





Newsletter

Faculty Achievements/Publications:

S.No	Name of the Faculty	Conference/Journal	Name of the Conference/Paper	ISSN	Date	Image
1	Y.C.Ashok Kumar	DBT Sponsored National Seminar on Emerging Trends in Environment & Sustainable Development	Improving the efficiency of solar photovoltaic system by using advanced MPPT techniques		2 nd – 3 rd September 2016	
2			Analysis of integrated segmented energy storage for grid connected photovoltaic systems		2 nd – 3 rd September 2016	
3		FDP Programme	Power System Design & Analysis		13-15th June 2016	
3	N.Swathi	DBT Sponsored National Seminar on Emerging Trends in Environment & Sustainable Development	Improving the efficiency of solar photovoltaic system by using advanced MPPT techniques		2 nd – 3 rd September 2016	
4	L.Karunakar	DBT Sponsored National Seminar on Emerging Trends in Environment & Sustainable Development	Analysis of integrated segmented energy storage for grid connected photovoltaic systems		2 nd – 3 rd September 2016	
5	K.Rajesh Babu	DBT Sponsored National Seminar on Emerging Trends in Environment & Sustainable Development	Implementation of hybrid wind solar energy system for power generation		2 nd – 3 rd September 2016	
6			Emerging Trends in Ocean Thermal Energy Conversion Technologies & Present Scenario in India		2 nd – 3 rd September 2016	
7		European Journal of Advances in Engineering & Technology	A Voltage Controlled PMBLDCM Drive Adjustable Speed using a Single-Stage PFC Half-Bridge Converter	Volume - 3, Issue 4, ISSN 2394-658X	June-2016	
		40th NATIONAL SYSTEMS CONFERENCE – 2016, NIT Warangal	Power Management Strategy In Grid Connected SPV System For Remote Areas		OCT-2016	

8	T.Krishna Mohan	DBT Sponsored National Seminar on Emerging Trends in Environment & Sustainable Development	Implementation of hybrid wind solar energy system for power generation		2 nd – 3 rd September 2016	
9			Emerging Trends in Ocean Thermal Energy Conversion Technologies & Present Scenario in India			
10		workshop	NPTEL online courses organized by IIT-Chennai	July 2 nd & 3 rd .2016		
11		40th NATIONAL SYSTEMS CONFERENCE – 2016,NIT Warangal	Power Management Strategy for SMC based grid connected hybrid fuel cell system	OCT-2016		
12		FDP Programme	Power System Design & Analysis	13-15th June 2016		
13	Dr.G.Naveen Kumar	FDP Programme	Power System Design & Analysis		13-15th June 2016	
14	K.Sowmya	FDP Programme	Power System Design & Analysis		13-15th June 2016	
15	V.Anantha Lakshmi	FDP Programme	Power System Design & Analysis		13-15th June 2016	

New Faculty Induction:

Dr.G.Naveen Kumar has been included as an Associate Professor in the Dept of EEE in the month of August-2016.



Department Activities:

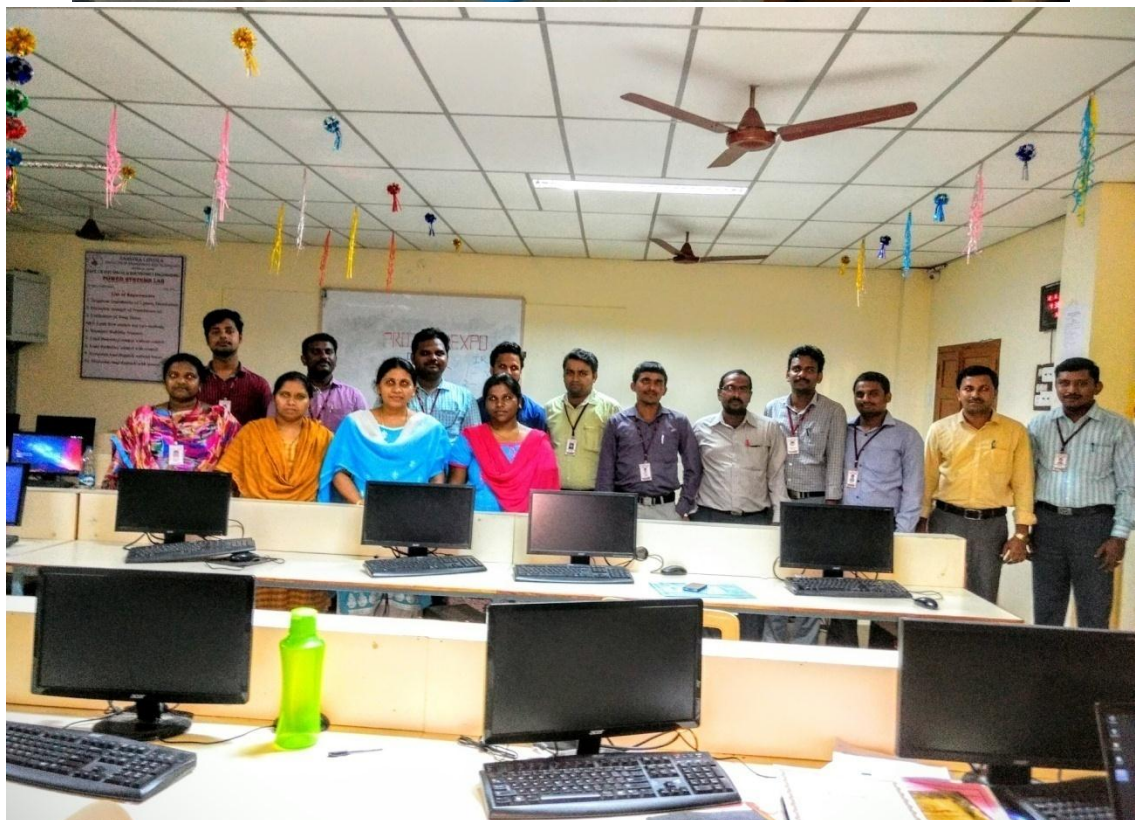
- The Department of Electrical and Electronics Engineering inaugurated the Association activities of ELECTROZ.A bi- Monthly Newsletter of EEE department has been Initiated in the month of August-2016
- A National Level Workshop was organized on **ELECTRICAL COMPUTER AIDED DESIGN** for the students of III & IV B.Tech students on 22nd & 23rd July 2016.The workshop was organized by the faculty of Department of EEE and was presided by the engineers from Tech Trunk ventures Pvt Ltd, Hyderabad.
- An MOU has been signed between Techtrunk Ventures Pvt ltd and DEPT OF EEE, ALIET on 23rd JULY 2016





- Some of the students of Dept of EEE have been participated actively in **the BLOOD DONATION CAMP** Organized by the **Govt.General Hospital, Vijayawada** on **23rd July 2016**.

- “Faculty Development program on **Applications of LabVIEW & Multisim in Electrical Engineering**. on 8th, 9th & 10th June 2016 has been organized by the department





- A Guest Lecture on Facts controllers in Power System for the IV-EEE students was conducted on 4th August 2016 in association with Tech Trunk Ventures Pvt.Ltd.



- IV-EEE students Industrial Visit to SPDCEL-MRT (Maintenance & Repairing of Transformers) Gunadala-Vijayawada. On 14th September 2016



- III-EEE students Industrial Visit to Electric Loco shed Vijayawada. On 16th September 2016



- IV-EEE students Visited Solar Power Generating unit @ ALIET. On 20th September 2016

- II-EEE students Visited Polytechnic 33/11 KV Sub-Station, Vijayawada on 6th October 2016



The following Faculty Members were ratified (as an Assistant Professor(s)) by the University in the month of October:

- 1.Y.C.Ashok Kumar
- 2.N.Swathi
- 3.G.G.Swamy
- 4.V.Brahmeswara Rao
- 5.K.Rajesh Babu
- 6.T.Krishna Mohan
- 7.A.Shekhar Sunil
- 8.Dr.G.Naveen Kumar

Professional Memberships acquired by the faculty



- 1.Y.C.Ashok Kumar – ISRD(International Society for Research & Development)
- 2.V.Anantha Lakshmi- ISRD(International Society for Research & Development)
- 3.Dr.G.Naveen Kumar- IAENG(International Association of Engineers),
- 4.V.Brahmeswara Rao-IEEE
- 5.T.Krishna Mohan- ISRD(International Society for Research & Development),
IAENG(International Association of Engineers),
IAETSD-(International Association of Engineering & Technology for Skill Development)
- 6.K.Rajesh Babu-ISTE (Indian Society for Technical Education), -
ISRD(International Society for Research & Development
- 7.A.Shekhar Sunil- ISRD(International Society for Research & Development

Newsletter for the Academic Year 2016-2017(Even Semester)

