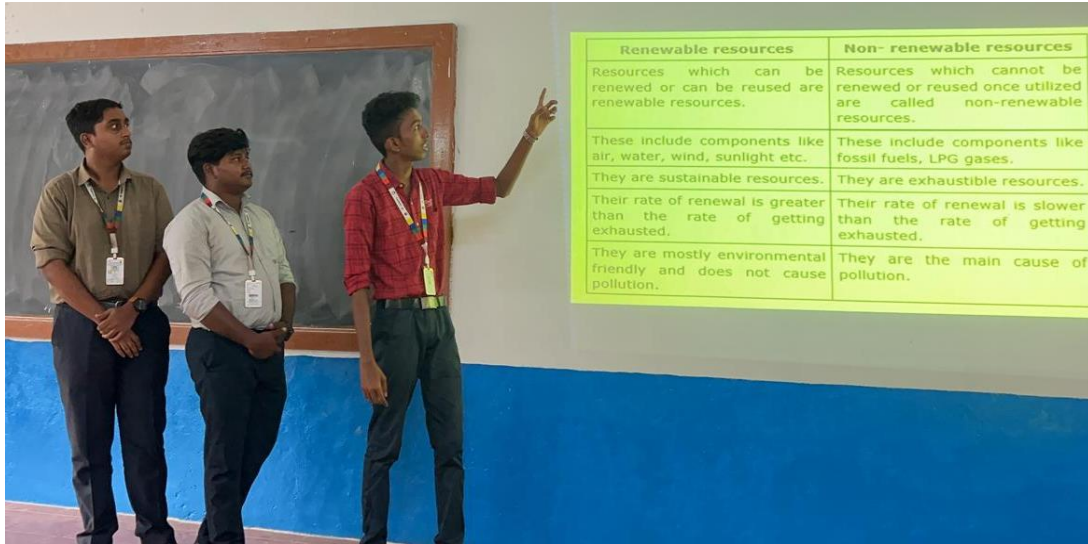
The Energy Saving Club, in collaboration with the Department of Electrical and Electronics Engineering (EEE), organized an idea presentation event to promote energy conservation practices. The objectives of this event are:

- Delve into advanced strategies for reducing energy consumption across various industries and sectors, examining both technological and behavioral approaches to energy efficiency.
- Foster a culture of innovation and creativity among participants, encouraging them to present and develop practical solutions that significantly enhance energy efficiency and sustainability.
- Gain in-depth knowledge on the latest innovations, technological advancements, and policy changes shaping the energy-saving landscape, and understand their implications for future energy use.
- Equip students with a comprehensive and practical understanding of energy conservation principles, techniques, and applications, preparing them to implement these practices in real-world scenarios.
- Advocate for and inspire significant actions and transformations towards a future characterized by optimized energy use and sustainable practices, contributing to a more resilient and eco-friendly energy system.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ORGANIZED
IDEA PRESENTATION
in association with
ENSAV CLUB
Energy Saving Awareness Club
A Unit of Energy Efficiency Research Group, under IGEN
FOR II YEAR STUDENTS

Smart class room

08.05.2024



Prize Winners

The department of EEE takes immense pleasure in congratulating the following students for their outstanding performance in competitions conducted by ENSAV club. Their diligence and passion have resulted in this well-deserved success. Let their achievement serve as an inspiration to others. Heartfelt congratulations!

S.No	Name	Year	Place Won	Event
1.	John Roy S	II	I	IDEA PRESENTATION
2.	Sharan Shaagithiya S			
3.	Leo Sylvester C		II	
4.	Kummaragunta Anandarao			
5.	Yogesh S			
6.	Nagalakshmi S		III	
7.	Kuvvarapu Rasmitha			



Alumni Talks

The alumni talk offered a priceless chance for current students to connect with accomplished graduates who once walked the same halls. These sessions acted as a heartfelt link between academic life and the real world, where alumni generously shared their personal stories, triumphs, and wisdom with eager young minds. It was a touching exchange that left a lasting impression, inspiring students to dream big and navigate their own paths with confidence and purpose.


SHANMUGAPRIYAN

Batch (2017 – 2021)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
ORGANIZED
ALUMNI TALK
ON
"HOW EMBEDDED INNOVATIONS ARE REVOLUTIONIZING TECHNOLOGY"
For II Year Students



SHANMUGAPRIYAN N
BATCH 2018 -2022
Senior Software Engineer
HCL Technologies

 09/05/2024

ANTON P JACKSON

Batch (2018 – 2022)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ORGANIZED

ALUMNI TALK

ON

**“EVOLUTION OF SOFTWARE DEVELOPMENT PRACTICES AND
THEIR IMPACT ON CAREER GROWTH”**

For II Year Students



ANTON P JACKSON
BATCH [2018 -2022]
Programmer Analyst
Cognizant



23/05/2024



Alumni Testimonials

Introducing our alumni testimonial segment, where we celebrate the remarkable achievements and experiences of our distinguished graduates. These testimonials offer a glimpse into the diverse paths our alumni have taken, showcasing their professional successes and the impact they have made in their respective fields. Through their stories, we hope to inspire current and prospective students, providing valuable insights into the opportunities and possibilities that await them. Join us as we hear from our accomplished alumni, whose journeys reflect the excellence and transformative power of an education from our institution.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ALUMNI TESTIMONIAL



“

St. Joseph's Institute of Technology was my launchpad into the world of Electrical and Electronics Engineering, and it's where I found my footing to soar. The hands-on education, mentorship, and industry exposure I received shaped me into the Manager I am today at Citibank. St. Joseph's Institute of Technology didn't just teach me theories, it instilled in me the practical skills and confidence to tackle real-world challenges head-on. I owe a debt of gratitude to my alma mater for lighting the path to my success. Engaging in extracurricular activities and collaborating with peers fostered a spirit of teamwork and resilience, qualities that have been invaluable in my career. Today, as I navigate the complexities of the finance world, I carry with me the lessons and values instilled in me at SJIT, forever grateful for the foundation it provided.



