

PRAGATI ENGINEERING COLLEGE

ELECTRICAL TIMES

VOL # 19

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ABOUT THE DEPARTMENT:

The **Electrical and Electronics Engineering** Department of **Pragati Engineering College** is fully Equipped with state of art laboratories' and its faculties consists of highly experienced professors, well qualified associate professors and dynamic assistant professors with commitment to give the young minds the very best they deserve.

Vision of the Institute:

“To emerge as a Premier Institution for Technical Education in the Country through Academic Excellence and to be recognized as a Centre for Excellence in Research & Development, catering to the needs of our Country.”

Mission of the Institute:

“To realize a strong Institution by consistently maintaining State-of-art-infrastructure and building a cohesive, World Class Team and provide need based Technical Education, Research and Development through enhanced Industry Interaction.”

Vision of the Department:

“To excel in Engineering Education and Research, inculcating professional and social ethics among the students through academic excellence in the field of Electrical & Electronics Engineering.”

Mission of the Department:

M1: To impart quality Technical Education with better infrastructure for students to make them globally competent and technically strong.

M2: To collaborate with industries and academic institutions to enhance creativity and innovation with professional and ethical values.

M3: To motivate faculty and students to do impactful research on societal needs and to build team work among them.

Program Educational Objectives (PEOs):

PEO1

To produce graduates with a strong foundation in the Basic Sciences, Mathematics, Computing and core knowledge in Electrical and Electronics Engineering through high quality Technical Education.

PEO2

To prepare graduates for successful and productive engineering careers, with emphasis on technical competency and with an attention to serve the needs of core and associated sectors by developing novel products and solutions for the real-time problems in a socio-economic way.

PEO3

To inculcate ethical attitude, honing effective communication skills and managerial skills to work in a multidisciplinary environment as a technocrat/administrator/entrepreneur and to acquire the knowledge for pursuing advanced degrees in Engineering, Science, Management, Research and Development.

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, 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)

Engineering Students will be able to:

PSO1: Apply the concepts of Power Systems, Power Electronics and utilization of Renewable Energy in implementation of interdisciplinary projects.

PSO2: Acquire the knowledge of Electrical and Electronics Engineering to participate in national and international competitive examinations for successful higher studies and employment.

ABOUT THE ELECTRICAL ASSOCIATION:

Association of ISTE is organizing national level technical event "EXULT". The national level technical symposium has events like paper presentations, quiz competitions, project model displays and poster presentations from various

engineering colleges. We have been organizing “EXULT” from last decade. Eminent personalities from various colleges and Universities are invited to act as Judges and made it a grand success.

The main aim of this symposium is to highlight the current status and emerging trends of technology in various topics towards the betterment of industrial research and IT fields. It will be a great opportunity for students to exchange their experiences through innovative ideas and make them acquired with latest technological trends.

LIST OF FACULTY MEMBERS:

1. Dr. A. Kailasa Rao (Director)	M.Tech, Ph.D, FIE
2. Dr. K. Sathyanarayana (HOD–EEE & Vice-Principal)	M.Tech,Ph.D,MIE,MIEEEE,MISTE, C Eng
3. Dr. M. P. N. Raju	M.Tech, Ph. D
4. Dr.G.Madhu Sudhana Rao	M.Tech, Ph. D
5. Dr. G.Naresh	M.Tech, Ph.D, MIEEEE, MISTE
6. Mrs. P. Vijaya Prasuna	M.Tech
7. Mr. S. M. Shariff	M.Tech, M.B.A, MISTE
8. Mr. M. Balaji	M.Tech
9. Ms. Ch. V.V. M. Lakshmi	M.Tech.
10. Mr. I. Murali Krishna	M.Tech
11. Mr. I. Srinu	M.Tech
12. Mr. S.V.V.S.K.Reddy	M.Tech
13. Mr. D. Krishna Chaitanya	M.Tech
14. Mrs. G. Durga Devi	M.Tech
15. Mr. S. Ashok Reddy	M.Tech
16. Mr. N. Sunil Kumar	M.Tech
17. Mrs. T. Himaja	M.Tech
18. Mr. I. Prudhvi kumar Raju	M.Tech
19. Ms. P. Surekha	M.Tech
20. Ms. T.Pravallika	M.Tech
21. Mr. P. Sailesh Babu	M.Tech
22. Mr. P.Anantha Chaitanya	M.Tech
23. Ms. M.S.S.S. Anusha	M.Tech
24. Mr. A.P.J. Varma	M.Tech
25. Mr. B.Ramesh	M.Tech
26. Mr. S.P.R.Swami	M.Tech
27. Mr. M.Raji Rahul	M.Tech

