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# **PROPULSION**

***HALF-YEARLY NEWSLETTER DEPT OF EEE***

## **OVERVIEW**

- **DEPARTMENT VISION & MISSION**
- **PRINCIPAL'S DESK**
- **HOD'S DESK**
- **STUDENT SPEAK**
- **TOPPERS**
- **PLACEMENTS**

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**St. JOHNS COLLEGE OF ENGINEERING & TECHNOLOGY**

# **DEPARTMENT VISION & MISSION**

## **DEPARTMENT VISION**

To become a front-runner, the department of Electrical and Electronics Engineering brings out competent engineers, innovators, researchers with human and ethical values, thereby contributing value to the knowledge-based economy and society.

## **DEPARTMENT MISSION**

- To educate and train engineers who are highly skilled, innovative, and committed to ethical values.
- To encourage research and innovation, fostering a culture of curiosity and creativity among our students.
- To produce graduates who make a positive impact on the knowledge-based economy and society as a whole by using their knowledge and values to solve real-world problems.

# PEO & PSO

## PEO

- PEO1: To Excel in professional career and/or higher education by acquiring knowledge in mathematics and Basic Sciences, Basic Electrical Sciences, Power Systems, Power Electronics and Electrical Drives
- PEO2: To identify the problems in society and design electrical systems appropriate to its solutions using soft controllers that are technically sound, economically feasible and socially acceptable.
- PEO3: To Exhibit professionalism, ethical attitude, communication skills, team work in their profession and adapt to current trends in technology by engaging in continuous professional development.

## PSO

PSO1: Able to utilize the knowledge of high voltage engineering in collaboration with power systems in innovative, dynamic and challenging environment, for the research based team work.

PSO2: Able to explore the scientific theories, ideas, methodologies and the new cutting edge technologies in renewable energy engineering, and use this erudition in their professional development and gain sufficient competence to solve the current and future energy problems universally.

PSO3: Able to provide socially acceptable technical solutions to complex electrical engineering problems with the application of modern and appropriate techniques for sustainable development.

## PRINCIPAL'S DESK



It is with profound sense of pride and pleasure that we present you this very special volume of PROPULSION. Every page unfolds a plethora of the abundant creative and literary talents of our ever enthusiastic students. You can feel the pulse of this great institution as the pages reveal our students capabilities. PROPULSION is truly the systematic product of a team of people. I am delighted to present you through these pages our students' thoughts, attitudes and aspirations. These young shining stars with their well embedded roots and spreading wings are the promise of a great tomorrow. This institution serves as a springboard from where they can unleash their true potential. I encourage everyone to go through this wonderful masterpiece of SJCET, whose quality ideas and contributions made this edition of PROPULSION colorful and readable.

PROF. Dr. V. VEERANNA

PRINCIPAL

# HOD'S DESK



The department of Electrical and Electronics Engineering was established in the year 2001 with an objective to develop professionals through quality education with an intake of 60 students. The EEE Department at St. Johns College of Engineering & Technology prepares students in this field using new-age information and computer-intensive technologies. The B.Tech. and M.Tech programs are designed to achieve a balance between depth of knowledge acquired through specialization and breadth of knowledge gained through exploration. The courses offered by the department provide a comprehensive foundation in the core topics of EEE coupled with an area of specialization relevant to emerging engineering challenges. The faculty in the department is a rich blend of personnel with industrial and professional experience. The dedicated staff members have sound knowledge in emerging areas like Power systems, power electronics, micro-electronics, and control engineering, etc. The breadth and depth of the research interests of the academic staff ensures a high standard of lecture courses and provides excellent opportunities for challenging and stimulating final year projects. All faculty supplement their delivery using videos, animations overhead projectors. The faculty keeps up with the latest technologies by publishing in reputed journals and presenting at various national and international conferences. The students are not far behind. The students have made us proud by designing the best projects. The EEE Department also holds several guest lectures, seminars and workshops. These provide a platform for the staff and students to share their views and experience among industrialists, fellow researchers, and academicians in the emerging areas of electrical engineering. On employability, graduates of the institute consistently appear as the first choice of employers. Studying EEE will lead to potential careers in the areas of Research & Development (R&D), design, systems analysis, control and manufacturing, quality assurance and testing. The department boasts of having many Assistant Engineers and Assistant Executive Engineers working in the electricity department of both Telangana and Andhra Pradesh governments. Students pursuing master's abroad have made us proud by taking up niche positions in various companies.

**Dr. K. Chithambaraiah Setty**  
**HOD Dept. of EEE**

## STUDENTS SPEAK

The department provides extensive infrastructure to support academic, research, and extracurricular activities, promoting the holistic development of our students. With 20 highly qualified and experienced faculty members dedicated to excellence in education, the department frequently organizes workshops, seminars, and faculty development programs to enhance the skills and knowledge of both students and staff. This dedication to quality education and professional growth is evidenced by our impressive placement record, with students securing positions in prestigious organizations.

**- KODIGANTI THARUN**

The Department of EEE offers outstanding facilities, including state-of-the-art classrooms and advanced laboratories equipped with cutting-edge technical resources. Students benefit from a rich array of resources, including a well-stocked departmental library with extensive learning materials. The department is committed to supporting both research endeavors and academic studies, while also focusing on the holistic development of its students. This commitment is bolstered by high-speed internet connectivity, which enhances learning experiences and facilitates comprehensive exploration in the field.