DINESH S
Batch [2013 - 2017]
Manager
CITIBANK

”

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ALUMNI TESTIMONIAL



“

As an Electrical and Electronics Engineering student at St. Joseph's Institute of Technology, I can confidently attest to the exceptional quality of education and support provided by the institution. Throughout my time here, I've been immersed in a dynamic learning environment that fosters both theoretical knowledge and practical skills. The dedicated faculty members have not only imparted valuable insights into the intricacies of electrical engineering but have also mentored and guided me towards academic excellence. The state-of-the-art facilities and laboratories equipped with the latest technology have allowed me to gain hands-on experience and tackle real-world challenges head-on. St. Joseph's Institute of Technology has truly prepared me to excel in the field of electrical engineering, and I am grateful for the invaluable experiences and opportunities it has offered me.



NIRMAL S
Batch [2020-2024]
Software Analyst
Deloitte

”

Editorial

Staff Editorial

1. Dr. D. Kirubakaran
2. Dr. S. Hemalatha
3. Mr. R. Manivannan
4. Mr. I. Cephas
5. Mr. S. Karthick
6. Dr. P. Nisha
7. Mr. N.P. Gopinath

Student Editorial

1. Akash K
2. Gayathri K U
3. Kamlesh J
4. Shriraam R R

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Student Toppers Secured 8.5 CGPA and Above (Upto Sem III)

Batch 2022 - 2026



Akash K
312422105004
9.06



Gopika V
312422105015
8.94



Sharon Juliet P F
312422105047
8.81



Aadithya S
312422105002
8.79



Karppakamalar S
312422105024
8.74



Gayathri K U
312422105014
8.69



Kishore Kumar C
312422105028
8.68



Kokilavani E
312422105029
8.64



Karthiyayini P
312422105025
8.61



Sharan Shaagithiya
312422105046
8.58



Kuvvarapu Rasmitha
312422105031
8.57

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Toppers secured 8.5 CGPA and above (Up to V Sem)

Batch (2021 - 2025)



312421105001
AISHWARYA P
9.45



312421105013
DINESH M M
9.27



312421105016
GAYATHRI P
9.16



312421105055
VARSHNI KANNA M
9.04



312421105049
SIVAPRAKASH S
8.99



312421105046
SARIHA R
8.94



312421105047
SENTHIL VELAN R
8.88



312421105043
SAIVARSHINI R
8.81



312421105033
NARMADHA K
8.70



312421105021
JEEVA MURUGAN A
8.55



312421105020
JAYAVANTHI B M
8.53



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OMR, CHENNAI - 119, TAMILNADU, INDIA



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Student Toppers Secured 8.5 CGPA and Above (Upto Sem VII)

Batch 2020 - 2024



NIRMAL S

312420105007

8.70



MERIN STEPHA J

312420105006

8.66



JESSY K

312420105003

8.59



St. JOSEPH'S
GROUP OF INSTITUTIONS

OMR, CHENNAI - 119



The Choice of
Disciplined Toppers



About College

- ✓ We motivate and prepare our students to excel in all aspects.
- ✓ 12 years of academic excellence in Engineering Education, offering 6 UG programs and 1 PG program.
- ✓ Secured 39 University Ranks with 1 Silver medal since inception.
- ✓ The courses offered (B.E. - CSE, ECE, EEE, Mech. Engg. & B.Tech.-IT) have been accredited by NBA in 2017 in the shortest span of 6 years since inception, which ascertains our quality.
- ✓ Rated 4.5 Stars by the Institution's Innovation Council (IIC) of Ministry of Education, Govt. of India.
- ✓ Ranked at 'Performer Band' in Atal National level Ranking (ARIIA -2021) by Ministry of Education, Govt. of India.
- ✓ Associate Member of ICT Academy, Department of Information Technology, Government of Tamilnadu.
- ✓ 'National Employability Award' by Aspiring Minds (SHL), received every year since 2021.
- ✓ Recognized as the Nodal Centre of ISRO-IIRS outreach program to conduct live and interactive courses.
- ✓ Recognized Skill Development Centre for Pradhan Mantri Kaushal Vikas Yojana (PMKVY), Ministry of Skill Development & Entrepreneurship (MSDE) implemented by National Skill Development Corporation.
- ✓ Selected under the National level "Unnat Bharath Abyan Programme" by MHRD Government of India and "Skill and Personality Development programme Centre (SPDP)" for SC/ST students by AICTE, New Delhi.
- ✓ Recognized as the 'Best Exam Preparatory Centre' for conducting Business English Certificate (BEC) examination by Cambridge ESOL for the past years in India & one among 25 South Asia Best Preparatory Centres.
- ✓ Received notable awards and recognitions namely Innovative Project Award and Youth Conclave Award from INAE, Hackathon Award, IEEE and TNSCST Student Project Fund.
- ✓ Approval has been granted by AICTE for IDEA lab worth Rs 110 lakhs under self-finance scheme.
- ✓ Received 2 International Travel Grants from IEEE Photonics society by our students for attending International Conferences in USA.
- ✓ Received grants from SERB & AICTE for conduction of IEEE supported International conference & MSME for startup project.
- ✓ Conducted 7 International Conferences periodically since 2016.
- ✓ Excellent Sports recognitions at National and International level.