



ELECTROZ

Create, Enhance and Sustain

DEPARTMENT NEWSLETTER (2018-2019)

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

ANDHRA LOYOLA INSTITUTE OF ENGINEERING & TECHNOLOGY

VIJAYAWADA



Message from Head of Department

Greetings from the Department of EEE, ALIET! It gives me immense pride and pleasure to lead the Department of EEE of this esteemed institution. The field of Electrical and Electronic Engineering encompasses many technologies such as power systems, electrical machines, control systems, electromagnetic theory, and computer methods employed in all these areas, which have been among the fastest growing and most challenging technologies that enable the development of the modern world.

ELECTROZ aims to inform the readers about the research activities, new initiatives, and achievements of faculty & students of the department. The students of the department get opportunities to excel in their academic area. As the future of the technocrats holds many challenges, the department strives to transform the students into intellectuals by going beyond academics.

We welcome you to connect with us with your expertise and encourage us to excel in our endeavour. I hope you will join us in celebrating our journey towards excellence.

Y. C. Ashok Kumar
(HoD of EEE)



Vision and Mission

Vision of the Institution:

In accordance with the Jesuit vision of higher education, ALIET imparts technical education in the realm of higher education with integral formation which involves academic excellence, spiritual growth, social commitment and value based leadership.

Mission of the Institution:

The mission of Jesuit education at ALIET is to form “men and women for others” and mould them as global citizens with competence, conscience and compassionate commitment. Special concern is shown towards socially and economically marginalized students.

Vision of the Department:

To mould the students as efficient Electrical & Electronics Engineers by providing quality education with skills and character to serve the society.

Mission of the Department:

M1-To provide high quality teaching and service that renders the students a supportive environment.

M2-To impart holistic education and prepare the students to solve the problems by apply engineering principles to electrical systems.

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ABOUT THE DEPARTMENT:

The Department of EEE has been offering a full time four year B.Tech Degree course since the inception of the institution. The department is provided with all required infrastructural facilities like well-equipped laboratories, well qualified & dedicated faculty and technically sound supporting staff. It is continuously striving to impart quality education and competitive spirit among students for academic excellence. Our students have been publishing research papers in various national & international technical symposiums. The Department offers placements in various MNCs and Core companies.

Program Educational Objectives:

Program educational objectives are broad statements that describe the career and professional accomplishments that the **program** is preparing graduates to achieve.

Program Educational Objective - I

Graduates shall have a solid foundation in Mathematics, Science, Electrical, Electronics and allied engineering applications, capable of analyzing, design and development of systems for Energy Generation, Transmission, Distribution, Operation and Control.

Program Educational Objective - II

To develop engineers with broad perspective and orientation to work for the electrical equipment manufacturing industries in the fields of electrical machines, drives and controls.

Program Educational Objective - III

To train the students with strong background in electrical engineering sciences for research and higher education & to increase the capabilities of students to face competitive exams.

Program Educational Objective - IV

To develop engineers with broad perspective and orientation to work in the area of Non-conventional energy resources with social and environmental concern.

Program Specific Objectives:

PSO1: To understand growing and increasing demands of electrical related technology and design appropriate cost effective solutions through hardware and simulation.

PSO2: To cater to new challenges in generation and utilization of renewable energy systems for a green tomorrow.



**Academic Year 2018-2019
(ODD SEMESTER)**

Regular class work commenced from 11th June 2018 to all the II, III and IV B.Tech students with lot of enthusiasm. Special care has been taken in this academic year by the faculty for obtaining maximum results and for contributing for the all-round development of the students.

Teaching Faculty Members:

- **Mr. Y. C. Ashok Kumar**, Associate Professor, **HOD**
- Dr. G. Naveen Kumar, Professor
- Mrs. V. Anantha Lakshmi, Assistant Professor
- Mr. G. Gantaiah Swamy, Assistant Professor
- Mr. L. Karunakar, Assistant Professor
- Mr. T. Krishna Mohan, Assistant Professor
- Mr. K. Rajesh Babu, Assistant Professor
- Mr. M. Rama Krishna, Assistant Professor
- Mr. M. M. Karunakar, Assistant Professor
- Mrs. P. Swathi, Assistant Professor

Non-Teaching Faculty:

- Mr. S. Shekar Babu
- Mr. S. Siva
- Mr. K. Venu Babu

Students Details:

Year & Branch	Student Strength
IV-EEE	53
III-EEE	69
II-EEE	63

ACADEMIC TOPPERS

I B. Tech II Semester Regular Examinations, April – 2018

1. **Ms. K. PRIYANKA** with Hall ticket number 17HP1A0214 secured first rank.



2. **Ms.R. PRASANNA** with Hall ticket number 17HP1A0215 secured Second rank.



3. **Ms.M. KIRANMAI** with Hall ticket number 17HP1A0207 secured third rank.



II B. Tech II Semester Regular Examinations, April – 2018

1. **Ms. P SUKANYA** with Hall ticket number 17HP5A0204 secured first rank.



2. **Ms. B. NAGA VENKATA DURGA DAKSHAYANI** with Hall ticket number 16HP1A0217 secured second rank.



3. **Master R SAI SHENKAR RAO** with Hall ticket number 17HP5A0212 secured third rank.



III B. Tech II Semester Regular Examinations, April – 2018

1. **Ms. D. KALPANA** with Hall ticket number 16HP5A0201 secured first rank.



2. **Ms. N. TEJASWI** with Hall ticket number 15HP1A0216 secured second rank.

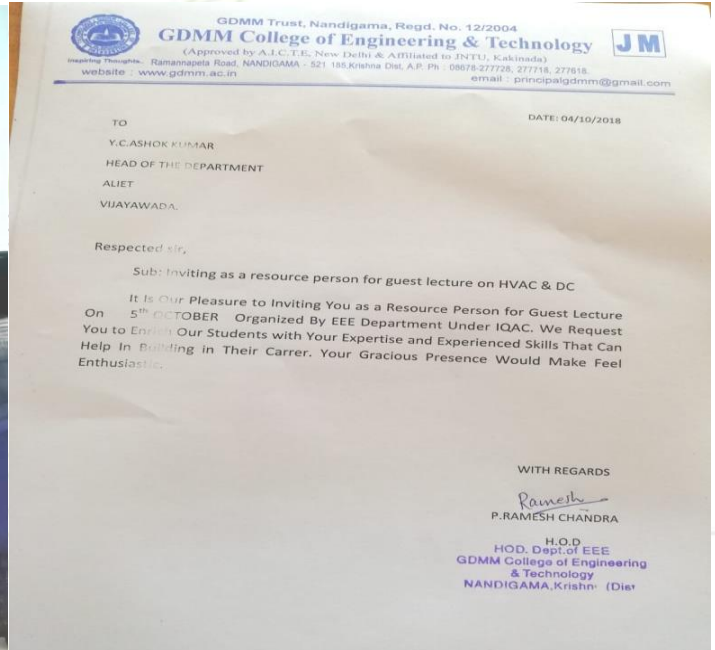
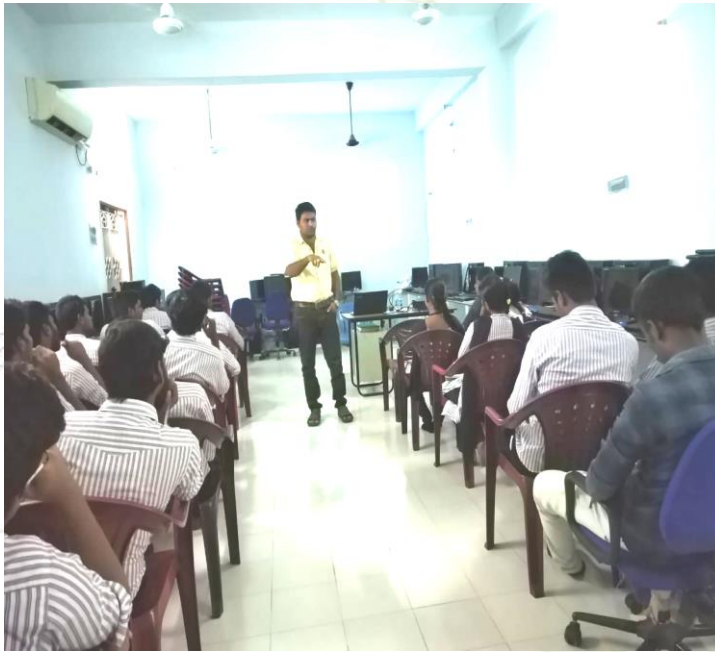


3. **Ms. B. POOJITHA** with Hall ticket number 15HP1A0210 secured third rank.



