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VIDYUTH

ELECTRICAL AND ELECTRONICS ENGINEERING

Ere long intelligence—transmitted without wires—will throb through the earth like a pulse through a living organism. The wonder is that, with the present state of knowledge and the experiences gained, no attempt is being made to disturb the electrostatic or magnetic condition of the earth, and transmit, if nothing else, intelligence.

— Nikola Tesla



S V ENGINEERING COLLEGE FOR WOMEN
KARAKAMBADI ROAD, TIRUPATI – 517507

Principal's Message

**Dr. T.KALPA LATHA REDDY, ME, Ph.D, LMIETE, LMISTE
PRINCIPAL, SVEW**

The Department of Electrical and electronics engineering was formed with the primary objective of providing world class education in the field of Electrical Engineering, while addressing the problems of today and tomorrow. Right from its inception, the department has been offering excellent infrastructural facilities with a variety of computing platforms to aspiring professional students to meet the burgeoning demands of the industry. The strength of the department lies in the highly motivated students who understand the dynamics of the industry and hone their skills accordingly.

HOD's Message

**Dr. SHAIK RAFI KIRAN, M.Tech, Ph.D, FIE, MISTE, MIAENG
HOD, Department of EEE, SVEW**

It gives me immense pleasure to pen a few words as prologue to the in-house News Letter of the EEE department. This issue is designed to present the events that have occurred as well as technical write-ups which makes the issue resourceful and informative. I congratulate all the contributors and also the editorial board for bringing out such a nice issue.

Happy Reading !!!!

Department Vision

To prepare the learners globally competent, dynamic and multi talented young leaders with skill & knowledge in electrical and electronics engineering field with a focus on higher education, research and technical consultancy competence by imbibing social and ethical concern.

Department Mission

1. To prepare the learners professionally adept and adept in the field of electrical and electronics Engineering with core values and an excellent infrastructure with qualified and experienced faculty.
2. To inculcate skill, knowledge and behavior to cater the dynamic requirements in the field of electrical and electronics engineering.
3. To motivate and prepare the learners for career guidance, placements and higher education with a focus on MoUs with premier institutes and industries.

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I. DEPARTMENT ACHIEVEMENTS**▪ ACADEMIC ACHIEVEMENTS [AY: 2017-18]**

S.No.	Roll Number	Name of the Student	Percentage
IV B.Tech II Semester Toppers			
1	149E1A0228	Gopi Sowmya	92.00
2	149E1A0219	Dega Anjana Sree	90.00
3	149E1A0208	Boddu Kalyani	89.82
4	149E1A0229	Jeripothula Manisha	89.27
5	159E5A0202	Aluru Vasavi	88.00
III B.Tech II Semester Toppers			
1	159E1A0202	A Sushmitha	88.06
2	159E1A0299	Yaddula Venkata Swarnalatha	86.24
3	159E1A0242	Kanaparthi Vineetha	85.91
4	159E1A0229	Gaddam Swarnalatha	85.59
5	159E1A0205	Allam Gnana Prasanna	84.95
II B.Tech II Semester Toppers			
1	169E1A0273	Nareddula Sai Lakshmi	86.00
2	169E1A0294	Sannapa Ramya Geethika	83.33
3	169E1A0288	Rajala Lakshmi Sri	82.78
4	169E1A0283	Peramsetty Mounika	82.33
5	169E1A0260	Madhavaram Vani	81.44
I B.Tech II Semester Toppers			
1	179E1A0202	Aragonda Bindevi	88.38
2	179E1A0233	Kanneppagari Supriya	86.63
3	179E1A0248	Madhara Jashnavi	85.25
4	179E1A0270	Nesanuru Pooja	84.13
5	179E1A0290	Singamreddy Surekha	83.50