ACHIEVEMENTS OF EEE DEPARTMENT:

- Electrical branch has been qualified in AICTE-CII Survey-2015 and has grouped as “GOLD” category at National Level among a total of 2161 applications received by AICTE portal in the AICTE –CII Survey of industry linked technical institutes 2015.

- Pragati Engineering College has been granted the t-SDI(Technical Skill Development Institute) by APSSDC under G.O.MS.No.05, dated on 25-04-2016. Siemens will be establishing various Electronics, Electrical and Mechanical labs under this programme.

Faculty Development Programme (FDP):

Department of Electrical and Electronics Engineering of this college has organized a Faculty Development Programme (FDP) on “**Soft Computing Techniques and Their Applications to Electrical Engineering**” during 19th and 20th February 2016. The resource persons for the FDP are **Dr.G.Yesuratnam**, Professor, Department of Electrical Engineering University College of Engineering Osmania University, Hyderabad. **Dr.K.Ravindra** Associate Professor of University college of Engineering, JNTUK,Kakinada **Dr.K.Satyanarayana**, Professor &HOD of EEE Department of Pragati Engineering College **Dr.G.Naresh**, Associate Professor, of EEE Department of Pragati Engineering College.

Two Day Faculty development on “Soft Computing Techniques and Their Applications To Electrical Engineering” was Inaugurated by Dr.P.Krishna Rao, chairman, Sri.M.V.Haranadha Babu, Director (mgmt), Sri.M.Satish, Vice-President, Guest of Honor, A.Kailasa Rao,Director, Dr.G.Raghu Ram, Directorof the college by lighting the lamp. Dr.S.Sambhu Prasad, Principal, Dr.K.Satyanarayana, HOD-EEE & convener of the program, Dr.G.Naresh & Sri.P.SaileshBabu, Co-ordinators and participants from various engineering colleges have attended the programme. Speaking on this occasion convener of the programme Dr.K.Satyanarayana said that there are 52 No. of Academicians, Entrepreneurs, Researchers, Industry Personnel and PG student participants attended in this FDP. On this occasion Principal Dr.S.Sambhu Prasad explained about the Scope of research work in the field of Electrical Engineering. Speaking on this occasion Chief guest Dr.P.Krishna Rao, chairman explained in brief about the importance of the topics of FDP. Finally the Guest of Honor Dr.A.Kailasa Rao, Director enlightened the participants it is valuable lecture he recollected famous quote

1. Publish and perish 2. Imagination is more important than intelligence



Forenoon Session: 11:30AM to 01:15PM

Speaker: Dr. K.Ravindra Associate professor of EEE, UCEK, JNTUK.

Topics covered:

- 1) Selective Harmonic Elimination in Inverters Using Harmony Search

Algorithm

2) Optimal Distributed Generation Placement Using Harmony Search Algorithm.

Afternoon Session: 02:00PM to 3:45 PM

Speaker: Dr. K.Satyanarayana, professor of EEE, Pragati Engineering College.

Topics covered: Performance Improvement of Electrical Drives with Advanced PWM Techniques.



Day 2: 20-02-2016

Morning Session: 9:30 AM to 11:15 PM

Speaker: Dr. G.Naresh, Associate Professor of EEE, Pragati Engineering College.

Topics covered: 1) Genetic Algorithm and its Application for the Design of Multimachine Power system Stabilizers.

Forenoon Session: 11:30 PM to 01:15 PM

Speaker: Dr. G.Yesuratnam, Professor of EE, UCE, OU, Hyderabad.

Topics covered: 1) Power System Security Improvement with Fuzzy Approach

Afternoon Session: 02:00PM to 03:15PM

Speaker: Dr. G.Yesuratnam, Professor of EE, UCE, OU, Hyderabad

Topics covered: Congestion Management for Security and Economy Oriented Power System Operation.