Guest lectures by faculty

- Mr. Y. C. Ashok Kumar, Associate Professor HoD of Electrical and Electronics Engineering department delivered a guest lecture on **HVAC & DC** in **GDMM College of Engineering and Technology**, Nandigama, on 4th October 2018.



Workshops Attended by Faculty

- **Mr. Y. CHIRANJEEVI ASHOK KUMAR**, Assoc. Prof. and HoD, attended the **NI Engineering Education & Research Seminar** at Fortune Murali Park, Vijayawada, on 29th June 2018.



Date: 29th June 2018

TO WHOMSOEVER THIS MAY CONCERN

Subject: Letter of Attendance at NI Engineering Education & Research Seminar, Vijayawada 2018

Dear Sir/Madam,

This is to confirm that **Prof. Y. Chiranjeevi Ashok Kumar** attended the **NI Engineering Education & Research Seminar** at Fortune Murali Park, 40-1-28, MG Road, Labbipet, Beside DV Manor, Vijayawada on 29th June 2018.

We hope this was a fruitful seminar and in the interest of your time. We look forward to interacting with you again soon.

For National Instruments


Raghunandan N V
Technical Marketing Engineer | Certified TestStand Developer
National Instruments – India, Russia, Middle East & Africa

- **Mr. K. RAJESH BABU**, Asst. Prof., attended the **NI Engineering Education & Research Seminar** at Fortune Murali Park, Vijayawada on 29th June 2018.



Date: 29th June 2018

TO WHOMSOEVER THIS MAY CONCERN

Subject: Letter of Attendance at NI Engineering Education & Research Seminar, Vijayawada 2018

Dear Sir/Madam,

This is to confirm that Prof. Rajesh Babu Kanchara attended the **NI Engineering Education & Research Seminar** at Fortune Murali Park, 40-1-28, MG Road, Labbipet, Beside DV Manor, Vijayawada on 29th June 2018.

We hope this was a fruitful seminar and in the interest of your time. We look forward to interacting with you again soon.

For National Instruments

Raghunandan N V
Technical Marketing Engineer | Certified TestStand Developer
National Instruments – India, Russia, Middle East & Africa

- **Mrs. V. Anantha Lakshmi**, Asst. Prof., attended a one week faculty development programme on **Electrical Engineering Software Tools Expo** from 30th April -5th May 2018 at V.R.Siddhartha Engineering College, Vijayawada.

**ONE WEEK FACULTY DEVELOPMENT PROGRAMME ON
“ELECTRICAL ENGINEERING SOFTWARE TOOLS EXPO”**

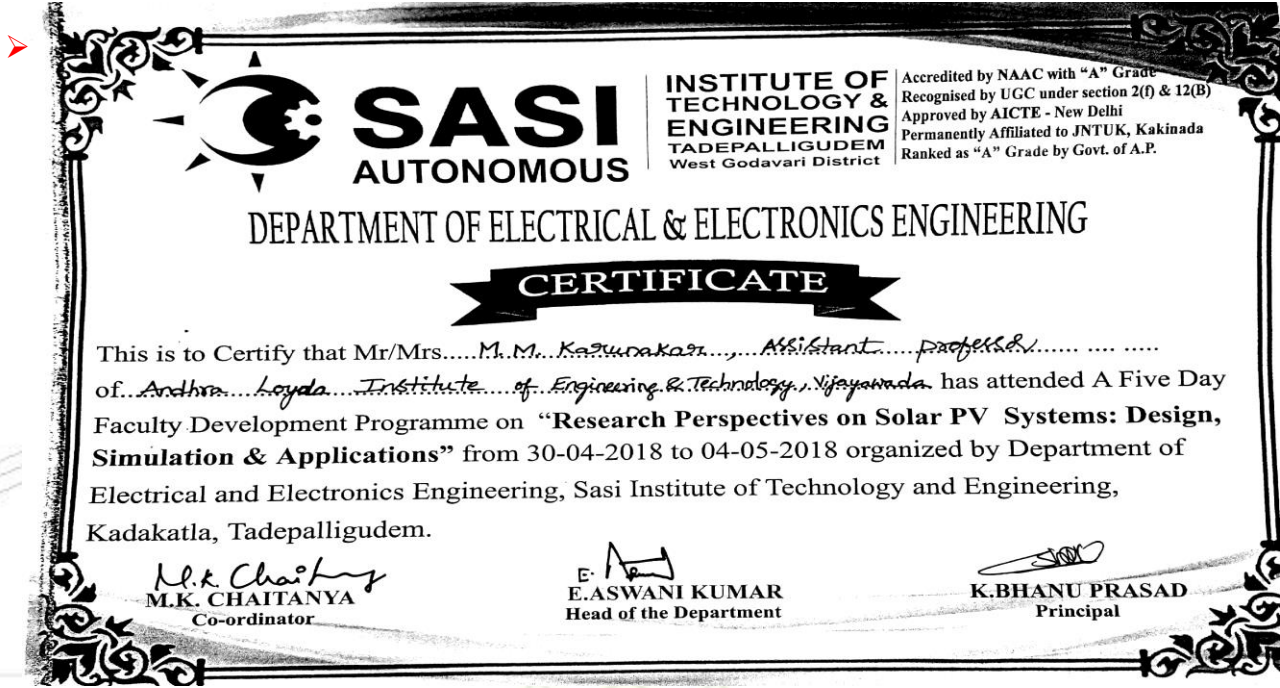
VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE
Autonomous - Affiliated to JNTU, Kakinada - Vijayawada - 520007

Certificate of Participation

This is to certify that Mr./Ms./Mrs. VENICHARLA ANANTHA LAKSHMI, Assoc. Prof.
of ALIET, VIJAYAWADA College has participated
in One Week Faculty Development Programme on “Electrical Engineering
Software Tools Expo” Sponsored by Siddhartha Academy of General and Technical
Education and organized by Department of Electrical and Electronics
Engineering during 30th April - 5th May 2018

 Dr. N. GOUTHAMKUMAR <i>Coordinator</i>	 Dr. P.V.R.L. NARASIMHAM <i>Convener</i>	 Dr. A.V. RATNA PRASAD <i>Principal</i>
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- Mr. M. M. Karunakar, Asst. Prof., attended a 5 day Faculty Development Programme on **Research Perspectives on Solar PV Systems Design, Simulation & Applications** from 30th April -4th May 2018 at SASI Institute of Technology & Engineering, Tadepalligudem.



WORKSHOP BY APSSDC AT SIEMENS CENTRE FOR EXCELLENCE, VRSC

Students of II EEE and III EEE have undergone a one week training programme on basics of **PLC & SCADA** conducted at V. R. SIDDARDHA ENGINEERING COLLEGE in association with APSSDC. The programme focuses on control of PLC & flexibility of PLC in electrical engineering applications

On the last day of the training programme an assessment was conducted to all the participants and all the qualified students were awarded with certificates.

The students expressed that the programme was very helpful for their technical growth and it was the first event that created a platform to do research oriented projects in the field of electrical engineering.



విద్యార్థులకు అభినందనలు

కరెన్సింగర్, న్యూస్ టుడే: నగరంలోని వీఆర్ సిద్ధార్థ ఇంజనీరింగ్ కళాశాలలో రాష్ట్ర నైపుణ్య శిక్షణ అభివృద్ధి సంస్థచే సీమెన్స్ ప్రయోగశాలలో శిక్షణ పూర్తి చేసిన లయోల ఇంజనీరింగ్ ఈఈఈ విద్యార్థులను కళాశాల డైరెక్టర్ షాదర్ ప్రాన్సిస్ జేవీయర్ గురువారం అభినందించారు. ప్రస్తుత కాలంలో ఎలక్ట్రికల్ పరిజ్ఞానానికి సంబంధించి పీఎల్సి, స్కాడా, ఐఓటి ప్రత్యేకంగా శిక్షణ ఇచ్చారు. ఆఖరి రోజున పరీక్ష నిర్వహించి ద్రువీకరణ పత్రాలను అందజేశారు.