Faculty Attended WORKSHOPS/FDP:

- K.Sowmya attended an FDP on “MALAB AND LATEX” at ANDHRA UNIVERSITY from 5th December 2016 to 9th December 2016.
- T.Krishna Mohan attended an FDP on “REAL TIME APPLICATIONS USING LAB VIEW” at M.V.G.R COLLEGE,VIZIANAGARAM from 28th November 2016 to 3rd December 2016.
- V.Brahmeswara Rao attended a workshop on” DESIGNING SOLAR ENERGY PV SYSTEMS” at RAJIV GANDHI MEMORIAL COLLEGE OF ENGINEERING NADHYAL from 14th February 2017 to 15th February 2017.
- Y.C.Ashok Kumar attended a workshop on “APPLICATIONS OF LATEX IN ENGINEERING” at NTU COLLEGE OF ENGINEERING,PULIVENDULA from 14th March 2017 to 17th March 2017
- Y.C.Ashok Kumar attended a workshop on “OPPURTUNITIES IN IT INDUSTRY(BRIDGE-2017)” at ICT ACADEMY CHENNAI on 1ST MARCH 2017

Faculty publications:

S.NO	NAME	TITLE OF THE PAPER	Photo	THE JOURNAL &VOLUME WITH PAGE NO
1	Y.C.ASHOK KUMAR	Arduinio Based Sophisticated Home Automation System For Electrical Appliances Using Bluetooth		IJMTST Special Edition Volume-3 March-2017
2	Y.C.ASHOK KUMAR	Controlling Of Squirrel Cage Induction Motor By Using Three Phase Cycloconverter With Igbs		
3	Dr.G.NAVEEN KUMAR	Voltage Stability Analysis Using Voltage Dependent Load Model		
4	Dr.G.NAVEEN KUMAR	Testing Polynomial Load For Voltage Stability		

5	V.ANATHA LAKSHMI	Comparison Of Dynamic Performance Of Ann And Pid Controllers For An Interconnected Hydro-Thermal System	
6	V.BRAHMESWARA RAO	Arduino Based Two Axis Solar Tracking By Using Servo Mechanism	
7	V.BRAHMESWARA RAO	Controlling Of Motors Using Arduino	
8	L.KARUNAKAR	Power Factor Correction Using Step – Up Chopper Fed To A Dc Motor Drive	
9	L.KARUNAKAR	Enhancement Of Power Quality Using Electronic Load Controller From An Isolated Power Generation.	
10	T.KRISHNA MOHAN	Implementation And Simulation Comparisons Of Induction Generator Wind Power Systems	
11	T.KRISHNA MOHAN	A Zero Current Switching Ac-Ac Resonant Converter	
12	G.GANTAIHAH SWAMY	Simulation Of Bridgeless Sepic Converter With Power Factor Correction Fed Dc Motor	
13	K.RAJESH BABU	Solar Powered Induction Motor For Ev's With Flexible Energy Control Functions	
14	K.RAJESH BABU	Demonstrating And Simulation Utility Interface Pv And Hydro Cross Breed Electric Frame Work	
15	A.CH.S.S.SUNIL	A Cascaded H-Bridge Multilevel Inverter Using Switched Parallel Dc Voltage Sources	
16	A.CH.S.S.SUNIL	A Control Method For Upqc Based On Srf Theory Under Unbalanced And Distorted Load Conditions	
17	K.SOWMYA	Harmonic Reduction And Power Quality Improvement In Distributed Generation System Using Hybrid Active Power Filters	
18	V.VAISHNAVI	Harmonics Mitigation And Power Quality Improvement Using	

		Dstatcom In Distributed Sysyem Under Various Load Conditions For Grid Connected Wind Energy		
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Faculty Participation & Presentations in National/International Conferences