**- K. PAVAN KUMAR**



# TOPPERS

## IV-I EEE

S.No.	Branch	Hall Ticket No.	Name of the Student	Percentage	Total Marks Obtained/ 750
1	EEE	19G31A0210	J MONIKA	83.07	623/ 750
2	EEE	19G31A0206	G SANDYA RANI	81.07	608/ 750
3	EEE	20G35A0202	BESTHA MADHUSUDHAN	79.07	593/ 750
4	EEE	20G35A0218	VAJRAGIRI VINOD KUMAR	78.93	592/ 750
5	EEE	19G31A0218	NADUGENIGERI RAJESWARI	78.00	585/ 750

## III-I EEE

S.No.	Branch	Hall Ticket No.	Name of the Student	Percentage	Total Marks Obtained/ 900
1	EEE	21G35A0206	YAPAMANU PRIYANKA	88.33	795
2	EEE	21G35A0207	JANA LATHA	83.00	747
3	EEE	21G35A0214	KURUVA YUGANDAR	81.67	735
4	EEE	21G35A0212	KUNDANAM DHANUSH KUMAR	81.33	732
5	EEE	21G35A0208	K AISHWARYA	81.22	731

## II-I EEE

S.No.	Branch	Hall Ticket No.	Name of the Student	Percentage	Total Marks Obtained /1000
1	EEE	21G31A0216	MALA BHUVANESWARI	84.90	849
2	EEE	22G35A0204	BOYA RANJITH KUMAR	81.40	814
3	EEE	21G31A0227	SYED MOHAMMED ISMAIL KHA	81.10	811
4	EEE	21G31A0211	KAMMARI SANGEETHA	80.50	805
5	EEE	22G35A0217	MONDI ERANNA	79.20	792

# PLACEMENTS



## St.JOHNS COLLEGE OF ENGINEERING & TECHNOLOGY

YERRAKOTA, YEMMIGANUR - 518 360, KURNOOL (Dist.) A.P.

S.No.	STUDENT NAME	GENDER	REGISTER NUMBER	DISCIPLINE	YEAR OF PASSING FROM INSTITUTE	ON CAMPUS/OFF CAMPUS PLACEMENT	NAME OF THE EMPLOYER	APPOINTMENT ID	PACKAGE LPA
1	DUPATHI RAJESWARI	F	18G31A0203	EEE	2022	OFF CAMPUS	SINTECH SOLUTIONS PVT. LTD.	SJCET18203	1.8
2	PULIPATI CHANDRASEKHAR	M	18G31A0223	EEE	2022	OFF CAMPUS	CAPGEMINI	SJCET18223	4
3	PANDIKONA NARESH	M	18G31A0218	EEE	2022	OFF CAMPUS	YOUNGMINDS TECHNOLOGY SOLUTIONS PVT. LTD.	SJCET18218	1.8
4	KURUVA GANESH	M	19G35A0202	EEE	2022	OFF CAMPUS	ATOS	SJCET18202	4.2
5	KRISHNA BRUNDA	F	18G31A0228	EEE	2022	OFF CAMPUS	ACCENTURE	C12089195	3.8
6	KURUVA SANDHYA RANI	F	18G31A0210	EEE	2022	OFF CAMPUS	MRU	MRUE2302N057	1.8
7	MALLEPOGU RAJESH	M	19G35A0203	EEE	2022	ON CAMPUS	ANU DIGITAL	SJCET19203	3.2
8	B KARTHIK	M	18G31A0202	EEE	2022	ON CAMPUS	GLOBAL E-SMART TECHNOLOGIES	SJCET18202	2
9	E ARAVIND KUMAR	M	18G31A0204	EEE	2022	ON CAMPUS	GLOBAL E-SMART TECHNOLOGIES	SJCET18204	2
10	K C VINAY	M	18G31A0207	EEE	2022	ON CAMPUS	GLOBAL E-SMART TECHNOLOGIES	SJCET18207	2
11	K THAYANNA	M	18G31A0208	EEE	2022	ON CAMPUS	GLOBAL E-SMART TECHNOLOGIES	SJCET18208	2
12	M SOWMYA	F	18G31A0212	EEE	2022	ON CAMPUS	GLOBAL E-SMART TECHNOLOGIES	SJCET18212	2
13	MADUGUNDU HEMAVATHI	F	18G31A0213	EEE	2022	ON CAMPUS	HIROTOIND TECHNOLOGIES	SJCET18213	3.5
14	MANCHALA VENKATESH	M	18G31A0217	EEE	2022	ON CAMPUS	HIROTOIND TECHNOLOGIES	SJCET18217	3.5
15	SUDIGUNDU GIRIBABU	M	18G31A0225	EEE	2022	ON CAMPUS	HIROTOIND TECHNOLOGIES	SJCET18225	3.5
16	VAGGA SWAPNA PRIYA	F	19G35A0204	EEE	2022	ON CAMPUS	HIROTOIND TECHNOLOGIES	SJCET195204	3.5
17	CHEDDE BALAKRISHNA	M	19G35A0201	EEE	2022	ON CAMPUS	GLOBAL E-SMART TECHNOLOGIES	SJCET195201	2
18	K JAIBUN	F	18G31A0209	EEE	2022	ON CAMPUS	GLOBAL E-SMART TECHNOLOGIES	SJCET18209	2