RENEWABLE ENERGY SOURCES LAB @ ALC

The department of Electrical Engineering organized a visit to **RENEWABLE ENERGY SOURCES LAB** at Andhra Loyola College, Vijayawada, on 21st & 27th of August 2018 for the students of II EEE. The objective of this visit is to understand the basic concepts of power generation by solar, wind, and **hydropower** systems. The visit made them look beyond books and provided what classrooms could never have. They were accompanied by Mr. M. Rama Krishna, Asst. Prof., Mr. M. Krishna Mohan, Asst. Prof. and Mr. K. Rajesh Babu, Asst. Prof. who were extremely interactive.

The students stated that the programme highlighted the basic concepts of power generation by renewable energy sources like solar, wind etc. They also learnt about the utilization power generated by renewable energy sources.



EXTENSION PROGRAMS

The aim of the department is to provide a wide range of opportunities so as to allow as many students as possible to discover their talent areas. Through extension programmes we are able to cater for a large number of our students. The students of Department of Electrical and Electronics Engineering conducted an awareness programme session on 26-06-2018 on the **Importance of Time Management, Discipline, Study Skills** and on the biography of **Thomas Alva Edison**.

A team of students went to **SVR Municipal High School, Krishna Lanka, Vijayawada** on the first day of the program (26-6-2018), on the second day (30-6-2018) they visited **VMRRR Municipal High School, Krishna Lanka, Vijayawada** and on the third day (2-7-2018) they went to the **APSR Municipal High School, Krishna Lanka, Vijayawada**. Our students organised the programme at the municipal high schools. Master Y Sai Bhargav (15HP1A0235) initiated the program. Miss. G. D. Gracy (16HP1A0205) gave an inspiring talk on the Biography of Thomas Alva Edison and Master. N.N.S Harsha (15HP1A0225) threw light on **Time Management**, Miss. K. Pratima (17HP1A0212) enlightened the students on **Study Skills**. Finally, Miss P Suma Sree (17HP1A0219) and K. Yaswanth (17HP1A0255) highlighted the importance of **Discipline** and Self-Motivation. The extension programme was surely worth the time as our students gained wonderful experience in educating the citizens of tomorrow!





WORKSHOPS ATTENDED BY STUDENTS

1. The department of Electrical And Electronics Engineering conducted a three day National Workshop on 12th, 13th & 14th July 2018, on **Solar & Smart Energy System** in collaboration with TechTrunk Ventures Pvt. Ltd. Nearly 58 students participated in the workshop. Mr. Siddharth Bhattar, Developer and Trainer, TechTrunk Ventures Pvt. Ltd. was the resource person for this programme.

The objective of this workshop is to provide an opportunity for students to learn and build a project on Solar and Smart Energy using Embedded Systems. This workshop gave an enriching experience to students and provided a practical exposure on solar energy production and application of charging a battery.

సౌరశక్తిపై పరిశోధనలు చేయండి



కార్యశాలను ప్రారంభిస్తున్న సిద్ధార్థ భట్టర్, తదితరులు

భారతీయగర్ (కరెన్షియగర్), స్టూడెంట్లు: భవిష్యత్ తరాలు సౌరశక్తిపైనే ఆధారపడనున్నాయని, విద్యార్థులు ఈ రంగంలో నూతన ఆవిష్కరణలు చేయాలని టెక్ ట్రంక్ వెన్ చర్చ్ సాంకేతిక నిపుణులు సిద్ధార్థ భట్టర్ అన్నారు. ఆంధ్రా లయోల ఇంజనీరింగ్ కళాశాల ఈఈఈ విభాగం ఆధ్వర్యంలో 'సోలార్ స్మార్ట్ ఎనర్జీ సిస్టమ్స్' అంశంపై మూడు రోజుల కార్యశాల గురువారం ప్రారంభమైంది. రిసోర్సుపర్సన్ గా హాజరైన భట్టర్ మాట్లాడుతూ సౌరశక్తికి వినయోగించే పలకలు తక్కువ ధరలో ప్రజలకు అందుబాటులోకి తీసుకొచ్చే విధంగా విద్యార్థులు పరిశోధనలు చేయాలన్నారు. ఈ సందర్భంగా పలు ప్రయోగాలు నిర్వహించారు. కళాశాల డైరెక్టర్ షాదర్ ప్రాన్స్ షేవియర్, సహాయ డైరెక్టర్ చిరంజీవి, అనిల్ కుమార్, ఈఈఈ విభాగాధిపతి పై.సి.అశోక్ కుమార్, టి.కృష్ణ మోహన్, కె.రాజేష్ పర్యవేక్షించారు.



2. The department of Electrical and Electronics Engineering conducted a National Workshop from 24th Sept. to 29th Sept. 2018, on **“INTERNET OF THINGS”, a One Week Certification Program** in collaboration with APSSDC. Nearly 25 students participated in the workshop.

The objective of this workshop is to design, create, and deploy an IOT device using Arduino and Raspberry Pi platforms. This specialization covers embedded systems, the Raspberry Pi Platform, and the Arduino environment for building devices that can control the physical world.



కప్పపడి చదివితే ఉత్తమ ఫలితాలు

గుణదల : విద్యార్థులు కప్పపడి చదివితే ఉత్తమ ఫలితాలు సాధించవచ్చని ఆంధ్ర లయోల ఇంజనీరింగ్ కళాశాల ఈ ఈఈ విభాగాధిపతి అశోక్ అన్నారు. ఇంజనీరింగ్ కళాశాల ఆధ్వర్యంలో మూడు రోజులుగా జరుగుతున్న వర్క్ షాపు



మాట్లాడుతున్న అశోక్ కుమార్ మంగళవారంతో ముగిసింది. సదస్సుకు ముఖ్య అతిథిగా హాజరైన అశోక్ మాట్లాడుతూ విద్యార్థులు పాఠ్యాంశాలపై పట్టు సాధించేందుకు ప్రయోగాలు ఎంతగానో దోహదపడతాయని అన్నారు. ఎలక్ట్రానిక్స్ రంగంలో ఇండస్ట్రియల్ ఇంటర్నెట్ ఆఫ్ థింగ్స్ ప్రాముఖ్యత ఎంతో ఉందన్నారు. సి లాంగ్వేజ్, ఆర్డినో ప్రోగ్రామింగ్, ఆపరేటివ్ సిస్టమ్స్ తదితర అంశాలపై అవగాహన కల్పించారు. ఆయా అంశాల్లో విద్యార్థులకు పరీక్షలు నిర్వహించి ఉత్తీర్ణులైన వారికి సర్టిఫికేట్లు అందజేశారు. కోఆర్డినేటర్ కృష్ణమోహన్, కరుణాకర్, విద్యార్థులు పాల్గొన్నారు.



GUEST LECTURE

on

“Artificial Intelligence, Machine Learning & Data Sciences”

The Department of Electrical and Electronics Engineering has conducted a Guest Lecture on 29th Aug 2018 on “**Artificial intelligence, Machine Learning & Data Sciences**”. It was delivered by Mr. Santosh Kumar Pandit, Technical Consultant in collaboration with TechTrunk Ventures Pvt. Ltd. for 3rd & 4th year students of EEE. The students stated that the programme was very useful for their technical growth and research oriented projects.

సాంకేతికతను అంది పుచ్చుకోవాలి

భారతీనగర్ (కరెన్సీనగర్), న్యూఢెల్లీ: ప్రస్తుత పోటీ ప్రపంచంలో పెరుగుతున్న సాంకేతిక పరిజ్ఞానాన్ని అందిపుచ్చుకోవాలని టెక్ ట్రంక్ వెంచర్స్ రిసోర్సు పర్సన్ సతీష్ కుమార్ అన్నారు. ఆంధ్రా లయోల ఇంజనీరింగ్ కళాశాలలో తృతీయ, చివరి సంవత్సరం ఈఈఈ, ఐటీ విద్యార్థులకు ఆర్టిఫిషియల్ ఇంటెలిజెన్స్, మెషీన్ లెర్నింగ్ అంశాలపై అవగాహన సదస్సు జరిగింది. డైరెక్టర్ ఫాదర్ ఫ్రాన్సిస్ జేవియర్, ప్రీన్సిపల్ ఒ.మహేష్, ఈఈఈ విభాగాధిపతి వై.సి.అశోక్ కుమార్, ఐటీ విభాగాధిపతి ఎస్. కిషోర్ బాబు తదితరులున్నారు.



