PRAGATI ENGINEERING COLLEGE

ELECTRICAL TIMES

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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 associative professors and dynamic assistant professors with commitment to give the young minds the very best they deserve.

ABOUT THE ELECTRICAL ASSOCIATION:

Association of EEE organized a national level technical event "EXULT". The national level technical symposium had events like paper presentations, quiz competitions, model displays from various engineering colleges. We conducted "EXULT" from past Three years. Eminent personalities like HOD's from various colleges to part in EXULT as Judges and made it a grand success.

The main aim of this symposium us to highlight the current status and the 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 experience through innovative ideas and make them acquired with latest technologies.

LIST OF FACULTY MEMBERS:

1.	Dr. A. Kailasa Rao (Director)	B.Tech(HONS),M.Tech,Ph.D(IIT)
2.	Dr. N. Pradeep	M.Tech, Ph.D
3.	Sri. K.Satyanarayana (H.O.D)	M.Tech (Ph.D)
4.	Sri. G.Naresh	M.Tech (Ph.D)
5.	Sri. V.Madhu	M.Tech.
6.	Sri. A.Ramesh	M.Tech
7.	Ms. P.Vijaya Prasuna	B.Tech
8.	Sri. S.M.Shareef	B.Tech
9.	Ms. K.Deepika	B.Tech
10.	Ms. B.Ramya	B.Tech
11.	Ms .V.Vysali	B.Tech
12.	Sri.M. Balaji	B.Tech

Workshops attended by faculty members:

- Ms. P. Vijaya Prasuna, Assisstant Professor attended five day Faculty Development Program workshop on 03/05/2010 to 07/05/2010 jointly organized by MISSION 10X AND WIPRO at KIET, Korangi.

- Mr. A. Ramesh, Assisstant Professor attended one day "Recent Advances in Power System engineering and Applications" workshop on 19.02.2010 organized by JNTU, Kakinada.

Events Organized by EEE Association:

The Department of Electrical and Electronics Engineering of Pragati engineering college, Surampalem, Organized a One-day **National Level Technical Symposium** " ***Exult-2010*** " on 2nd Mar 2010.The event was inaugurated by the Chief Guest Sri**. C.Laxmi Ganapathi Sastri, Samalkot**. The Chief Guest advised the students to take up the core areas as their carrier. **Dr. A.Kailasa Rao Director** of the college welcomed the gathering. **Sri K.Satyanarayana** HOD of EEE Department and Convener briefed the audience about the Event.

Total of 175 Engineering Colleges across the Country participated in this event in which 250 papers were received for paper presentation ,110 project models,90 Poster presentations and 40 Technical quiz teams for the contest Out of the above 35 papers ,25 models ,20 posters and 15 technical quiz teams were short listed we invited eminent persons **Dr.M.Ramalinga Raju** Professor and **Head of the Department** of EEE Department, J N T U Kakinada, **Prof.M.Pappayyanaidu** Professor and Head of the Department of EEE in **Godavari Engineering College**, Rajahmundry and **Mr.K.Ravindar** Associate professor in EEE Department in Jnt university for judging the winners of the above Events. **Mr.S.M.Shariff Associate professor of EEE Department**, Pragati Engineering College, coordinated the Event.

In the Evening, valedictory function was held .The Chairman of the college, **Dr.Parchuri Krishna Rao** congratulated the college for organizing such a grand event and highlighted the importance of such events in the student's carrier**. Sri.M.V.Harnatha Babu**, Director congratulated HOD for making the event a Grand success. Dr. A.Kailasa Rao, Director, **Prof. K Anand Mohan**, **Director (Admin), Dr.G.Raghu Ram**, **Director(Admin)**, and other Heads of the departments, staff members were present at the function.

The following Events Were started at 10:00A.M on 02/03/2010

Paper Presentation

This Event is a beacon of light for all those who are deeply involved in researching the different dimensions of science and engineering. It is designed to refine concepts, develop scientific attitude and approach towards problem statements. 200 papers were received for paper presentation. 35 Papers are selected for participation.

