

Department of Electrical and Electronics Engineering
KPR Institute of Engineering and Technology



NEWSLETTER



ELECTROBLITZ

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INDEX

S.No.	Contents	Page No.
1	Vision and Mission	1
2	PEOs POs and PSOs	2
3	Faculty Details	3
4	Faculty Participation in FDP/Seminar/Workshop/Orientation Program	5
5	Student's Participation in FDP/Seminar/Workshop/Orientation Program	6



VISION AND MISSION OF THE DEPARTMENT

Vision:

To be the **centre of higher learning** in the field of Electrical and Electronics Engineering by educating the students to meet the **global challenges** with **professional ethics and social consciousness**.

Mission:

- Providing **technical, intellectual and ethical** environment to the students through **knowledge centric education and research**.
- Collaborating with industries in the vicinity, nationally and internationally for exposure and **innovation**.
- Enabling the students to **serve the society** through **prolific ideas**.

Programme Educational Objectives (PEOs)

The Graduates of Electrical and Electronics Engineering will

- **PEO1** Possess an adequate knowledge to meet the needs of the stakeholders and excel in their chosen profession with good communication and managerial skills.
- **PEO2** Adapt to emerging technologies and practice their profession confirming to ethical and human values.
- **PEO3** Continuously improve the habit of self-study through professional development activities.

Programme Outcomes (POs)

Graduates of Electrical and Electronics Engineering will be able to:

- **PO1 Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- **PO2 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.
- **PO3 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.



- **PO4 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.
- **PO5 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.
- **PO6 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.
- **PO7 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.
- **PO8 Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- **PO9 Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **PO10 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.
- **PO11 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.
- **PO12 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

Programme Specific Outcomes (PSOs)

Graduates of Electrical and Electronics Engineering will be able to:

- **PSO1** Develop skills to the expectations of the dynamic industrial practices in Electrical Engineering and allied areas.
- **PSO2** Analyze, design, and integrate various renewable energy sources to meet the energy demand.



FACULTY DETAILS

S.NO	NAME OF THE FACULTY	DESIGNATION
1.	Dr.K.Mohana Sundaram	Professor & Head
2.	Dr.V.Kumar Chinnaiyan	Professor
3.	Dr.J.Karpagam	Professor
4.	Dr.V.S.Chandrika	Associate Professor
5.	Dr.P.Pandiyan	Associate Professor
6.	Dr.A.Karthick	Associate Professor
7.	Mr.S.Vivekanandan	Assistant Professor (Sl.G)
8.	Mr.G.Saravanan	Assistant Professor (Sl.G)
9.	Dr.R.Sampathkumar	Assistant Professor (Sl.G)
10.	Dr.C.Pazhanimuthu	Assistant Professor (Sl.G)
11.	Dr.D.Sathish Kumar	Assistant Professor (Sl.G)
12.	Dr.I.Baranilingesan	Assistant Professor (Sl.G)
13.	Dr.S.Ravindran	Assistant Professor (Sl.G)
14.	Dr.A.Matheswaran	Assistant Professor (Sl.G)
15.	Dr.V.Parimala	Assistant Professor (Sl.G)
16.	Dr.A.Rakesh Kumar	Assistant Professor (Sr.G)
17.	Dr.N.Prakash	Assistant Professor (Sr.G)
18.	Dr.Rangu Seshu Kumar	Assistant Professor (Sr.G)

19.	Ms.B.Lalitha	Assistant Professor (Sr.G)
20.	Ms.R.Revathi	Assistant Professor (Sr.G)
21.	Mr.A.Mohamed Ibrahim	Assistant Professor (Sr.G)
22.	Mr.P.Ravikumar	Assistant Professor (Sr.G)
23.	Mr.V.Kamalkumar	Assistant Professor (Sr.G)
24.	Mr.C.J.Vignesh	Assistant Professor (Sr.G)
25.	Mr.C.Dinesh	Assistant Professor (Sr.G)
26.	Mr.K.Balamurugan	Assistant Professor
27.	Mr.M.Mohana Sundaram	Assistant Professor
28.	Mr.G.Xavier Richards	Assistant Professor

SUPPORTING STAFF

S.NO	NAME OF THE STAFF	DESIGNATION
1.	Mr.M.Vinoth Kumar	Technical Officer
2.	Mr.R.Vinoth Kumar	Technical Officer
3.	Mr.C.Gobalakrishnan	Lab Technician
4.	Mr.M.Muthukumar	Lab Instructor
5.	Mr.M.Karuppusamy	Lab Technician
6.	Ms.R.Suvalakshmi	Lab Technician
7.	Mr.G.Siva Sankar	Technical Assistant
7.	Ms.P.Parameshwari	Office Assistant