Guest lecture on Power Quality

The Department of Electrical & Electronics Engineering organized a Guest lecture on “**Power Quality**”, delivered by Dr. Y KALYAN KUMAR, D.E., NTPPS, on 20th Sept. 2018. The students of 3rd year were present for the lecture. This event was coordinated by Mr. L KARUNAKAR, Asst.Prof.

The session began with concepts concerning long interruptions and short interruptions on power systems, remedies for these interruptions and he explained switching sequence of relay and circuit breaker coordination in distribution systems.

The session ended with a hearty thanks and presentation of a memento to Mr. Y KALYAN KUMAR by Mr. Y. C. Ashok Kumar in appreciation for taking the time off to educate the students on Power Quality.

He appreciated the management for providing a platform to organize guest lectures on innovative technologies. He appreciated faculty members, students volunteers and participants for the successful conduction of the event.

విద్యుత్తు రంగంలో సవాళ్లను అధిగమించాలి

కరెన్సీనగర్, న్యూఢిల్లీ: విద్యుత్తు రంగంలో అధునిక పరిజ్ఞానం బాగా పెరిగిందని, నూతన అవిష్కరణలపై విద్యార్థులు దృష్టి పెట్టాలని ఎన్టీపీఎస్ ఎగ్జిక్యూటివ్ ఇంజనీర్ వై.కల్యాణ్ అన్నారు. ఆంధ్రా లయోల ఇంజనీరింగ్ కళాశాల ఈ కు ఈ విభాగం అధ్యక్షుల ప్రాజెక్టుల ప్రదర్శన సందర్భంగా ఆతిథోపన్యాసం బుధవారం జరిగింది. ముఖ్యఅతిథిగా



హాజరైన ఆయన మాట్లాడుతూ విద్యుత్తు రంగంలో ఉపాధి అవకాశాలు, పెట్టుబడులు, సవాళ్లను అధిగమించడానికి అనుసరిస్తున్న అత్యాధునిక పరిజ్ఞానాలను వివరించారు. అనంతరం ప్రాజెక్టులను పరిశీలించారు. ఈ కు ఈ విభాగపతి వై.సి.అశోక్ కుమార్, లంకా కరుణాకర్ పర్యవేక్షించారు.

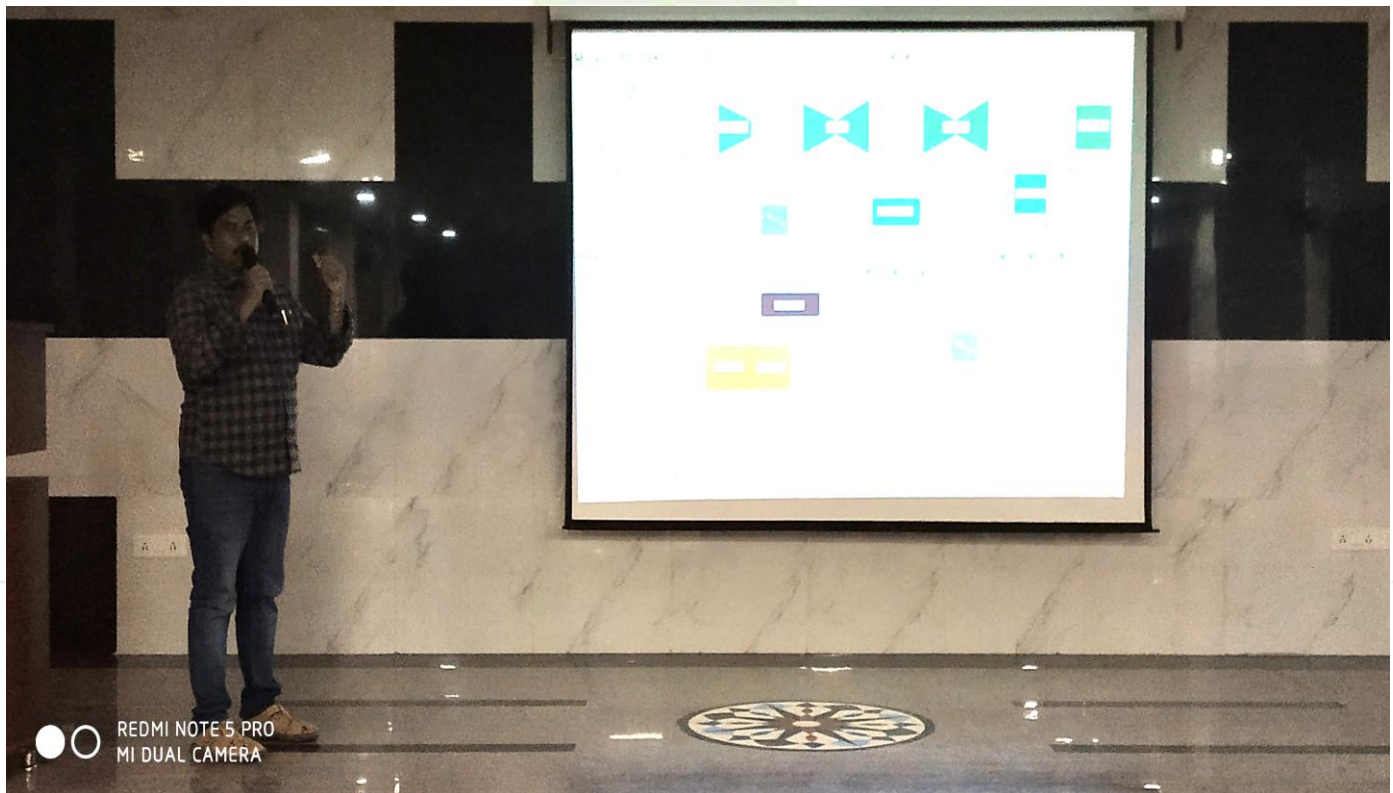
← మాట్లాడుతున్న ఈ కు కల్యాణ్



Guest lecture on basics of Power System

The Department of Electrical & Electronics Engineering organized a Guest lecture on “Basics of **Power System**”. Mr. P SRIKANTH Assistant Professor NIT, Warangal, delivered a lecture on the basic structure of a power system network involved in power generation, transmission and power distribution on 20th Sept. New teaching methods like PPT, videos were adopted for delivering the lecture. The seminar was effective and students were immensely benefited. The students of 2nd year attended this event.

They found that this session would be very useful for them in the next semester. This event was coordinated by Mr. L KARUNAKAR, Asst. Prof. The session ended with a hearty thanks and presentation of a memento to Mr. P SRIKANTH by Mr. Y. C. Ashok Kumar in appreciation for taking the time off to enlighten the students on Power systems.



QUIZ

The department of Electrical and Electronics Engineering conducted Technical Quiz competition for 2nd, 3rd and 4th year students on 14th Sept. 2018. The quiz was organized by the faculty in-charge Mr. M. KARUNAKAR and Mr. K. RAJESH BABU.

A total of 150 students registered for the Quiz competition and finally 20 students are shortlisted after conducting written test. The shortlisted students were divided into 5 teams (each consisting of four students) one for each year and the team with the highest score was declared the winner of the contest.

S. No	Position	Name	Roll Number
1	1 st	P BHAVANI	15HP1A0201
		C SAI TEJA	16HP1A0247
		K V D SAI KUMAR	16HP5A0219
		CH PAUL	17HP1A0235
2	2 nd	V KARTHEEK	15HP1A0227
		P MANOJ KUMAR	17HP5A0209
		K. SWAPNIKA	16HP1A0219
		P RAVI TEJA	17HP1A0244



INDUSTRIAL VISITS

1. The Department of Electrical Engineering organized an industrial visit to **KUMAR PUMPS AND MOTORS, Tenali** for 4th Year B.Tech. Electrical students (53) along with 3 faculty members visited the **Industry** on 8th Sept. 2018.

The main purpose of this visit is to make the students understand the generation of power from **BIOMASS** (by-product of sugar extraction from cane stalks). All the students actively participated and gained knowledge about power generation.