First prize: Topic: **"Geothermal Energy**" by Ms. K.Divya and Mr.C.Ferdinand
Regency institute of Technology, Yanam

Second Prize: Topic: **"Solar power Generation"** by Ms.K.Lalitha and Mr.K.Suresh
Godavari institute of Engineering and Technology

Consolation Prize: Topic: **"Biomass as the source of power generation for the future world"**
K.Vinothini and G.Themazhai
Mahindra Engineering College, Namakkal, Tamilnadu.

Project model display

This event mainly deals with how the principle involved in that equipment can be utilized for the future design of new equipment, which will be widely accepted than the present equipment. 110 projects were received for project Display. 85 projects are selected for participation.

First prize: Topic: **"Wireless Power Transmission Using Tesla"** by Ms.D.R.Divya and Mr. S.Vijay Kumar, KIET, Korangi

Second Prize: Topic: **"Smart renewable source of wind Energy utilization" by** Ms.P.V.V.Laxmi, Ms.K.Sri Sindhusha and Ms.Sravani
Sri Vishnu Engineering College, Bhimavaram

Poster Presentation

90 posters were received for project Display. 20 projects are selected for participation.

First Prize: Topic: **"Magnetic Levitations"** by Mr. Ch.Pavan Kumar and Mr.B.Divya Teja, Regency institute of Technology, Yanam

Second Prize: Topic: **"Motionless Electromagnetic Generator"** by Mr.Ch.Vamsi Manoj and Mr.V.Anand, Pragati Engineering College,

Technical Quiz:

A quiz that tests the participant's in depth knowledge of science and technology, also the findings of famous scientists and interesting events from the world of science dating right back to the time of Pythagoras to the latest yet to be found technology! The techies can really have a feast to their wonderfully working brain. There is lot more to those who do not fail to make themselves available before news channels and newspapers.40 teams are registered for technical quiz 15 teams are selected for participation.

First Prize: Ms.P. N.Jyothi and Ms. N.Manohari
Sri Prakash Engineering College, Tuni.

Second Prize: Mr.V.Rama Giri, Mr. N.S.Veerabhadra Rao and Ms.PVSS Ramya
Aditya Engineering College, Surampalem

First Consolation Prize: Mr. S.R.M.R.A.O.Mallaph and Mr.V.Sai Kamesh
Chaitanya institute of Science and Technology, Madhavapatnam.

Second Consolation Prize: Ms.S.S.Sireesha, Ms.Divya and Ms.Srujana
B V C I T, Batlapalem

Dr.M.RamalingaRaju Professor and **Head of the Department** of EEE Department, Jnt University Kakinada, **Prof.M.Papayya Naidu** Professor and Head of the Department of EEE in **Godavari Engineering College** Rajahmundry and **Mr.K.Ravindar** Associate professor in Jnt University were selected the winners of the above Events

WORKSHOPS CONDUCTED BY EEE ASSOCIATION:

- A one day Workshop is conducted by Dr. R. Sridhar, MBBS, DCH, FCGP, Children's Specialist, Sushrutha Hospital, Kakinada on 05.03.2010 on topic **"First Aid and Safety Workshop".** On this Event **210** Students of Electrical and Electronics Engineering Department, Head of the Department, Faculty and Director's of Pragati engineering college are participated.

- A one day Workshop is conducted by Dr. A. Kailasa Rao, Director, Pragati Engineering College on 05.03.2010 on topic **"General Electrical House Wiring".** On this Event **210** Students of Electrical and Electronics Engineering Departmemt are participated.

- A Guest lecture is given by Delagates, on topic **"Interactive session on Higher Education"** on 04.03.2010. The guest lecture was conducted in EEE Staff Room .On this Event **220** Students of Electrical and Electronics Engineering Department, Head of the Department, Faculty and Director's of Pragati engineering college are participated.

- A Guest lecture is given by Sri. Sarath Chandu and Sri. B. Rajesh Kumar, on topic **"Hardware and Networking"** on 04.03.2010. The guest lecture was conducted in ECE Staff Room .On this Event **150** Students of Electrical and Electronics Engineering Department, Head of the Department, Faculty and Director's of Pragati engineering college are participated.

- The Department of EEE has conducted One day workshop in association with Orange Park, Kakinada. In this workshop around 30 students were participated and made some of the live projects.