Faculty Publications:

1. Mr. N Satish Kumar, Ms. Ch. V. V. Manga Lakshmi and Dr. K Satyanarayana published paper on “**Performance of Eleven Level ZETA Converter based Multi String Multi Level Inverter fed Three Phase Induction Motor Drive**” in International Journal of Scientific Research, Vol. 5, Issue 1 January 2016 Page No. 130-135.ISSN: 2277-8179
2. Sri. P Surya Prakash, Ms. Ch. V. V. Manga Lakshmi and Mrs. P V Prasuna published paper on “**Single Phase Matix Converter with Harmonic Injection PWM Technique**”in International Journal of Latest Trends in Engineering and Technology, Vol. 6, Issue 3 January 2016 Page No. 602-608.ISSN: 2278-621X
3. Mr. N Subbarao, Dr.KSatyanarayana and Mr.KSivaprasad Published paper on “**Performance improvement of sliding mode controller based indirect vector controlled induction motor**”in International Journal of Engineering Research and Advanced Research Technology(IJEART) , Volume-2 Issue-1on January 2016Page No.09-13.ISSN:2454-9290.
4. Mr. M. Ramakrishna, Dr.G. Naresh’ published paper on “**Design of Multi-Machine Power System Stabilizers using Gravitational Search Algorithm**” in International Journal of Soft Computing and Engineering (IJSCE)’, ISSN: 2231-2307 (Online), Volume-6 Issue-1, Page No.: 7-14, March 2016.
5. Mr. R. Ramamohan Rao, Dr.G. Nareshpublished paper on “**Optimal Allocation Of Distributed Generations For Distribution System Security And Reliability**” In International Journal Of Advances In Engineering Research (IJAER) 2016,Vol.No.11,Issue No.III,March,e-ISSN:2231-5152/p-ISSN:2454-1796.
6. Mr.G. Santosh,Mr. I.Murali Krishna, Mr.P. Saileshbabu published paper on “**Dynamic Voltage Stability Enhancement Using micro grid stabilizer**” In International Journal Of innovations in engineering technology (IJET), Volume-6 Issue-3 February 2016, ISSN:2319-1058.

Workshops Attended By The Faculty:

1. Mr. K. Murali Krishna, Mr M. Veera Chandra Kumar and Mr.G. Bhavanarayana attendedTwo day national workshop on “**photovoltaic systems and power electronics**” held at JNTUK on 29th & 30th April,2016.
2. Mr. S. M. Shariff attended the Two day national workshop on “**Evolutionary computing techniques: theory & MATLAB implementation**” held by mechanical engineering department at Pragati engineering college on 23rd & 24th April,2016.

Workshop attended by non-teaching staff:

➤ Mr.M.Gopi Krishna has attended workshop on MS office with advanced concepts from February 20-24, 2016

S.No	Webinar Topic	Date & Time	Presenter	Faculty Attended
1.	Higher Education in the United States	Jan 06, 2016 3:30 PM - 4:30 PM IST	Rajkamal Rao, Founding Managing Director of Rao Advisors LLC, United States of America	12
2.	Technology Aided and Practical Oriented Innovative Trends in Engineering Education	Jan 07, 2016 3:30 PM - 4:30 PM IST	Dr. Anupama Deshpande, Ex-Principal, Ex-HOD and Professor of Electrical Engineering Department Atharva College of Engineering, Mumbai, India	10
3.	Clean Village and Engineering Education	Jan 19, 2016 3:30 PM - 4:30 PM IST	Dr.Milind Kularni, Group Director & Professor of Engineering Institutes,ITM Group, Navi Mumbai.	15
4.	Pig Hadoop and Hive Hadoop	Jan 20, 2016 3:30 PM - 4:30 PM IST	Dr. E.Laxmi Lydia, Associate Professor, Dept. of Computer Science Engineering, Vignan's Institute of Information Technology, India.	12
5.	Virtual Academy: Improving Laboratory Experiences in Engineering Education	Feb 23, 2016 3:30 PM - 4:30 PM IST	Surendra Rathod Professor and Head Electronics Engineering Department Sardar Patel Institute of Technology, Mumbai	10
6.	Virtual Academy: Engineering Women Faculty in institutes provides an inspiration to working women: A case study	Feb 25, 2016 3:30 PM - 4:30 PM IST	Dr. J. S. Awati, Assistant Professor, Rajarambapu Institute of Technology, Sakharale, Maharashtra	7
7.	Virtual Academy: Women Engineers–Past, Present and Future Scenario, Savita Yadav	Feb 17, 2016 4:30 PM - 5:30 PM IST	Savita Yadav Netaji Subhash Institute of Technology Dwarka, New Delhi	9
8.	Virtual Academy: An Innovative Multi-Disciplinary Active Learning Task Towards OBE- A Case Study	Feb 16, 2016 3:30 PM - 4:30 PM IST	K.Uma Rao Department of EEE, RV College of Engineering, Bangalore	9
9.	IUCEE Virtual Academy: Improving the student performance using Think-Pair-Share for Operating System	Feb 2, 2016 3:30 PM - 4:30 PM IST	Mrs. Komal R. Pardeshi Assistant Professor, Computer Science and Engineering Department, Walchand Institute of Technology, Solapur, MH	11