S.No	Name of the Faculty	Title of The paper	Conference
1	K.RAJESH BABU/G.GANTAI AH SWAMY	A MULTI BOOST AND FULL BRIDGE CONVERTERS FOR POWER MANAGEMENT FOR HYBRID VEHICLE BY BATTERY AND SUPER CAPACITORS	RECENT ADVANCES IN CONTOL OF ENERGY SYSTEMS Sri Shivani College of Engineering
2	Y C ASHOK KUMAR	COMPARISION OF MPPT TECHNIQUES FOR pv SYSTEM BASED SEPIC COVERTER	
3	L.KARUNAKAR/BRAHMESWARAV V	CLOSED LOOP CONTROL OF DC-DC CONVERTER WITH HYBRID INPUT SOURCES	
4	V.ANANTHA LAKSHMI/K.SOUMYA	POWER CONTROLLING FOR MICRO GRID USING RENEWABLE ENERGY SOURCES	
5	T.KRISHNAMOHAN/ A.SEKHAR SUNIL	ENHANCEMENT OF POWER QUALITY IN GRID CONNECTED ISOLATED POWER SYSTEMS	
6	T.KRISHNAMOHAN	SVPWM BASED DTC CONTROLLER FOR BRUSHLESS DC MOTOR	ICCIDM-2016 (SPRINGER AISC SERIES)
7	T.KRISHNA MOHAN	COMPARISION OF MPPT TECHNIQUES FOR PV SYSTEMS	INTERNATIONAL CONFERENCE ON GREEN ENGINEERING & TECHNOLOGY

Professional Memberships acquired by the faculty

S.No	Name of the Faculty	Professional Membership
1	Dr.G.Naveen Kumar	IAENG
2	Y.C.Ashok Kumar	ISR D,IAENG
3	v.Anantha Lakshmi	ISR D,IAENG
4	V.Brahmeswara Rao	IEEE
5	T.Krishna Mohan	IAETSD,ISR D,IAENG
6	K.Rajesh Babu	ISTE,ISR D,IAENG
7	A.Sai Sunil	ISR D,IAENG

Other Achievements

S.No	Name of the Faculty	Achievements
1	Y.C.Ashok Kumar	Judge for Tech fest at Potti sriramulu college of Engineering

2	K.Rajesh Babu	Editorial Board Member for International Research Journal of INDIA(IRJI) Reviewer for International Science Journal P.G(U.S.A)
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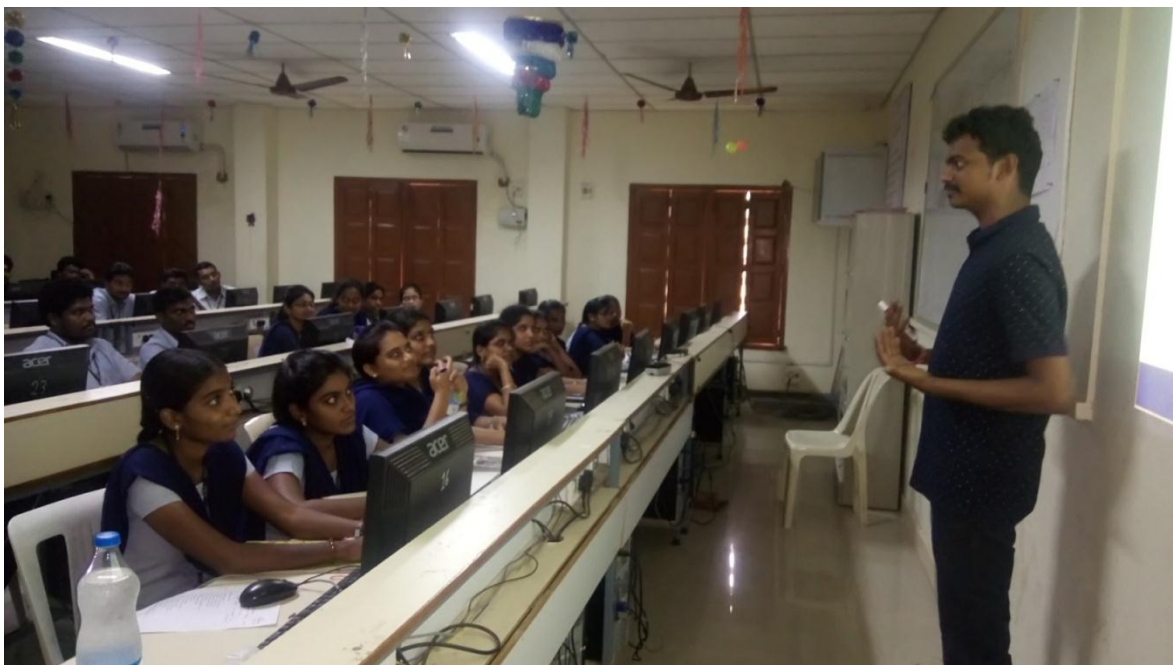
- 1.Y.C.Ashok Kumar
- 2.N.Swathi
- 3.G.G.Swamy
- 4.V.Brahmeswara Rao
- 5.K.Rajesh Babu
- 6.T.Krishna Mohan
- 7.A.Sekhar Sunil
- 8.Dr.G.Naveen Kumar

Department Activities:

- A Workshop on Applications of LabVIEW in Engineering in association with APITA(Andhra Pradesh Information Technology Association) was organized during 23rd,24th & 25th November 2016 for III & IV EEE students to Enrich the Students Technical Abilities.