QUATATIONS:

- "A man can succeed at almost anything for which he has unlimited enthusiasm" - **Charles Schwab**
- "Continuous effort – not strength or intelligence is the key to unlocking our potential" - **Sir Winston Churchill**
- " Five essential entrepreneurial skills for success : Concentration, Discrimination, Organization, Innovation and communication." - **Micheal Gerber**
- "Goals are dreams we convert to plans and take action to fulfill." - **Zig Ziglar**
- "Our power is in our ability to decide." - **Buckminster Fuller**
- " I'm a slow walker, but I never walk back." - **Abraham Lincoln**

ABOUT OUR STUDENTS:

Student Achievements:

4th year 2nd semester Toppers

D. Snigdha (06-202) – 89%

G. V. Manikanta (06-258) – 88%

3rd year 2nd semester Toppers

Ratna Kumari (07-211) – 81%

SN Chaitanya(08-206) – 78%

2rd year 2nd semester Toppers

Gullinkala Naga Siddhardha(08-231) – 87%

Bhere Bhuvana (08-202) – 86%

1st year Toppers

ANV Lakshmi Lavanya (09-202) – 88%

K. Susmitha (09-206) – 87%

Student achievements:

Excellency shown by students of IV year EEE in campus recruitment to various companies.

S No	Name of the Student	H.T. No	PLACEMENTS
1	D Singdha	06A31A0202	Aricent Tech. Ltd.
2	D Singdha	06A31A0202	Educomp
3	Dasari Vani	06A31A0203	GIET,Rjy
4	Dasari Vani	06A31A0203	Educomp
5	Sripada L S P Keerthana	06A31A0211	Educomp
6	Tadi Sunaina	06A31A0213	HCL
7	Tadi Sunaina	06A31A0213	Educomp
8	Vemuri V S Syamala	06A31A0214	Infotech
9	Vemuri V S Syamala	06A31A0214	Educomp
10	Aditya Pavan Kumar U	06A31A0216	Aditya Enng. (Faculty)
11	Jyothikiran Rayi	06A31A0224	Infotech
12	Meka Mehar Tejaswi	06A31A0232	Cavin Care
13	Naveen Lakkimsetti	06A31A0238	Educomp
14	Patnana Uday	06A31A0242	Lanco
15	Singireddi Manikanta	06A31A0250	United Bank of India
16	Sudheer Reddy Karri,	06A31A0254	Enmas O&M
17	Surapa Raju Varshavayi,	06A31A0256	Educomp
18	Venkata Manikanta Gedela	06A31A0258	Educomp
19	Venkata Satya Pradeep Ch	06A31A0259	GVK
20	Venkata Satya Pradeep Ch	06A31A0259	Educomp
21	Kanta V Durga Ravindra	07A35A0201	BHEL
22	Kanta V Durga Ravindra	07A35A0201	Educomp
23	Pendurhi Sai Turan	07A35A0202	BHEL
24	Pendurhi Sai Turan	07A35A0202	Educomp
25	Satish Atru	07A35A0203	Educomp

- N. Suneel Kumar (06A31A0255) has joined in M. Tech (EEE) in JNTU,Kakinda.
- Korukonda Madan Kumar(06A31A0231) has joined in M. Tech(EEE) in JNTU, Hyderabad.

- V. Anand, student of III year EEE , has participated in **project display** on **"Motionless Electromagnetic Generator"** and won the **2nd prize** at EXULT 2010 held at Pragati Engineering College, Surampalem.
- Ch. Vamsi Manoj, student of III year EEE , has participated in **project display** on **"Motionless Electromagnetic Generator"** and won the **2nd prize** at EXULT 2010 held at Pragati Engineering College, Surampalem.