10.	Automation of OBE process as per NBA guidelines for tier 2 UG/PG guidelines,using Ion CUDOS platform	Mar 3, 2016 3:30 PM - 4:30 PM IST	Prof. Akshay Gopal	9
11.	The effectiveness of virtual Labs in engineering education	Mar 4, 2016 3:30 PM - 4:30 PM IST	Anita Diwakar	10
12.	Meghraj- Government of India Cloud- Bedrock of Digital India	Mar 10, 2016 3:30 PM - 4:30 PM IST	Ravindra Dastikop	9
13.	Importance of spirit of inquiry in engineering education	Mar 15, 2016 3:30 PM - 4:30 PM IST	Madhav Murthy Assistant Professor Dept of Mech. Engg, BMS College of Engg, Bengaluru	8
14.	Sharing experience of Assessment Advisory Council at RK University	Mar 17, 2016 3:30 PM - 4:30 PM IST	Ajit Kumar Shukla Dept of Mech. Engg, School of Engineering, RK University, Rajkot	10
15.	Transformation in Indian Engineering Education through Academic Autonomy to High Performing Faculty Teams	Wed, Mar 23, 2016 3:30 PM - 4:30 PM IST	Dr.Thanikachalam	9
16.	Enhancing Institutional Governance beyond the Society's Act of 1860	Mar 29, 2016 3:30 PM - 4:30 PM IST	Dr.V.Thanikachalam NITTTR, Chennai	8
17.	Repository of Instructional and Assessment Techniques for OBE-based Instructional Module Development system	Mar 30, 2016 9:45 AM - 10:45 AM IST	Srividya Bansal, Assistant Professor , School of computing, Informatics & Decision Systems Engineering Arizona State University, Mesa, AZ	8
18.	A preliminary study on the relevance of OBE in engineering- A student centric approach	Mar 31, 2016 3:30 PM - 4:30 PM IST	Madhav Murthy BMS College of Engineering, Bengaluru	7
19.	Cognitive Based Course Activity: An Opportunity to Enhance Deficient Skills	Apr 7, 2016 3:30 PM - 4:30 PM IST	Kaushik M Dept. of Instrumentation Technology, B.V. Bhommaraddi College of Engg. & Technology, Hubli, Karnataka	9
20.	POGIL - A Dimension in Higher Education	Apr 12, 2016 3:30 PM - 4:30 PM IST	Dr.C.Jyotsna Associate Professor, Dept. of Humanities &Sciences VNRVJIET,Hyd.	6
21.	Practicing Peer Assessment: An Approach to develop 21st century	Apr 19, 2016 3:30 PM -	Dr. SiddharthJadeja Executive Director B. H. Gardi College of	6