Faculty Participation in FDP/Seminar/Workshop/Orientation Program

S. No	Faculty Name	Event Name	Name of the Organization	Duration of the Event
1	Saravanan G	Implementation of Power Electronic Converter & Control Topologies in Electric Vehicle Applications: Challenges and Opportunities	Sri Krishna College of Technology	11-12-2023
2	Revathi R	2023 Global Conference on Information Technologies and Communications (GCITC)	REVA University	01-12-2023
3	Mohamed Ibrahim A	International Conference on Application of Artificial Intelligence and Internet of Things in Management, Science and Technology	Indian Academicians And Researchers Association	16-12-2023
4	Mohamed Ibrahim A	Emerging Trends in Artificial Intelligence and Deep Learning	Sri Sai Ram Institute Of Technology	26-12-2023
5	Sathish Kumar Dhamodharan	Faculty Development Program	Sri Sai Ram Institute Of Technology, Chennai	26-12-2023
6	Lalitha B	Emerging Trends in Artificial Intelligence and Deep Learning	Sri Sai Ram Institute Of Technology	26-12-2023
7	Pazhanimuthu C	Emerging Trends in Artificial Intelligence and Deep Learning	Sri Sai Ram Institute Of Technology	26-12-2023
8	Pazhanimuthu C	ATAL FDP	Sri Krishna College Of Technology	11-12-2023
9	Karthick A	FDP Challenges and Opportunities for Satellite Navigation Systems	Study World College Of Engineering	18-12-2023
10	Ravindran S	Emerging Trends in Artificial Intelligence and Deep Learning	Sri SAI RAM Institute Of Technology	26-12-2023
11	Balamurugan K	Emerging Trends in Artificial Intelligent and Deep Learning	Sri Sai Institute Of Technology	26-12-2023
12	Balamurugan K	Challenges and Opportunities for Satellite Navigation Systems	STUDYWORLD COLLEGE OF ENGINEERING	18-12-2023
13	Pandiyan P	Master Class on Solar PV System Design	Skilldzure	18-12-2023



Students Participation in FDP/Seminar/Workshop/Orientation Program

S. No	Student Name	Year	Event Name	Venue
1	AHIL MOZHI G T	III	VIKSIT BHARAT @ 2047	GOVERNMENT OF INDIA
2	DHARANI M	III	INPLANT TRAINING AT 230/110 KVSS	TANGEDCO
3	GIRITHAR R R	III	ITECH SECOM	PSG INSTITUTE OF TECHNOLOGY AND APPLIED RESEARCH
4	HARISH P S	III	GLOBAL CONFERENCE ON INFORMATION TECHNOLOGIES AND COMMUNICATIONS (GCITC)	REVA UNIVERSITY
5	JOSEPH BHARATH M	III	INTERNSHIP	NXT GEN INSTRUMENTS
6	KEERTHI RAGAVENDRAN S	III	GLOBAL CONFERENCE ON INFORMATION TECHNOLOGIES AND COMMUNICATIONS	IEEE BANGALORE AND REVA UNIVERSITY
7	LALITH RAJ R	III	ACQUIRING DATA	NASSCOM FUTURESILLS PRIME
8	SRIMATHI S	III	ATHLETICS	COIMBATORE INSTITUTE OF ENGINEERING AND TECHNOLOGY
9	SRIMATHI S	III	ATHLETICS	COIMBATORE INSTITUTE OF ENGINEERING AND TECHNOLOGY
10	VISHNU M	III	WORKSHOP ON OPTICAL COMMUNICATIONS	IIT MADRAS
11	SOWKANTHIKA V K	II	IGNO'S23	BIT
12	THRIVESH S	II	ANNA UNIVERSITY INTER ZONAL ATHLETIC COMPETITION	KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY
13	VISHAL KANNAN S I	II	QUBITS IO	BANNARI AMMAN INSTITUTE OF TECHNOLOGY