2. The Department of Electrical Engineering organized a Practical Oriented Programme on **Solar Panels** for 2nd B. Tech students on 6th Sept. 2018. Forty five students participated in this programme. They were assisted by two faculty members. In addition to making Environmental Studies a very vital subject in our syllabus, ALIET has gone a step further by putting that theory into practice. In Andhra Loyola Colleges, Solar Plant (of 100kW) was installed on the roof of the Library building by TATA Power Pvt Ltd, with a Government of India subsidy. We now have a few parts of our college that run entirely on solar energy.



3. The Department of Electrical Engineering organized an industrial visit to **EURTH PRIVATE LIMITED** for 3rd year B.Tech. Students of EEE on 29th Sept. 2018. Around sixty five students along visited the **Industry**. They were accompanied by 3 faculty members.

The main purpose of this visit is to make the students understand operation and manufacturing of led bulbs. After visiting the industry students gained a both theoretical and practical knowledge.



Engineer's Day Celebration (Project Expo)

On the occasion of Engineers Day on 15 September, as a tribute to the greatest Indian Engineer, Bharat Ratna Mokshagundam Visvesvaraya, the department of Electrical and Electronics Engineering organised a “**PROJECT EXPO**” on 20th Sept. 2018 at electrical measurements and power electronics labs. **Mr. G. PAVAN** Assistant Engineer APGenco., was the chief guest for this event; the event was coordinated by Mr. L KARUNAKAR.

More than 25 batches have participated in the event. These competitions were an open opportunity for all. Students with the remarkable performances were awarded with certificates.


S. No	Position	PROJECT TITLE	Name	Roll Number
1	1 st	TRAFFIC SIGNAL CONTROL USING AURDINO	M SRIDEVI	16HP5A0204
			M MADHAVI LATHA	15HP1A0205
			B MANASWINI SOEMYA	15HP1A0207
2	2 nd	SOLAR TRCKING	B S MAHESH BABU	17HP5A0213
			P BASKERRAO	17HP5A0205
			V THIRUPATHI RAO	17HP5A0215
3	3 rd	MIND CONTROL DRONE	CH PAUL	17HP1A0235
			B PRABHU SUSANTH	17HP1A0236



STUDENT INTERNSHIPS

S. No	Roll Number	Name	Institution/ Organization
1	15HP1A0212	K RAMYA	ISRO(SHAR)
2	15HP1A0216	N TEJASWI	SIEMENS CENTER OF EXCELLENCE AT VRSEC
3	15HP1A0204	S L VASAVI	SIEMENS CENTER OF EXCELLENCE AT VRSEC
4	15HP1A0209	R NAVYA PRAGNA	ELECTRIC LOCOSHED
5	15HP1A0228	M MONISH KUMAR	ELECTRIC LOCOSHED
6	15HP1A0229	N N S HARSHA	ELECTRIC LOCOSHED
7	16HP5A0213	B NAGENDRA BABU	ELECTRIC LOCOSHED
8	15HP1A0243	G V K NAIK	ELECTRIC LOCOSHED
9	15HP1A0237	Y SAI KIRAN	ELECTRIC LOCOSHED
10	15HP1A0217	CH ABHINAY KUMAR	BHEL,HYD
11	15HP1A0236	P SAI DILIP	BHEL,HYD
12	15HP1A0225	I JAWAHAR	BHEL,HYD
13	15HP1A0229	N N S HARSHA	BHEL,HYD
14	15HP1A0244	T V NAGARJUNA REDDY	BHEL,HYD
15	15HP1A0235	Y SAI BHARGAV	LNT,CHENNAI
16	15HP1A0238	K SAI SAMPATH	LNT,CHENNAI
17	16HP5A0215	K PAVAN KUMAR	SIEMENS CENTER OF EXCELLENCE AT VRSEC

भारत सरकार
 अन्तरिक्ष विभाग
श शिवन अन्तरिक्ष केन्द्र
शार
 श्रीहंकोटा रेंज पो. 524 124,
 श्रीहंकोटा, नेल्लोर जिल्ला, आंध्र, भारत
 फोन नं. : + 91-8623 - 245060 (6 रे)
 फैक्स : + 91 - 8623 - 225160 / 222099




Government of India
 Department of Space
Satish Dhawan Space Centre
SHAR
 Srihankota Range P.O. 524 124,
 SPSR Nellore Dist., A.P., India
 Telephones : +91-8623-245060 (6 Lines)
 Fax : +91-8623-225160 / 222099

HUMAN RESOURCES DEVELOPMENT DIVISION
 (Phone No.08623-225047, Fax No-225577) Email: hrdd@shar.gov.in

RD/STU/PRJ2018054 Date: 25/04/2018


Dear Sir / Madam,
 Sub: - Intimation about Internship - reg.
 greetings
 We are happy to inform you that the Internship request of the following student pursuing
 TECH III Year ELECTRICAL AND ELECTRONICS ENGINEERING in your institution has
 been ACCEPTED. The student details are as follows:

STUDENT	ROLL NO
Ms. KESIREDDY RAMYA	15HP1A0212




 (P Gopi Krishna)
 Group Head, MSA

PRINCIPAL
 ANDHRA LOYOLA INSTT OF ENGG & TECH
 VIJAYAWADA
 KRISHNA DIST.,
 ANDHRA PRADESH - 520008

NOTE: No Accommodation will be provided by the Organization during the training period.

भारतीय अन्तरिक्ष अनुसंधान संगठन  Indian Space Research Organisation

భారత్ హెవీ ఎలక్ట్రికల్స్ లిమిటెడ్
 హెవీ పవర్ ఎలక్ట్రికల్స్ ప్లాంట్, రామచంద్రపూర్, హైదరాబాద్ - 502032 (భారత్)


भारत हेवी इलेक्ट्रिकल्स लिमिटेड
 हेवी पावर इलेक्ट्रिकल्स प्लांट, रामचन्द्रपुरम, हैदराबाद - 502032 (भारत)
BHARAT HEAVY ELECTRICALS LIMITED
 Heavy Power Equipment Plant, Ramachandrapuram, Hyderabad - 502032 (INDIA)

మానవ వనరుల వికాస కేంద్రము / मानव संसाधन विकास केंद्र
 Human Resource Development Centre

बीएचईएल पंजीयन संख्या / BHEL Reg. No. 18Engg1205 दिनांक / Date: 11/06/18

प्रोजेक्ट कार्य प्रशिक्षण प्रमाण पत्र
PROJECT WORK TRAINING CERTIFICATE


प्रमाणित किया जाता है कि श्री/श्री/श्रीमती / This is to certify that Mr./Ms./Mrs. T.V. Nagarajuna Reddy
 अनुक्रमांक / Roll No. 15HP1A0212 ने / of Andhra Loyola
Institute of Engg. & Tech महाविद्यालय / विश्वविद्यालय / college / university से अध्ययन करते हुए / pursuing
B.Tech पाठ्यक्रम में / Course प्रोजेक्ट कार्य प्रशिक्षण / has satisfactorily completed the
 Project work training from दिनांक / Dt. 28/05/18 से / to दिनांक / Dt. 11/06/18 तक
 सफलतापूर्वक पूर्ण किए है। प्रोजेक्ट कार्य का शीर्षक/The title of the project is _____
Electrical machines


 प्रोजेक्ट प्रशिक्षण प्रभारी
 Project Training In-Charge

कॉर्पोरेट कार्यालय - बीएचईएल हाउस, सिटी फोर्ट, न्यू देहली - 110 049
 Regd. Office: "BHEL House", Site Fort, New Delhi - 110 049
 Website: www.bhel.com

A. KRISHNA REDDY
 Addl. Engin. HRDC I.
 B.H.E.L, HYD-32

भारत सरकार
 अन्तरिक्ष विभाग
सतीश धवन अन्तरिक्ष केन्द्र
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Government of India
 Department of Space
Satish Dhawan Space Centre
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 Srihankota Range P.O. 524 124,
 Nellore Dist., A.P., India
 Telephones : +91-8623-245060 (10 Lines)
 Fax : +91-8623-225160


HUMAN RESOURCES DEVELOPMENT DIVISION


No:MSA/HRDD/STU/PRJ2018054 08th JUNE, 2018


CERTIFICATE

This is to certify that Ms. KESIREDDY RAMYA, (Roll No: 15HP1A0212) B. TECH IV YEAR
 (ELECTRICAL AND ELECTRONICS ENGINEERING) in ANDHRA LOYOLA INSTT OF ENGG & TECH,
 VIJAYAWADA has undergone Internship at CONSTRUCTION & MAINTENANCE
 GROUP(ELECTRICAL DIVISION) in SDSC SHAR, ISRO from 23/05/2018 to 08/06/2018.