	skills	4:30 PM IST	Engineering & Technology, Rajkot, Gujarat	
22.	Teaching Pedagogies Used in Higher Education for Better Learning Outcomes	Apr 21, 2016 3:30 PM - 4:30 PM IST	Andrew Solomon SOET, BML Munjal University, Gurgaon	6
23.	Practicing Hypothesis Report Testing- An Effort to Enhance the Learning in Design Analysis Laboratory	Apr 26, 2016 3:30 PM - 4:30 PM IST	NagarajEkabote KLE Technological University, BVB Campus, Hubballi	5
24.	Industry Teaching Fellow Webinar	Apr 26 4:30 pm – 5:30pm IST	Mr. Anil Pandit GE Industrial Solutions	7
25.	Developing Project Management Skills to enable Engineering Faculty to handle Multidisciplinary Projects	Apr 28, 2016 3:30 PM - 4:30 PM IST	Jyoti Bali Department of Automation & Robotics, BVB College of Engg.&Tech., Hubli	7
26.	Smart Learning of “Electrical Machines” and “Power Electronics”	Apr 29, 2016 3:30 pm – 4:30 pm IST	Dr.ing Praveen Kumar.Associate Professor,Dept. of EEE,Indian Institute of TechnologyNorth Guwahati, 781 039 Assam, India	7
27.	OBE Module for Placement of Undergraduate Program Students	May 04,2016, 3:30 pm – 4:30 pm IST	Dr.V.Jayashree Professor Electronics (PG) , Textile and Engineering Institute Rajwada, Ichalkaranji	5
28.	A Case Study on Teaching and Learning Innovations Applied to Engineering Education	May 05,2016, 3:30 pm – 4:30 pm IST	S. A. Soundattikar, V. R. Naik Mechanical Engineering Department DKTE’s, Textile and Engineering Institute, Ichalkaranji	7
29.	Strengthening and Sustaining of Industry-Academics- Government Partnership	May 10,2016, 3:30 pm – 4:30 pm IST	Dr.Vedhathiri Thanikachalam Former member of Academic Council of NITTTR, Chennai	5
30.	Tutoring Junior Undergraduate Students by Seniors in Engineering Courses	May 12,2016, 3:30 pm – 4:30 pm IST	Uma Boregowda ,Department of Computer Science and Engineering,Malnad College of Engineering,Hassan	5
31.	University Bridge Program: Innovation at the grass roots of learning in higher education	May 18,2016, 3:30 pm – 4:30 pm IST	RajaniKanth Aluvalu Department of Computer Engineering School of Engineering, RK	7

			University, Rajkot, Gujarat	
32.	Intrapreneurship and Innovation in Engineering Education	June 01,2016, 3:30 pm – 4:30 pm IST	Dr.Vedhathiri Thanikachalam Former member of Academic Council of NITTTR, Chennai.	4
33.	Towards Student-Centered Teaching: A New Paradigm	June 07,2016, 3:30 pm – 4:30 pm IST	Pragati Sawant,Department of Information Technology Rajarambapu Institute of Technology Sangli.	4
34.	Intro to SkyFi Labs Projects for Engineering Curriculum	June 17,2016, 3:30 pm – 4:30 pm IST	Pavan Ponnaganti, Founder & CEO and Aditya Chundi.	4
35.	E-Learning in Electrical Engineering by Deshya Technologies	June 17,2016, 3:30 pm – 4:30 pm IST	Dr. Praveen Kumar of IIT Guwahati .	5
36.	Engineering Education for the 21st century: Technology based hierarchical online learning	June 28,2016, 3:30 pm – 4:30 pm IST	Avik Ghosh Professor, Electrical and Computer Engineering University of Virginia, USA.	5
37.	Teacher Education - The immediate need for a positive transformation of engineering education in India	June 30,2016, 3:30 pm – 4:30 pm IST	Sreenivas Sarma Paraitham Civil Engineering Dept, CBIT, Hyderabad, Telangana	4
38.	Importance of leadership and culture at work	June 30,2016, 3:30 pm – 4:30 pm IST	Sri Ramesh Chikkala senior vicepresident,Walmart	4

PLACEMENTS:

S.No	Roll No	Name Of The Student	Selected Company
1	12A31A0202	Bandreddi Naga Sai Prathyusha	TCS
2	12A31A0203	Chalamalasetti Sowbhagya Valli	TCS
3	12A31A0212	Sai Pragnya C	TCS
4	12A31A0213	Vajjarapu Renuka Swathi	TCS
5	12A31A0235	K V B Ganesh Siva Sri Datta	TCS
6	12A31A0237	Kondayypalepu Naveen Sri Sai	TCS
7	12A31A0242	Marni Satish	TCS
8	12A31A0261	Adabala Devi	TCS
9	12A31A0264	Kommasani Aparna Sushma	TCS
10	12A31A0266	Mutyala Divya	TCS
11	12A31A0272	Sri Prasanna Kumari K	TCS
12	12A31A0295	Mandavilli Abhishek	TCS
13	12A31A0208	Kovvuri Sneha	TECH MAHENDRA
14	12A31A0214	Vallu Sireeshma	TECH MAHENDRA
15	12A31A0217	Bavisetti Satish	TECH MAHENDRA

