



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

NEWSLETTER (2014-15)



Vision

To develop professionally competent Electrical and Electronics Engineers to cater to the global needs in multi-disciplinary domains.

Mission

To offer quality education in the field of Electrical and Electronics Engineering and to empower the students by imparting technical skills for innovating, transforming and globalizing the power sector so as to lead the society in a better way.



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY
Sindalagundu post, Dindigul

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Events Organized

Inauguration of ELITE

Association of EEE department was inaugurated on 19-7-2014. The chief guest of honor was Dr.P.R.Venkateshwaran , senior engineer from BHEL ,Trichy.



One day Seminar on Digital Signal Processing

Guest Speaker: **Dr.Ashok roa , IISC,Bangalore** Associate Professor,SSMIET.

Participants : Students from other colleges and EEE,ECE students of SSMIET

Department of EEE of SSM Institute of Engineering & Technology conducted a Digital signal processing seminar on 02/02/2015 ,Prof. J. Karthikeyan, HOD/EEE welcomed the gathering. Dr.Ashok roa, IISC Bangalore.delivered the Lecture on “Digital signal processing”. He explained about the advancement in Digital signal processing. Faculty members and students of SSMIET were benefited through this seminar.

PHOTO CLIPPINGS



Resource person Dr. **Ashok roa**, IISC Bangalore delivering the lecture

Seminor On Industry Institute Interaction

Guest Speaker:.. Er.A.Venkatesh,Excel Automation solutions,Chennai.

Er.Bharadidasan,General Manager,TVS Rubber factory, Madurai.

Participants : Other colleges faculty members,Industrial side participants
and UG/PG Students

Department of EEE of SSMIET conducted ISTE sponsored Industry Institute Interaction seminar on 12/02/2015,Industry Institute Interaction continuously supplied input to better teaching-learning processes, create awareness among the students about the environment of industry, provide real practical knowledge to students and provide self confidence for students to become an entrepreneur.

Guest speakers, Er.A.Venkatesh, Er.Bharadidasan delivered fruitful ideas on successful Carrier in core Sector.

PHOTO CLIPPINGS



Mr. Venkatesh, Excel Automation explained about the recent scenario of campus recruitment in Industries.

One Day Seminar On Artificial Neural Network

Guest Speaker: Dr. Paulraj Murugesan

University of Malaysia Perlis, Malaysia

Participants : EEE Faculty Members and II year EEE Students

Department of EEE has organized a one day seminar on “Artificial neural network” on 16/03/2015. The resource person is Dr. Paulraj Murugesan

University of Malaysia Perlis, Malaysia. The objective of the lecture is to create awareness on Artificial Neural Network and its applications.. About 90 students participated in the program. Prof. J. Karthikeyan, HOD/EEE welcomed the gathering, Dr. R. Chandran, Campus director felicitated the gathering, The Chief Guests Dr. Paulraj Murugesan actively delivered the guest lecturer and took over the session.



Dr. J. Karthikeyan, ISTE chapter secretary welcome the gathering,



Dr. Paulraj Murugesan delivering the lecture on ANN

ETEE-2015 National conference

Guest Speaker : **Dr. P.SIVAKUMAR** ,Director & Outstanding Scientist, CVRDE,
DRDO, Avadi, Chennai.

Participants : Faculty members and Research scholars,PG students from
Various colleges.

National Conference on Emerging trends in Electrical engineering was organized by the Department of Electrical and Electronics Engineering and ISTE Chapter SSMIET on 28/03/2015. It was co-sponsored by ISTE(TN &P). Dr.J.Karthikeyan, HOD/EEE delivered the welcome address ,Dr.R.Palanichamy felicitated the gathering, Dr. **P.SIVAKUMAR** DRDO delivered the lecture on recent trends in electrical engineering, The conference events were planned around the theme: "Technologies to power the future". The conference received a huge response in its maiden venture, and was actively participated by research scholars, power and energy engineering experts, distinguished faculties from various universities, and promising research students from across the length and breadth of India.



Dr.J.Karthikeyan, HOD/EEE delivering the welcome address.