During the above period, her character and conduct were found to be Very Good.


 (P Gopi Krishna)
 Group Head MSA
 श्री गोपी कृष्ण P.Gopi Krishna
 समूह प्रभार, एन एन ए Group Head, MSA
 स.घ.अ.के. शार, SDSC SHAR



भारतीय अन्तरिक्ष अनुसंधान संगठन  Indian Space Research Organisation

STUDENT ACHIEVEMENTS

Mr K SAI SAMPATH of IV-EEE with Regd. No 15HP1A0236 has secured the award of best speakers in a debate conducted in the event of **SPARKLIT-2018**.

The event was hosted by the department of English at MARIS STELLA COLLEGE Vijayawada on 04/09/18. He was given a topic on **Social Media Has Adverse Effect On Human Relation**. Mr RAVI VARMA, Rtd. Professor, the chief guest of **SPARKLIT-2018** was in the jury. Our Management, HoD & Faculty of EEE appreciated Sai Sampath on his achievement.



లయాల పద్యాల్ని ప్రతిభ

గుణదల : ప్రస్తుత ఆధునిక సమాజంలో సోషల్ మీడియా తీవ్ర ప్రభావాన్ని చూపుతోందని లయాల ఇంజనీరింగ్ కళాశాల రెక్టర్ షాదర్ ఫ్రాన్సిస్ జీవియర్ అన్నారు. తమ విద్యార్థి కె.సాయిసంపత్ ఇటీవల జరిగిన డిజిటల్ టెన్స్ స్పీకర్గా ప్రతిభ కనబర్చి అవార్డు అందుకున్నట్లు తెలిపారు. ఈ సందర్భంగా ఆయన మాట్లాడుతూ ఈ నెల 4న నగరంలోని మేరీస్ స్కెల్లా కళాశాలలో మానవ సంబంధాలపై సోషల్ మీడియా ప్రభావాలు అనే అంశంపై డిజిటల్ జరిగింది. కార్యక్రమంలో అత్యుత్తమ ప్రతిభ కనబరిన సాయిసంపత్కు బహుమతి లభించిందని తెలిపారు.



సాయి సంపత్కు బహుమతి లభిస్తున్న జీవియర్

సాక్షి Fri, 07 September 2018
epaper.sakshi.com/c/31945107

GARDEN PARTY

The Management of ALIET organised a garden party for the faculty members (both teaching and non-teaching members) on 30-9-2018 at Jagannadhapuram village, Eluru. All the faculty members from EEE department actively participated in various events and games. Delicious breakfast & power lunch was served. The event started at 8:00 am & ended at 4:00 pm The Management provided transport facility for the staff members. Gifts were presented to all the staff members. Winners were appreciated with a variety of gifts.





Academic year 2018-2019
(Even Sem)

- Regular class work has been started on 19th November 2018 for the 2nd, 3rd & 4th B. Tech students.

Teaching Faculty Members:

- **Mr. Y. C. Ashok Kumar**, Associate Professor, **HOD**
- Dr. G. Naveen Kumar, Professor
- Mrs. V. Anantha Lakshmi, Assistant Professor
- Mr. G. Gantiah Swamy, Assistant Professor
- Mr. L. Karunakar, Assistant Professor
- Mr. T. Krishna Mohan, Assistant Professor
- Mr. K. Rajesh Babu, Assistant Professor
- Mr. M. Rama Krishna, Assistant Professor
- Mr. M. M. Karunakar, Assistant Professor
- Mrs. P. Swathi, Assistant Professor

Non-Teaching Faculty:

- S. Shekar Babu
- S. Siva
- K. Venu Babu



DEPARTMENTAL EVENTS

DEPARTMENTAL EVENTS

- Department of Electrical Engineering has taken part in the celebrations of the birthday of our beloved Director **Rev. Fr. Dr. A. Francis Xavier S.J** on 13th of December 2018.