16	12A31A0293	Kolluru Sai Manoj Skandha	TECH MAHENDRA
17	12A31A0205	Kalisetti Sai Srujana	VALUE LABS
18	12A31A0230	Inty S S Raja Ratna Rajaneesh	VALUE LABS
19	12A31A0284	D P Nrusimha Sasidhar Sarma	VALUE LABS
20	12A31A0230	Inty S S Raja Ratna Rajaneesh	POLARIS
21	12A31A0270	Polisetti Bhanu Sri	POLARIS
22	12A31A02A6	Reddy Veera Bhadra Kumar	GLEENWOOD
23	12A31A0287	Garimella Sai Surya Prasad	GLEENWOOD
24	12A31A0276	Akkina Chiranjeevi	ALLONLINE SOFTTECH
25	13A35A0210	S Rama Krishna Vithal	TECH MAHENDRA
26	12A31A0253	Sriram Dileep Kumar	HARPY CORE NETWORKS
27	13A35A0202	Achanta Satish	HARPY CORE NETWORKS
28	13A35A0204	Deva Siva Prasad	HARPY CORE NETWORKS
29	13A35A0210	S Rama Krishna Vithal	HARPY CORE NETWORKS
30	12A31A0226	G Bhaskara Vamsi Krishna Tarun	HARPY CORE NETWORKS
31	12A31A0275	Yeramati Vijaya Ratna Mounika	WOOSU AUTOMOTIVE
32	12A31A0279	Basava Vijay Kumar	WOOSU AUTOMOTIVE
33	12A31A0282	Chavvakula Swamy	WOOSU AUTOMOTIVE
34	13A35A0210	S Rama Krishna Vithal	WOOSU AUTOMOTIVE
35	12A31A0223	E S M H S S Ammanna Sastry	TRIPOD
36	12A31A0241	Mahidhara V V Krishna Teja	TRIPOD
37	12A31A0284	D P Nrusimha Sasidhar Sarma	TRIPOD
38	12A31A0206	Kosuri Suma Kumari	HGS
39	12A31A0207	Kothala Raja Rajeswari Devi	HGS
40	12A31A0210	Neelam Suhitha Angel	HGS
41	12A31A0221	Darapu Venkata Rama Kiran	HGS
42	12A31A0236	Kondapalli Anand Bhavan Kumar	HGS
43	12A31A0267	Muvva Lakshmi Anusha	HGS
44	12A31A0268	Nakkina Nandini	HGS
45	12A31A0282	Chavvakula Swamy	HGS
46	12A31A0292	Kasi Ravi Teja	HGS
47	12A31A02A0	Musinada Karthik	HGS
48	12A31A02B1	Ullingi Madhu Bharath	HGS
49	12A31A02B5	Vipparthi Taraka Srinivasa Anil	HGS
50	12A31A02B6	Amalakota Padma Raju	HGS
51	13A35A0201	Batchu Kasi Annapoorna	HGS
52	13A35A0206	Govindhalapudi Narendra Kumar	HGS
53	13A35A0210	S Rama Krishna Vithal	HGS
54	13A35A0212	Vipparthi Divyajyothi	HGS
55	13A35A0201	Batchu Kasi Annapoorna	Magic Minds
56	12A31A0282	Chavvakula Swamy	Wind World
57	12A31A0287	Garimella Sai Surya Prasad	Wind World
58	13A35A0215	Domma Venkateswarlu	GVK
59	13A35A0216	Gottupalli Veera Babu	GVK

60	13A35A0221	Sunkara Pavankumar	GVK
61	13A35A0211	Thathapudi Srikanth	GVK

Students Qualified in GATE 2016:

S.No.	Name Of The Student	Roll No	Rank
1.	E.S.S.M.H.S.S.Ammanna Sastry	12A31A0223	8334
2.	V.Mahesh	12A31A02B4	9323
3.	G.VeerA Babu	13A35A0216	18760