▪ NPTEL COURSES

Name of the Candidate	Name of the Course	Award
Faculty Achievements		
Mr. K Veera Ravisankar	Power System Analysis	Top 5% of NPTEL Certified
Mr. Gowtham Chendra	Fundamental of Electrical Engineering	Top 5% of NPTEL Certified
Mr. CH. Lenin Babu	Introduction to Smart Grid	NPTEL ELITE Certified
Mr. G Hanumantha Reddy	Fundamental of Electrical Engineering	NPTEL ELITE Certified
Mr. G Dilli Babu	Fundamental of Electrical Engineering	NPTEL ELITE Certified
Mrs. M Jyothsna Devi	Fundamental of Electrical Engineering	NPTEL Certified
Mr. J T Ramalingeswar	Fundamental of Electrical Engineering	NPTEL ELITE Certified
Mrs. K Prathibha	Fundamental of Electrical Engineering	NPTEL ELITE Certified
Mr. S Naresh	Fundamental of Electrical Engineering	NPTEL Certified
Student Achievements		
Y V Swarna Latha IV EEE	Power System Analysis	Top 5% of NPTEL Certified

▪ **PLACEMENTS**

S.No.	Name of the Student	Name of the Company
1	Badugu Bala Durgesware	Capgemini
2	Kanaparthi Vineetha	Capgemini
3	Moddigapalam Meena	Capgemini
4	Poola Koushika	Capgemini
5	Prayaga Anjani Mrudula	Capgemini
6	Uppalugu Guru Mamatha	Capgemini
7	Yadiki Sushma	Capgemini
8	Yaddula Venkata Swarnalatha	Capgemini
9	Yerrabolu Bhanupriya	Capgemini
10	Yerrabothu Neekarika	Capgemini
11	Potugari Deepika	Capgemini
12	Gajulapalli Pranavi	TCS
13	B Roopa	Go Speedy Go

II. CO-CURRICULAR ACTIVITIES

▪ **WORKSHOPS**

- P Hari Priya, P Sweeya Raj, S Isha, M Yoga Likhitha have participated in workshop on “Android Apps” conducted by SKYFI-LABS in a national level techno-cultural fest “Mohana Mantra” organized by Sree Vidyanikethan Engineering College, Rangampeta, Tirupati during 30.09.2018 to 02.10.2018.
- A Bhargavi, Bhagya Sri have participated in “International Workshop on Internet of Things-IWIOT’18” organized by Trainotech in association with Lans Informatics Pvt Ltd and Thick India on 28-07-2018 at IIT Madras Research Park, Chennai on 28-07-2018.
- G Poojitha has participated in workshop on “Brain Control Robot” in a national level techno-cultural fest “Mohana Mantra” organized by Sree Vidyanikethan Engineering College, Rangampeta, Tirupati during 25.09.2018 to 27.09.2018.
- Thotapalli Pravallika has participated in workshop “Solar Automation and Solar Mobile Charger” in a national level techno-cultural fest “Mohana Mantra” organized by Sree Vidyanikethan Engineering College, Rangampeta, Tirupati during 25.09.2018 to 27.09.2018.
- S Subhan Bee, A Divya, N Nandini have participated in workshop “Solar and Smart Energy” conducted by SKYFI-LAB in a national level techno-cultural fest “Mohana Mantra” organized by Sree Vidyanikethan Engineering College, Rangampeta, Tirupati during 30.09.2018 to 02.10.2018.
- B Janithya has participated in workshop on “IOT” conducted by SKY-FI LABS in a national LEVEL techno-cultural fest “MOHANA MANTRA” organized by Sree Vidyanikethan Engineering College, Rangampeta, Tirupati during 30.09.2018 to 02.10.2018.

- P. Chandana, B. Janithya, D. Navya, B. Harshitha, T. Sreelatha, A. Bindevi, G. Tejitha, M. Yoga Likhitha, C. Mounika, P. Pavani Sri, G. Vinutha, K.N.S. Gayathri have participated in workshop & ACE grand scholarship test organized by ACE Engineering Academy, Tirupati during 2nd October 2018.

■ PAPER PRESENTATIONS

- B Lavanya, A G Padmaja have presented a paper on “DATA STORAGE ON FINGER NAILS” in a national level techno-cultural fest “*Mohana Mantra*” organized by Sree Vidyanikethan Engineering College, Rangampeta, Tirupati during 30.09.2018 to 02.10.2018 and won ***Third Prize***.
- N Navya Sree presented a paper on “Global Protection Scheme” organized by Sree Vidyanikethan Engineering College, Rangampeta, Tirupati during 30.09.2018 to 02.10.2018.
- N Vandana, Killa Eswari presented a paper on “Electric Cars” organized by Sree Vidyanikethan Engineering College, Rangampeta, Tirupati during 30.09.2018 to 02.10.2018.