14	NITHISH MAHENDRAN	II	JAPANESE LANGUAGE PROFICIENCY TEST	JAPAN FOUNDATION
15	NITHISH MAHENDRAN	II	QUBITS IO	BANNARI AMMAN INSTITUTE OF TECHNOLOGY
16	ABINAYA ANANDKUMAR	I	ENERGY CONSERVATION	KINGS COLLEGE OF ENGINEERING
17	ABINAYA ANANDKUMAR	I	NATIONAL MATHEMATICS WEEK	KPRIET
18	BALAKRISHNAN N	I	NATIONAL MATHEMATICS WEEK	KPRIET
19	DEEPIKA R	I	ENERGY CONSERVATION	KINGS COLLEGE OF ENGINEERING
20	DEEPIKA R	I	BALANCING ACADEMICS AND EXTRACURRICULAR ACTIVITIES	KPRIET
21	DHARSHINI V	I	TECHNICAL QUIZ	KINGS COLLEGE OF ENGINEERING
22	DHARSHINI V	I	PRESENTATION BY STUDENTS ON ANY INNOVATION/NEW IDEAS IN MATHEMATICS	KPRIET
23	DHARSHINI V	I	MATHEMATICS QUIZ COMPETITION	KPRIET
24	DHARSHINI V	I	BALANCING ACADEMICS & EXTRACURRICULAR ACTIVITIES	KPRIET
25	DIVYA C S	I	SPORTS	CSI TECHNOLOGY
26	JANANI R	I	ENERGY CONSERVATION	KINGS COLLEGE OF ENGINEERING
27	JANANI R	I	BALANCING ACADEMICS AND EXTRACURRICULAR ACTIVITIES	KPRIET
28	JAYAVARSHA KANNIKA M	I	ENERGY CONSERVATION DAY CELEBRATION. QUIZ COMPETITION	KINGS COLLEGE OF ENGINEERING
29	JAYAVARSHA KANNIKA M	I	NATIONAL MATHEMATICS WEEK	KPRIET
30	JAYAVARSHA KANNIKA M	I	BALANCING ACADEMICS AND EXTRA CURRICULAR ACTIVITIES	KPRIET



31	KANISHKAA R	I	CREATING WEBSITE USING WORDPRESS-FREE HOSTING AND SUB DOMAIN	COURSERA
32	KANISHKAA R	I	GOOGLE ADS FOR BEGINNERS COURSE	COURSERA
33	LAKSHANYA R	I	NATIONAL MATHEMATICS WEEK	KPRIET
34	LAKSHANYA R	I	TAKSHAK	KARPAGAM COLLEGE OF ENGINEERING
35	MAHALINGAM N	I	ENERGY CONVERSATION	KINGS COLLEGE OF ENGINEERING
36	MENAGA S	I	QUIZ	MYGOV & EMPLOYEE
37	MENAGA S	I	HERITAGE	MY GOV
38	MENAGA S	I	INDIAN CONSTITUTION	MYGOV
39	MENAGA S	I	SARDAR UNITY TRINITY QUIZ	MYGOV AND EMPLOYEE
40	MOVIKA P	I	QUIZ	KINGS COLLEGE OF ENGINEERING
41	NANDANA A	I	BALANCING ACADEMIC AND EXTRACURRICULAR ACTIVITIES	KPRIET
42	NANDANA A	I	ENERGY CONSERVATION	KINGS COLLEGE OF ENGINEERING
43	NETHRA V	I	INTRODUCTION TO MICROSOFT EXCEL	COURSERA
44	NETHRA V	I	ENERGY CONSERVATION QUIZ	KINGS COLLEGE OF ENGINEERING
45	NYARIRI ASSEL T	I	ENERGY CONSERVATION	KINGS COLLEGE OF ENGINEERING
46	NYIKAVARANDA HAPPYMORE R	I	ENERGY STATE	KINGS COLLEGE OF ENGINEERING
47	NYIKAVARANDA HAPPYMORE R	I	TAKSHAK	KARPAGAM INSTITUTE OF ENGINEERING
48	RAJA NANTHIKA K V	I	ENERGY CONSERVATION	KINGS COLLEGE OF ENGINEERING



49	RAJA NANTHIKA K V	I	BALANCING ACADEMIC AND EXTRA CURRICULAR ACTIVITES	KPRIET
50	SHIYAM SUNDAR K S	I	INTRODUCTION TO EXCEL	COURSERA
51	SHIYAM SUNDAR K S	I	CREATE A WEBSITE USING WORDPRESS	COURSERA
52	SHREE DHARSHINI K	I	NATIONAL MATHEMATICS WEEK	KPRIET
53	SRI VARSHINI R	I	NATIONAL MATHEMATICAL WEEK	KPRIET
54	SUBHASHINI K	I	QUIZ	KINGS COLLAGE OF ENGINEERING
55	SUPRIYA K	I	ENERGY CONSERVATION	KPRIET
56	VISHAAL L	I	KNOW ABOUT EPFO QUIZ	MY GOV & EMPLOYEES' PROVIDENT FUND ORGANISATION
57	YAZHINI K	I	TAKSHAK	KARPAGAM COLLEGE OF ENGINEERING
58	YAZHINI K	I	NATIONAL MATHEMATICS WEEK	KPRIET
59	YAZHINI K	I	QUIZ ON ENERGY CONSERVATION	KINGS COLLEGE OF ENGINEERING