Student Achievements in various activities:

1. Mr. K SainathManohar and Mr. R Prasanth from Pragati Engineering College, Surampalem has received **2nd PRIZE for poster presentation on “Plant Microbial Fuel cell”** in EXCULT 2K16 on 05.01.2016.
2. Mr. L Naveen, Mr. M Naveen and Ms. A Amulyareceived **1st PRIZE for project model display on “Identification of Accident Vehicle”** in EXCULT 2K16 on 05.01.2016.
3. Ms. S YsaswiniShirisha and Ms. K Sivakumari received **2nd PRIZE for project model display on “Power Generation Using Speed Brakers”** in EXCULT 2K16 on 05.01.2016.
4. Ms. L Niharika, Ms. K Sri Tarani and Ms. P Varalakshmi received **1st PRIZE for technical quiz** in EXCULT 2K16 on 05.01.2016.
5. Mr. S Abbai, Mr.V Uttej and Mr. B Shanmukha Rao received **2nd PRIZE for technical quiz** in EXCULT 2K16 on 05.01.2016.
6. Mr. Ch.Hemantha Kumar received **1st PRIZE for paper presentation on “E-Plant”** in ENCURSO-2K16, held in JNTUK on 27th & 28th February 2016.
7. Mr. N.S.Gowtham Reddy and D.V.S.Seshndra received **1st PRIZE in general quiz** in ENCURSO-2K16, held in JNTUK on 27th & 28th February 2016.
8. Mr. A.V.V.Rama Krishna, Ms S.Siva Srujana received **3rd PRIZE for paper presentation on “Liquid Fluroide Sodium Reactor”** in SRUJANA'16'Vr held in Siddhartha college of engineering on 18th & 19th March 2016.

➤ The following IV EEE students have completed their remote internship projects under TCS:

S.No	Roll No	Name of The Student	Project Title
1.	12A31A0202	Bandreddi Naga Sai Prathyusha	Automatic Wind Tracking System For Constant Power Generation
2.	12A31A0203	Chalamalasetti Sowbhagya Valli	
3.	12A31A0212	Sai Pragnya C	
4.	12A31A0272	Sri Prasanna Kumari K	
5.	12A31A0235	K V B Ganesh Siva Sri Datta	Automatic Control Of Domestic Electrical Appliances
6.	12A31A0237	Kondayypalepu Naveen Sri Sai	
7.	12A31A0242	Marni Satish	
8.	12A31A0295	Mandavilli Abhishek	

- 69 Students from IV EEE have completed their project under APSSDC (Andhra Pradesh state skill development Corporation) programme.

Student Participations in various activities:

S.No	Date	Venue	Name of the Event	No. of participants
1.	05.01.2016	Pragati Engineering College	EXCULT-2K16	
			Project	52
			Paper	20
			Poster	61
			Quiz	65

EVENTS:

EXULT-2K16

The Department of Electrical and Electronics Engineering of this college organized a One-day **National Level Technical Symposium “Exult-2k16 Under STRIDES”** on 5th January, 2016. This event was inaugurated by the Chief Guest, **Dr. A Kailasa Rao**, Former Principal of JNTUK and CARD JNTUH. The Chief Guest, in his message conveyed that exposure to technical symposium will acquaint knowledge on the emerging technologies like solar and wind power generation for the future generations.

Dr. P. Krishna Rao, Chairman of the College emphasized that EXULT-2K16 is an opportunity for Electrical students to explore their innovative ideas and make them acquainted with latest technological trends.

Dr. S. Sambhu Prasad, Principal of the college addressed that unless we dirt our hands in mines we can't get diamonds and with hard work all countries should bind for legal energy efficiency devices to lit the world forever and extended his wishes for making event successful.

Dr. K. Sathyanarayana, Vice-Principal & HOD-EEE, who played a pivotal role in organizing this programme said that about 246 Entries were Presented in various events like paper Presentation, Poster Presentation, Project Presentation and Technical Quiz, Out of which 30 Paper Presentations, 50 Poster Presentations, 30 Project Presentations and 30 Technical Quiz teams were selected in the final round. **Sri S.M.Shariff** and **Sri.K.Siva Prasad**, Assistant Professors of EEE are acted as coordinators.