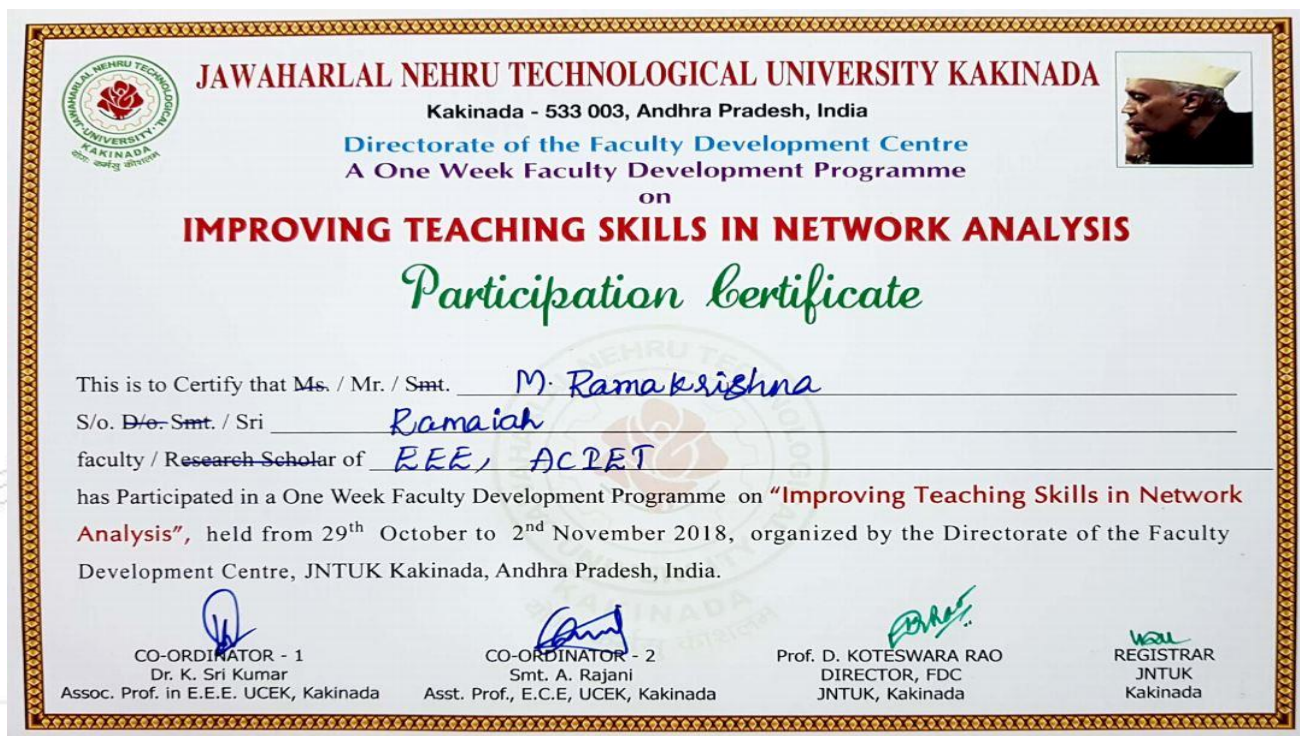


FACULTY ATTENDED WORKSHOPS

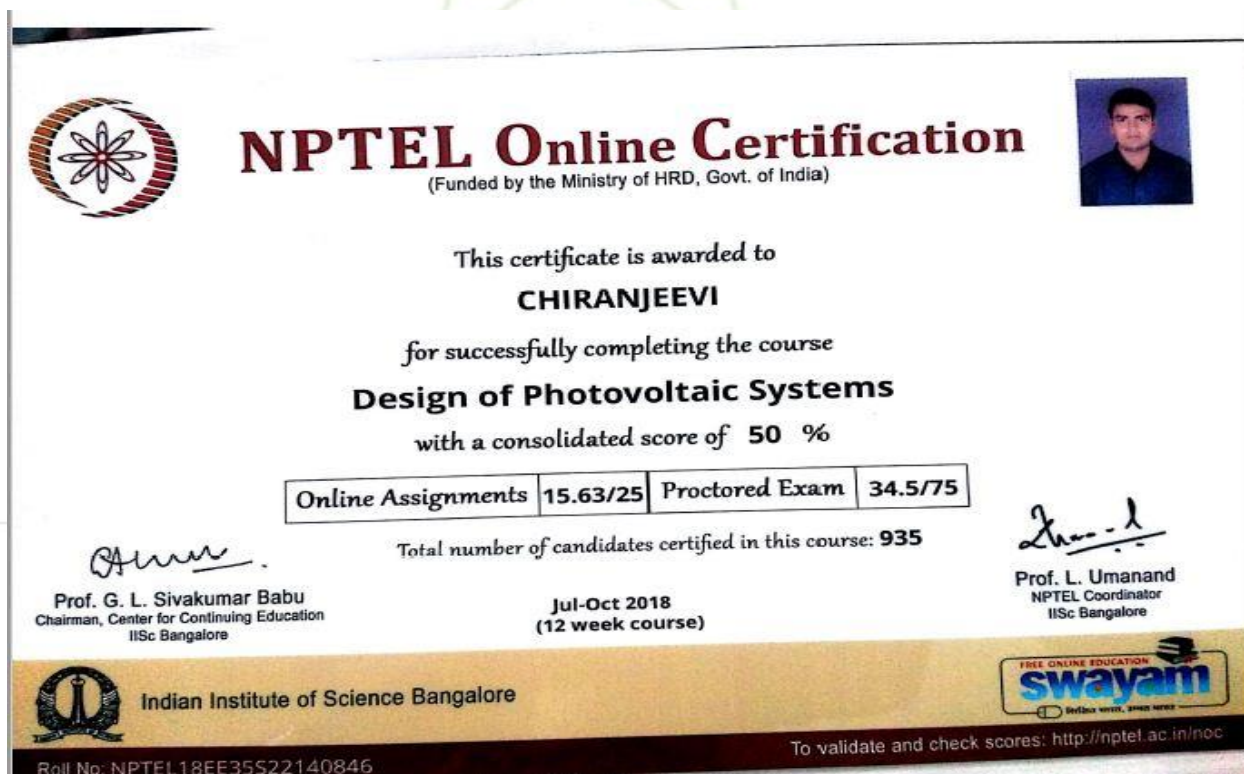
- Mr. Y. C. Ashok kumar participated in a one day faculty workshop on **"RECENT TRENDS IN ELECTRICAL ENGINEERING"** held on 7th December 2018, at V R SIDDHARTHA ENGINEERING COLLEGE, Kanuru.



- Mr. M Rama Krishna was participated in a one week faculty development programme on **"IMPROVING TEACHING SKILLS IN NETWORK ANALYSIS"** held from 29th October to 2nd November 2018, JNTUK Kakinada, Andhra Pradesh.



- Mr. Y. C. Ashok kumar was successfully completing the NPTEL course on **Design of Photovoltaic Systems**



- Mr. K.Rajesh Babu has participated in a one day faculty development programme on **"Power converters Design & Analysis"** 25th November 2018,by DELLSOFT Technologies Pvt.Ltd



- Mr. L. Karunakar was participated in a one day faculty development programme on **"Power converters Design & Analysis"** 25th November 2018,DELLSOFT Technologies Pvt.Ltd



- Mr. T. Krishnamohan was participated in a one day faculty development programme on **"Power converters Design & Analysis"** 25th November 2018, on DELLSOFT Technologies Pvt.Ltd



EXTENSION PROGRAMS

The aim of the department is to provide a wide range of opportunities so as to allow as many students as possible to discover their talent areas. Through extension programmes we are able to cater for a large number of our students.

The students of Department of Electrical and Electronics Engineering conducted an awareness programme session on 15-12-2018 on **applications of electric engineering** in the institute of St. Joseph's Industrial Training Center, Gunadala.

On The day of the program the student's team went to the **St . Joseph's I.T.I College** one of the student member Mrs . K Prathima of II year EEE initiated the topic on applications of electrical engineering and which was carried on by R Siva Shankar of III year EEE about faradays laws and various applications of faradays law. Mrs S.L vasavi of IV year EEE gave an inspiring talk on various types of machines and applications and Mr. G basil nirmal kumar gave a talk on KCL, and KVL.



As a part of extension programme The students of Department electrical and electronics engineering have conducted awareness programme on 18-01-2019 on Energy Conservation in the vididhi apartments at kanakadurga colony,patamata.

On The day of the program Mrs S.L vasavi initiated the topic on importance of solar energy and erection of solar panels on roof tops and which was carried on by R Siva Shankar about net metering, installation process and requires, Mr. G Basil nirmal kumar of II year EEE gave a talk on bureau of energy efficiency (BEE) star rating



ACADEMIC TOPPERS

II B. Tech I Semester Regular Examinations, October – 2018

The management, department of EEE congratulate to the following students for securing top three positions in the II-B.Tech I Semester External Examinations held during OCT-NOV-2018.

- K.PRIYANKA (17HP1A0214) secured **first** position with **9.13** Grade Points



- P.ROHIT KUMAR (18HP5A0211) secured **second** position with **8.63** Grade Points



- M.LAKSHMI KOUSALYA (17HP1A0208) secured **third** position with **8.0** Grade points



III B. Tech I Semester Regular Examinations, October – 2018

The management, department of EEE congratulate to the following students for securing top three positions in the III-B.Tech I Semester External Examinations held during OCT-NOV-2018.

- P.SUKANYA (17HP5A0204) secured **first** position with **9.0** Grade Points



- D.DIVYA (17HP5A0201) secured **second** position with **8.75** Grade Points



- N.VINDHYA (16HP1A0228) secured **third** position with **8.63** Grade points



IV B. Tech I Semester Regular Examinations, October – 2017

The management and department EEE congratulate the academic toppers of IV-EEE examinations held on oct-nov 2018.

1. **M. Sridevi (16HP5A0204)** has secured first position (84.97%)



2. **M. Geeta Parayani (15HP1A0202)** has secured second position (84%)



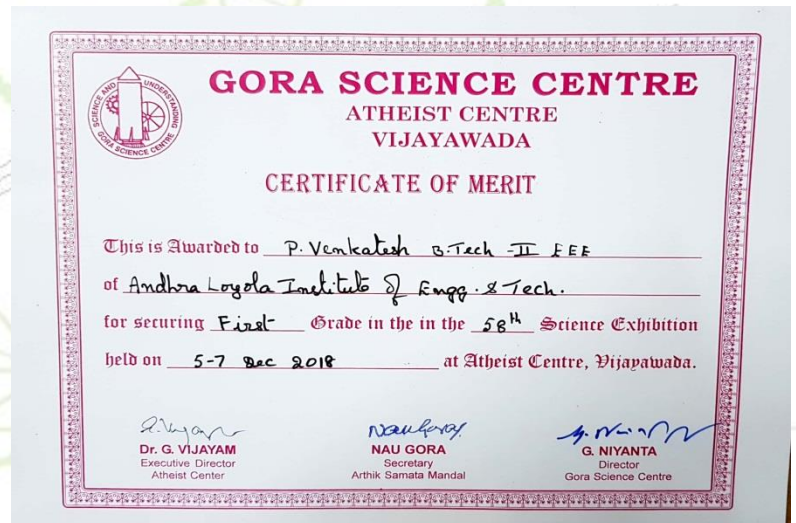
3. **B. Poojitha(15HP1A0210)** has 3rd position (83.72%)



SCIENCE GORA EXHIBITION

The management, department of EEE congratulate to the following students for securing **FIRST GRADE** in the 58th **SCIENCE GORA EXHIBITION** held on 5th to 7th Dec 2018.

- P VENKATESH (18HP5A0213) from II-EEE



- K RAKESH (17HP1A0243) from II-EEE



Student's workshop & Guest lecture

The Department of Electrical & Electronics Engineering organized a Guest Lecture on **“RECENT TRENDS AND CHALLENGES IN POWER INDUSTRY”** on 28th January 2019. The guest lecture was delivered by Mr. SHAIK FAIZ MOHAMMED, Assistant executive engineer, A.P TRANSCO. The students of 2nd and 4th year attended for this programme.