■ FACULTY PUBLICATIONS

- Dr. Shaik Rafi Kiran, “Control and Operation of A Dc Grid-Based Wind Power Generation System in A Microgrid”, JASC (UGC-41328), August 2018.
- Dr. Shaik Rafi Kiran, J T Ramalingeswar, ” A Novel Grid-Connected PV System Based on MMC to get the Maximum PowerUnder Partial Shading Conditions”, IJR (UGC-64650), July 2018.
- Dr. Shaik Rafi Kiran, V Gnanatheja Rakesh, “Modified P-Q Theory Based Control of Solar PV Integrated UPQC-S”, IJR (UGC- 63072/ SCOPUS SUGGESTED JOURNAL ID: 10J6CF07B 9446F97), July 2018.
- G Dilli Babu, “A fuzzy based single stage single-phase reconfigurable inverter topology for solar powered AC-DC home”, IJPRES, Vol: 10, Issue: 02, PP: 34-40, Oct -2018.

III. EVENTS ORGANIZED

- SEMINARS



**Seminar on
“Renewable Energy Sources”
by Dr. K. Srinivas Reddy, Professor, IITM, Chennai on 1st September 2018.**

Event Organizer: **Mr. J T Ramalingeswar, Assistant Professor, Dept. of EEE.**



A Technical Seminar on
“Industry Expectations & Job Opportunities in Electrical Sector”
by Sri. Babu Radha Krishnan, Director – Business Development, Johnson Electric
Private Limited, Chennai, on 4th August, 2018.

Event Organizer: **Mr. S Naresh, Assistant Professor, Dept. of EEE.**

- INAUGURAL OF ISTE STUDENT CHAPTER AP – 185



ISTE Student Chapter AP – 185 was inaugurated on July 26th, 2018
by Dr. Ushaa Eswaran, CEO –SEEK, Chennai.

Event Organizer: Mr. G Dilli Babu, Assistant Professor, Dept. of EEE.

▪ GUEST LECTURE

**A Guest Lecture on
“Women Life Skills”
by
Dr. Ushaa Eswaran,
CEO- SEEK, Chennai
on July 26th, 2018.**



**Event Organizers:
Mrs. M Jyothsna Devi,
Assistant Professor, Dept. of EEE.**

**Mrs. T N Hari Priya,
Assistant Professor, Dept. of EEE.**

- DEPARTMENTAL TECHNICAL ASSOCIATION INAUGURATION [ELITE]



ELITE – 2K18, EEE Department Technical Association Inaugural Function
Inauguration on 01st September, 2018.

Chief Guest: Dr. K. Srinivas Reddy, Professor, IITM, Chennai

Event Organizer: Mr. CH Lenin Babu, Assistant Professor, Dept. of EEE.

■ NEWS LETTER INAUGURATION



Department of EEE News Letter inauguration on 01st September, 2018.
Chief Guest: Dr. K. Srinivas Reddy, Professor, IITM, Chennai

Event Organizers: Mr. Gowtham Chendra, Assistant Professor, Dept. of EEE.
Mr. M V Bramhananda Reddy, Assistant Professor, Dept. of EEE.

- INDUSTRIAL VISITS



**An industrial visit for II EEE Students to
“Tirumala Wind Power Generating Station” on 11th August, 2018.**

**Industrial Visit Organizers: Mrs. N. Pushpa, Mrs. K Prathibha, Mr. G. Dilli Babu and
Mr. JT Ramalingeswar**



**An industrial visit for III EEE Students to
“Rayalaseema Thermal Power Plant (RTPP)” on 18th August, 2018**

**Industrial Visit Organizers: Mrs. M Jyothsna Devi, Mrs. K Prathibha, Mr. VGT Rakesh
and Mr. N Tirupataiah**

IV. ENGINEERS DAY CELEBRATIONS



▪ ESSAY WRITING



S.No.	Roll Number	Name of the Student	Year	Prize
1	179E1A0234	K H Archna	II	I
2	179E1A0257	T M Lakshmi Prasanna	II	II