- A Guest Lecture on Switch Gear Maintenance by Mr. S B S Abhinav EASY TRACK (TAMAKUWALA GROUP COMPANY) (ALUMINI 2008-12 Batch) on 13th December 2016, Students acquired knowledge of working & Trouble shooting of Switch gear Equipment.



- A guest lecture on Necessity of Enhancing the Energy in present scenario by Er.M.Durga Prasad (Retd Chief Engineer APSPDCL) was delivered on 10th December 2016.The main motto of this lecture is to create awareness on Conserving the energy & Utilizing the non conventional Sources.



- III-EEE Students Visited NTTF Gannavaram & Soltech Pvt ltd on 9th January 2017,to acquire knowledge of industrial oriented training & manufacturing & trouble shooting of Solar PV Panels.



- 2nd National conference on Emerging Trends in electrical technology was organized by the department on 24th march 2017,projects carried out by the

final year EEE students, and PG & UG students from various institutions were presented in the presence of reputed chair persons.



- IV-EEE students visited Eurth LED pvt.Ltd Agiripalli, on 14th march 2017 to acquire knowledge of various illumination methods and modern manufacturing techniques. This gave them a clear idea about innovative thinking & advantages of being an entrepreneur.



- II-EEE students Visited Electric Loco Shed Vijayawada, on 10th March 2017 to gain practical knowledge of the equipment that are used in electric locomotives & live operation of traction motors.



- Project Expo by the IV-EEE students was organized on 21st March 2017 to exhibit their work done towards their academic projects. Students of II & III EEE visited the expo and got inspired



Students Achievements:

S.No	Name of the Student	Year & Regd.No	Event	Hosted by	Participation/Won
1	R.Navya Pragna	15HP1A0209	PAPER PRESENTATION	SRKR bhimavaram	Participation
2	Y.SAI BHARGAV	15HP1A0235			
3	G.Prem Kumar	14HP5A0204	CRICKET	EENADU & SAKSHI	MAN OF THE MATCH, represented ALIET for C zone & Central Zone
4	M.SANJAY	13HP1A0243	PAPER PRESENTATION	VIKAS COLLEGE OF ENGINEERING	2 ND Prize

Students Placements

S.No	Name of the Student	Year & Regd.No	Company	Designation
1	K.Tejaswi	13HP1A0219	KJ systems Pvt.Ltd	Web Developer
2	M.Aravind Kumar	13HP1A0227		Implementer
3	K.Deepak	13HP1A0229		
4	M.Jashwanth Bhargav	13HP1A0234		
5	S.Priyanka	13HP1A0213	VEE Technologies	Associate
6	K.Swathi	14HP5A0202		
7	Md.Nadeem	13HP1A0237	Axis Global Automation	Technical Trainee
8	N.Mounika	13HP1A0207		
9	Y.Anne Janet	13HP1A0201	Sri Vari Technologies Pvt.Ltd	Project Associate
10	K.Mounika	13HP1A0209		
11	R.Mounika	13HP1A0208		
12	Ch.Naga Naveena	13HP1A0211		
13	K.Ramya Krishna	13HP1A0214		
14	P.Srilekha	13HP1A0218		
15	K.Tejaswi	13HP1A0219		
16	M.L.N.Jyothi	13HP1A0203	Kochar India Pvt.Ltd	Customer Care executive
17	P.Naga Lakshmi	13HP1A0210		
18	A.Vijaya Lakshmi	13HP1A0221		
19	K.Tejaswi	13HP1A0219	Neos Chip Pvt.Ltd	Designer

20	A.Vijaya Lakshmi	13HP1A0221	New Tech & Sodecia	Graduate Engineer Trainee
21	A.Vijaya Lakshmi	13HP1A0221	Anusha techno india Pvt.Ltd	Web Designer
22	A.Vijaya Lakshmi	13HP1A0221	Country Club	Business Development Executive
23	M.Sanjay	13HP1A0243	Eurth LED Pvt.Ltd	Desginer

Courtesy

K.Rajesh Babu,Assistant professor EEE