Active participants:

- M. Swaroop, student of III year EEE , has given a **project display** on **"PC based DC Motor Speed controller"** at EXULT 2010 held at Pragati engineering college, Surampalem.
- B. Sriram, student of III year EEE , has given a **project display** on **"PC based DC Motor Speed controller"** at EXULT 2010 held at Pragati engineering college, Surampalem.
- K. ArunKumar, student of III year EEE , has given a **project display** on **"PC based DC Motor Speed controller"** at EXULT 2010 held at Pragati engineering college, Surampalem.
- P. Chiranjeevi Raju, student of III year EEE , has given a **paper presentation** on **"Broad band Communication over power lines"** at AEON'10 held at JNTUK.
- P. Chiranjeevi Raju, student of III year EEE , has given a **paper presentation** on **"Broad band Communication over power lines"** at EXULT 2010 held at Pragati engineering college, Surampalem.
- V.V. N. Neelima, student of III year EEE , has given a **paper presentation** on **"Fuzzy Advanced Controllers"** at EXULT 2010 held at Pragati engineering college, Surampalem.
- G. Bhavanarayana, student of III year EEE , has given a **paper presentation** at EXULT 2010 held at Pragati engineering college, Surampalem.
- K. Sriram, student of III year EEE , has given a **paper presentation** on **"Micro controller based solar tracking system"** at EXULT 2010 held at Pragati engineering college, Surampalem.
- D. Sarath chandra, student of III year EEE , has given a **paper presentation** on **"Micro controller based solar tracking system"** at EXULT 2010 held at Pragati engineering college, Surampalem.
- S. Venkatesh, student of III year EEE , has given a **paper presentation** on **"Micro controller based solar tracking system"** at EXULT 2010 held at Pragati engineering college, Surampalem.
- T. Vennala, student of III year EEE , has given a **project display** at EXULT 2010 held at Pragati engineering college, Surampalem.
- P. Jhancy Rani, student of III year EEE , has given a **project display** on **"Constant current Battery charger"** at EXULT 2010 held at Pragati engineering college, Surampalem.
- Nahid Sana, student of III year EEE , has given a **project display** on **"Constant current Battery charger"** at EXULT 2010 held at Pragati engineering college, Surampalem.
- D. Anusha, student of III year EEE , has given a **project display** on **"Constant current Battery charger"** at EXULT 2010 held at Pragati engineering college, Surampalem.
- M. Sailaja Devi, student of III year EEE , has given a **project display** on **"Automatic Water pump control"** at EXULT 2010 held at Pragati engineering college, Surampalem.
- Ratna Kumari, student of III year EEE , has given a **project display** on **"Automatic Water pump control"** at EXULT 2010 held at Pragati engineering college, Surampalem.
- S. Satya sri, student of III year EEE , has given a **project display** on **"Automatic Water pump control"** at EXULT 2010 held at Pragati engineering college, Surampalem.
- Ch. Sitalakshmi, student of III year EEE , has given a **paper presentation** on **"Fuzzy Advanced Controllers"** at EXULT 2010 held at Pragati engineering college, Surampalem.
- T. Chandra hari, student of III year EEE , has given a **project display** at EXULT 2010 held at Pragati engineering college, Surampalem.

- D. UmaSuvarchala, student of III year EEE , has given a **project display** at EXULT 2010 held at Pragati engineering college, Surampalem.
- M. Satish Kumar, student of III year EEE , has given a **project display** at EXULT 2010 held at Pragati engineering college, Surampalem.
- A. Raviteja, student of III year EEE , has given a **poster presentation** at EXULT 2010 held at Pragati engineering college, Surampalem.
- K. Pratyusha, student of III year EEE , has given a **poster presentation** at EXULT 2010 held at Pragati engineering college, Surampalem.
- M. Tanuja, student of II year EEE , has given a **paper presentation** on **"Amorphous Transformer"** at EXULT 2010 held at Pragati engineering college, Surampalem.
- Faize Sultana, student of II year EEE , has given a **paper presentation** on **"Amorphous Transformer"** at EXULT 2010 held at Pragati engineering college, Surampalem.
- P. Jhancy, student of III year EEE , has participated in Workshop on **"Dual Motor L298 H Bridge Control"** at EXULT 2010 held at Pragati engineering college, Surampalem.
- S. Pavani, student of II year EEE , has participated in Workshop on **"Dual Motor L298 H Bridge Control"** at EXULT 2010 held at Pragati engineering college, Surampalem.

EDITORIAL BOARD COMMITTE:

Staff

1. Sri. K. Satyanarayana, H.O.D-E.E.E
2. Ms .V.Vysali, Assistant Professsor

Students

1. Ravi Teja.Viswanadha (III EEE - 262)
2. M. Sailaja (III EEE - 211)