▪ PAPER PRESENTATION



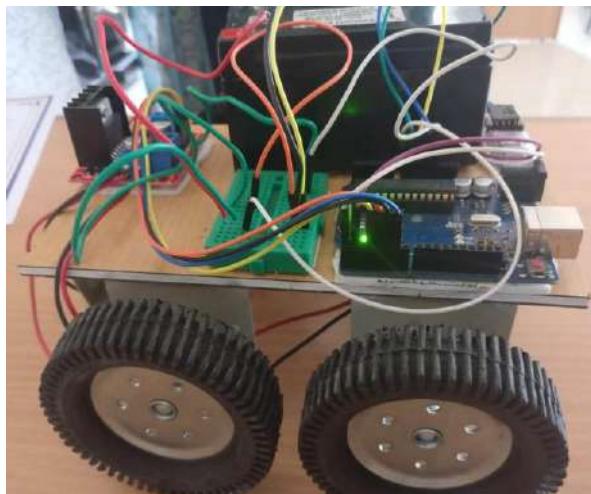
S.No	Roll Number	Name of the Student	Year- Section	Topic Name	Prize
1	169E1A0294	S Ramya Geethika	III-B	Pulse Charger	I
2	169E1A0262	M Chaithanya			
3	179E1A0299	Y Jyothi	II-B	Electric Car	II

▪ POSTER PRESENTATION



S.No.	Roll Number	Name of the Student	Year	Topic Name	Prize
1	179E1A0218	D Neeharika	II	Ocean Plastic Pollution	I
	179E1A0248	M Jashnavi	II		
2	169E1A0274	N Navyasree	III	Global Warming	II
	169E1A0267	M Vineesha	III		

- **MODULE EXHIBITION**



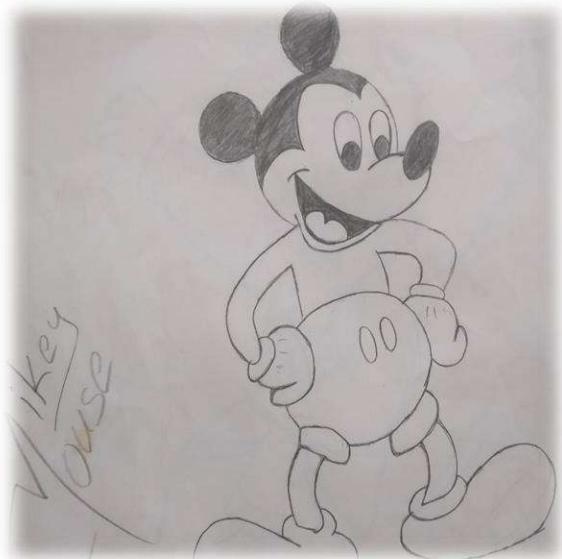
S.No.	Name of the Student	Roll Number	Year	Prize
1	K Nirmala	179E1A0239	II	I
	M Jashnavi	179E1A0248	II	
2	G Lohitha	169E1A0231	III	II
	D Gayathri	169E1A0221	III	

- **TECHNICAL QUIZ**



S.No	Year	Name of the Student	Roll Number	Prize
1	III	M.Neelima	169E1A0263	I
2	III	S.Sravanthi	179E5A0212	
3	II	C.Kundana	179E1A0242	
4	II	D.Navya	179E1A0216	
1	III	K.Sridivya	169E1A0251	II
2	III	M.Sairoopa	169E1A0264	
3	II	K.Bindhu	179E1A0237	
4	II	C.Jyothi	179E1A0211	