Sri. T Murali Mohan and **Sri. M Ravindra Babu** Assistant Professors , JNTUK are acted as Judges for the event. **Sri M. V. HarnathBabu**, Director (Mgmt), **Sri. M. Satish**, Vice-President **Dr.G.Raghu Ram**, Director, **Dr. G. Naresh**, Associate-Professor of EEE, HODs', Staff, Participants and students are present at the Prize distribution function.

PRIZE WINNERS OF THE EVENT:

PAPER PRESENTATION:

FIRST PRIZE: Topic “Witricity Technology”

1. Mr. DVNSS Subhash from Srinivasa Institute of Engineering & Technology, Cheyyeru.

SECOND PRIZE: Topic “Smart Grid”

1. Ms. Mohammed Jafri 2. Ms. M. Hari chandana from JNTUK, Kakinada

POSTER PRESENTATION:

FIRST PRIZE:Topic “Fuel Cell in Aero Space”

1. Ms. K BhargaviPriyanka 2. Ms. V Bhargavi sai from ISTS WomensEngg. College, Rajanagaram.

SECOND PRIZE:Topic “Plant Microbial Fuel cell”

1. Mr. K Sainadh Manohar 2. Mr. R Prasanth from Pragati Engineering College, Surampalem.

PROJECT MODEL DISPLAY:

FIRST PRIZE:Topic “Identification of Accident Vehicle”

1. Mr. L Naveen from Pragati Engineering College, Surampalem
2. Mr. M Naveen from Pragati Engineering College, Surampalem.
3. Ms. A Amulya from Pragati Engineering College, Surampalem.

SECOND PRIZE:Topic “Power Generation Using Speed Brakers”

1. Ms. S Yasaswini Shirisha from Pragati Engineering College, Surampalem
2. Ms. K Sivakumari from Pragati Engineering College, Surampalem

TECHNICAL QUIZ:

FIRST PRIZE:

1. Ms. L Niharika from Pragati Engineering College, Surampalem
2. Ms. K Sri Tarani from Pragati Engineering College, Surampalem
3. Ms. P Varalakshmi from Pragati Engineering College, Surampalem

SECOND PRIZE:

1. Mr. S Abba from Pragati Engineering College, Surampalem
2. Mr. V Uttej from Pragati Engineering College, Surampalem
3. Mr. B Shanmukha Rao from Pragati Engineering College, Surampalem.

Finally the valedictory function was conducted at 3.30 P.M. First and second prize winners are awarded with cash prizes and certificates.





INDUSTRIAL VISIT:

A 220MW Combined Cycle Power Plant (Reliance Infrastructure Limited, Samalkot authorities gave the permission for 2013 admitted batch of III year students to visit the plant on the on 29 february,2016. III B.Tech I Sem of EEE- A& B Section Students (2013-17 batch) visited the plant in two sessions accompanied by two assistant professors. Sri.V.Mohan Raj Kumar Assistant Vice President(Electrical) of the Reliance Power plant along with two MaintenanceEngineers expalined the plantdetails.They explained the details of Equipments and its functioning in plant. After that the students were allowed to Control Room for Observing the G-T Synchronization Process they had explained about G-T Synchronozation Process.They explained the various components and functioning of switch yard.



INTERNATIONAL WOMEN'S DAY:

The International women's Day was celebrated on 8th March, 2016 in college with the coordination of all the departments, on this occasion Dr. S.Sambhu Prasad, Principal, Dr. K. Sathyanarayana, Vice-Principal & H.O.D-EEE, and Dr.N.Leelavathi HOD-CSE spoke about the women accomplishments in various fields and have inspired the students and faculty to achieve their goals in their lives and briefed them about women empowerment.



AMBEDKAR JAYANTHI:

On the occasion of 125th birthday celebration of Dr B. Ambedkar on 14th April, 2016, Dr. P.Krishna Rao, Chairman, Sri. M. V. Harnatha Babu, Director, Dr. S.Sambhu Prasad, Principal, Dr. K. Sathyanarayana, Vice-Principal & H.O.D-EEE and other HOD's and faculty member have attended and paid homage to Dr B. Ambedkar in the conference hall of the college.



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