Principal honoring the chief guest with memento

Industrial visit To Kudankulam power plant

Guest Speaker : Er.R.S.sundar,Director,KKNPP

Participants : Faculty members of SSMIET

Department of EEE of SSMIET organized Industrial visit to Kudankulam nuclear power plant on 11/07/2014, Faculty members of SSMIET visited KKNPP plant, through the Industrial visit students get exposure about the Safety, Operation and Construction Practiced in the nuclear power plant.

PHOTO CLIPPINGS



Asimo Find- Robotic workshop for School Students

Guest Speaker : Er.S.Ravindra kumar
Participants : Students of various schools.



Department of EEE has organized a three day Robotic Workshop ASIMO FIND JUNIOUR from 25/06/2015 to 27/06/2015. The resource person is Er.S.Ravindra kumar ,IRRDA Automations,Karur. The objective of the workshop is to create awareness on Robotics and its applications.About 200 school students participated in the program. Prof. J. Karthikeyan, HOD/EEE welcomed the gathering, Dr.R.Palanichamy ,Principal felicitated the gathering, The Chief Guests Er.S.Ravindra kumar conducted the hands on training to the students and took over the sessions.

STUDENT'S ACTIVITIES:

TRAINING PROGRAMMES:

S.NO	Name	Year	Branch	Program Details	Venue	Date/Duration
1.	R.Sathiya Priya	III	EEE	Dot Net	Blue Genie Technologies	20.10.14/ 1 week

Seminars/Workshop/Conference/Paper Presentation attended by Students

S.NO	Name	Year	Branch	Program Details	Venue	Date/Duration
1.	M.Sarojini Devi	III	EEE	Android Workshop	NIIT, Dindigul	24.11.14/ 1 day
2.	K.Anitha	III	EEE	Android Workshop	NIIT, Dindigul	24.11.14/ 1 day
3.	R.Sathiya Priya	III	EEE	Android Workshop	NIIT, Dindigul	24.11.14/ 1 day
4.	R.Rajalakshmi	III	EEE	Advanced Industrial Automation	GCT, Coimbatore.	19.03.15/ 1 day
5.	R.Thilagavathi	III	EEE	Advanced Industrial Automation	GCT, Coimbatore.	19.03.15/ 1 day
6.	A.Vijaya Gowri	III	EEE	Advanced Industrial Automation	GCT, Coimbatore.	19.03.15/ 1 day
7.	B.Suriya Prabha	III	EEE	Advanced Industrial Automation	GCT, Coimbatore.	19.03.15/ 1 day

STUDENT ACHIEVEMENTS:

Accolades from Various Quarters:

S.NO	Name	Year	Branch	Description	Venue	Date/Duration	Postion/Prize
1.	M.Sarojini Devi & P.Archana	III	EEE	Artificial Vision Using Embedded System	M.Kumarasamy College of Engg.,	25 th Feb 2015	1 st Prize

Faculty Activities
Seminar/Conference /Workshop

S.NO	Name	Designation	Description	Venue	Date/Duration
1.	T.SARANYAA	AP/EEE	MNRE sponsored Advanced Micro grids Using Hybrid Renewable Energy Sources.	Dr. Mahalingam College of Technology	Nov.20 &21 (2 days)
2	D.MANOJ	AP/EEE	“Identification and Control of Inverted Pendulum Using Soft-Computing Methodologies”	ETEE -2015 National conference SSMIET	28/03/2015
3	P.SIVA SUBRAMANIAM	AP/EEE	Performance Analysis of Buck Converter Using Bacterial Foraging Optimization Technique	ETEE -2015 National conference SSMIET	28/03/2015
4	T.SARANYAA	AP/EEE	Improvement of Power Quality Performance Using FACTS Device Interline Dynamic Voltage Restorer	ETEE -2015 National conference SSMIET	28/03/2015
5.	M.EDWIN LAWRENCE	AP/EEE		Mepco Schlenk Engineering College.	24/04/2015

Industrial visit:

II Year students were taken on an one day Industrial visit to Kudankulam nuclear power plant at Tirunelveli.4 faculty members from SSMIET accompanied them to power plant.