■ ART / PAINTING



▪ **CERTIFICATE DISTRIBUTION**



Engineers Day Celebrations Faculty Organizing Committee

S.No.	Event	Staff In-charge
1	Program Convener	Dr. Shaik Rafi Kiran
2	Program Coordinator	Mrs. M Jyothsna Devi
3	Paper Presentation	Mr. CH Lenin Babu
4	Poster Presentation	Mrs. T N Hari Priya
5	Module Exhibition	Mr. K Veera Ravisankar
6	Essay Writing	Mr. VGT Rakesh
7	Art/Paint	Mrs. K Prathibha
8	Technical Quiz	Mr. G Dilli Babu

V. COLLEGE LEVEL EVENTS

- AI -THON



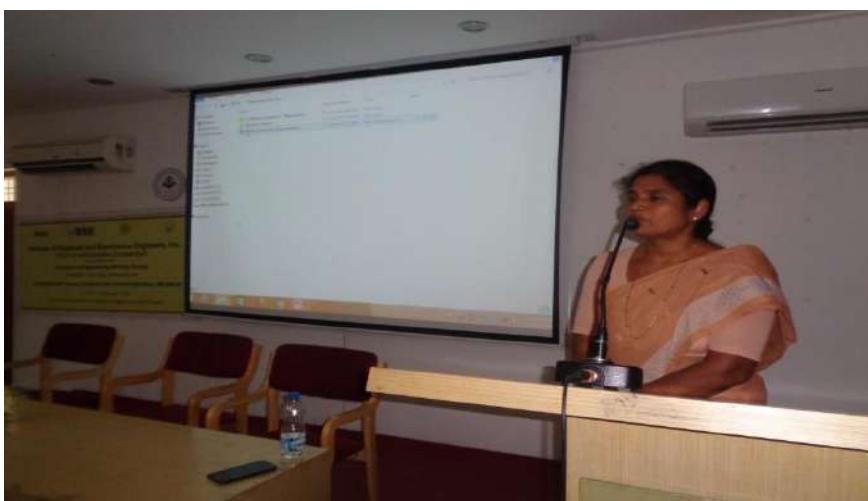
AI-THON (Artificial Intelligence Technical Event) was registered in ***India Book of Records*** and ***Asia Book of Records*** on 27.09.2018

- LEADERSHIP CHALLENGES FOR PROFESSIONAL WOMEN



Lamping by

Prof. D.M. Mamatha,
Registrar
Sri Padmavathi Mahila
University, Tirupati.



A talk on
“Special women and
challenges”

by
Dr. S. A. Thasleem, Director
of Abhaya Kshetram



A talk on
**“Women and power,
overcoming barriers to
leadership and influences”**

by
Sri. Minichabtra,
BHEL Trainer



A talk on
**“So, you want to change the
world? Great! Get ready
NOW”**

by
Sri. Sudarshan Chakrapani
Vice President,
Head of the Brand and
Customer Experience
management.



**Certificate Distribution to
Participants**

A program on
“Leadership Challenges for Professional Women”
on 16th – 17th November, 2018

VI. ALUMNI [2014-18 BATCH]



2014-18 Batch Students Section – A



2014-18 Batch Students Section – B

Chase your dreams. Burst out at the seams. Never stop trying. Never stop learning. Live life to the fullest and give it nothing but your best. You can achieve whatever you want in life. All you have to do is believe that you can.

We **believe** in you.

– Department of EEE

NEWS LETTER COMMITTEES**Advisory committee**

Students	Staff
Gunni Yamini	Dr. Shaik Rafi Kiran
Y. Bindu Madhavi	Mr. S.B. Mohan
Anugu Ramya	Mr. J T Ramalingeswar
M Sukanya	

Planning Committee

Students	Staff
M.V. Sai Jyothirmayee	Mr. CH Lenin Babu
Shaik Reshma Sony	Mr. VGT Rakesh
Kodamala Aruna	Mrs. T N Hari Priya
Thota Gayathri	Mr. G Hanumantha Reddy

Budget Committee

Students	Staff
Ayya Indupriya	Mr. G Dilli Babu
M Surya Sri	Mr. N Tirupataiah
	Mrs. N Pushpa
	Mrs. M Jyothsna Devi

Editorial board

Students	Staff
Kodamala Aruna	Mr. Gowtham Chendra
Y Venkata Swarnalatha	Mr. M V Bramhanada Reddy