విద్యుత్తు తయారీలో సవాళ్లు

కరెన్సీనగర్, న్యూస్టుడే : ప్రస్తుతం తెలుగు రాష్ట్రాల్లో విద్యుత్తు శక్తి ఉత్పాదనలో ఎదుర్కొంటున్న సవాళ్లను విద్యార్థి దశలోనే గుర్తెరగాలని ఏపీట్రాన్స్కో ఇంజనీర్ షేక్ పయాజ్ మహ్మద్ అన్నారు. ఆంధ్ర లయోల ఇంజనీరింగ్ కళాశాల ఈఈఈ విభాగం ఆధ్వర్యంలో సోమవారం 'రీసెంట్ ట్రెండ్స్ అండ్ ఛాలెంజెస్ ఇన్ పవర్ ఇండస్ట్రీ' అంశంపై ఆయన మాట్లాడారు. విద్యుత్తు ప్రసారాల్లో అవసరంగా లను ఏవిధంగా అదిగమించాలి, విద్యుత్తు ఉత్పాదక సామర్థ్యాన్ని ఏవిధంగా పెంచుకోవచ్చో విపుల్ కరించారు. ఈఈఈ విభాగాధిపతి వై.సి.అశోక్ కుమార్, ప్రొఫెసర్ ఓ.మహేష్విలు విద్యుత్తు రంగంలో ఉద్యోగ అవకాశాలను వివరించారు. విద్యార్థులు అడిగిన ప్రశ్నలకు రిసోల్యూషన్లను సమాధానాలిచ్చారు. అధ్యాపకులు తదితరులు పాల్గొన్నారు.



మాట్లాడుతున్న ట్రాన్స్కో ఓఈ షేక్ పయాజ్

The Department of Electrical & Electronics Engineering organized a Guest Lecture on **“NECESSITY OF AUTOMATION IN PRESENT SCENARIO”** on 12th February 2019. The guest lecture was delivered by Mr. Nitin Acharya, Chief Operations Manager from Robokart. The students of 2nd year attended for this programme.



రోబోకార్డ్ సాంకేతికతకు అధిక ప్రాధాన్యం

భారతీనగర్ (కరెన్సీనగర్), న్యూస్టుడే: ఆంధ్ర లయోల ఇంజనీరింగ్ కళాశాల ఈఈఈ విభాగం ఆధ్వర్యంలో 'నెసెసిటీ ఆఫ్ ఆటోమేషన్ ఇన్ ప్రెసెంట్ సినారియో' అంశంపై ఆతిథోపన్యాసం నిర్వహించారు. ముంబయి నుంచి వచ్చిన నితిన్ ఆచార్య మాట్లాడుతూ రోబోకార్డ్ సాంకేతికత ప్రాధాన్యత, ఆటోమేషన్తో సమయాన్ని, శ్రమను ఏవిధంగా తగ్గించుకోవచ్చో వివరించారు. విభాగాధిపతి అశోక్కుమార్ పర్యవేక్షించారు.

ఐటీ విభాగంలో... ఐటీ విభాగం ఆధ్వర్యంలో 'పీఎం వేర్ - వర్చుల్ రియాలిటీ' అంశంపై సదస్సు నిర్వహించారు. 1998లో ఐటీ నిపుణులచే రూపొందించిన పీఎం వేర్ తయారు చేసి 2001 నుంచి ఉత్పత్తులను ప్రారంభమయ్యాయి. టైన్ క్లౌడ్, మైక్రోసాఫ్ట్ విండోస్, మ్యాకెల సాంకేతిక పరిజ్ఞానం ఆవిష్కృతమై విద్యార్థులకు అందుబాటులో వచ్చిందని ఐటీ విభాగాధిపతి కిషోర్బాబు వివరించారు.



The Department of Electrical & Electronics Engineering organized a Guest Lecture on “**POWER QUALITY**” on 18th February 2019. The guest lecture was delivered by Mr.SIVA RAM KUMAR, D.E,A,P GENCO The students of 4th year attended for this programme.



ELECTRICAL AUTOCAD

The department of Electrical And Electronics Engineering conducted a three day National Workshop on 12th, 13th & 14th February 2019, on “**Electrical AutoCAD**” in collaboration with Robokart and innovation cell IIT Bombay. Nearly 59 students from 2nd and 3rd year were participated in the workshop. Mr. Nitin Acharya, was the resource person for this programme.

The objective of this workshop is to provide an opportunity for students to learn Settings and Configuration, Electrical design work flows, Understanding and Wires and Creating Wire Types, Point-to-Point Wiring Drawings Dol circuit in Auto cad Rdol circuit in Auto cad, Components in control panels, Panel Drawings, Contactors. Design of control circuit and power circuit, Hands on practical on contactors, Hands on practical on control circuit .This workshop gave an enriching experience to students and provided a practical exposure on AUTOCAD software



2. Michael Faraday Research Centre, an initiation of the Department of Electrical & Electronics Engineering, organized a two day workshop on APPLICATIONS OF MATLAB IN ELECTRICAL ENGINEERING on 22nd & 23rd Feb 2019. The event was inaugurated at 9.00 A.M. around 50 students from various colleges participated in this workshop.

The Programme divided into 4 sessions (2 sessions per day)

Session 1:

It was led by Mr. T. Krishna Mohan, Asst. Prof of ALIET. He delivered a lecture on the following topics.

- Introduction to Matlab
- Simulink tool boxes
- Power Electronics Drives

Session 2:

It was led by Mr. M. Karunakar, Asst. Prof., ALIET. He enlightened the students on the following topics.

- R,L,C elements
- Construction of electrical circuits by using RLC
- Problems on dependent and independent sources
- Basic Example in Single Phase and Three Phase circuits

Session 3:

During session 4 the following topics were covered by Mr. L. Karunakar, Asst. Prof, ALIET

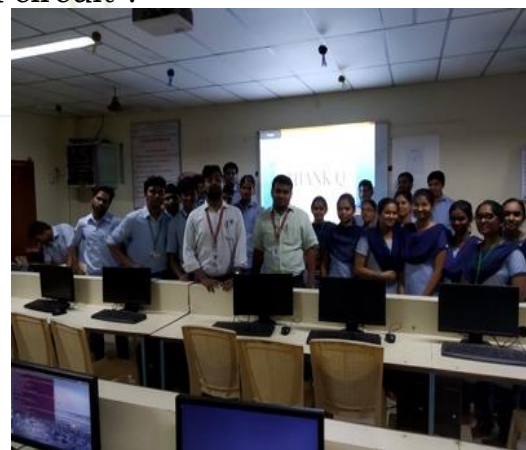
- Single Machine System
- Fault Current Calculation
- Examples

Session 4:

Mr. K. Rajesh Babu, Asst. Prof. ALIET, highlighted the following areas.

- Introduction to Electrical Machines
- Modelling of DC & AC Machines
- Examples

This workshop will also provide hands on experience with MATLAB software starting from basics to the end of designing a circuit”.





REPORT OF ALUMNI MEET-2019

The second alumni Meet, ReUnir-2018, was inaugurated by Department of electrical & electronics engineering on 02nd February 2019. Director **Rev. Fr. Dr. A. Francis Xavier S.J**, graced the occasion with his presence. The alumni students were invited to attend the Alumni Meet through Invitation letters/invitation cards/emails.

The meet started traditionally with the lighting of lamp and was followed by the prayer song.



The occasion was graced by more than 30 Alumni students, teaching and non-teaching staff and 2nd year students. In response, few of the alumni shared their experience as well as interesting moments of campus life to the audience.



As a part of entertainment program, funny games were organised for the audience and prizes were distributed.



పూర్వ విద్యార్థుల ఆత్మీయ కలయిక



అధ్యాపకులతో పూర్వ విద్యార్థులు

భారతీనగర్ (కరెన్సిన్గర్), న్యూస్టుడే: ఆంధ్ర లయాల ఇంజనీరింగ్ కళాశాల ఈఈఈ విభాగం పూర్వ విద్యార్థుల సమ్మేళన కార్యక్రమం శనివారం కళాశాలలో జరిగింది. గత ఆరేళ్లుగా ఉత్తీర్ణులైన విద్యార్థులంతా కళాశాలకు వచ్చి తమ అనుభవాలను, స్థితిగతులను ఇతరులతో పంచుకున్నారు. కళాశాల నుంచి బయటకు వెళ్లిన తర్వాత ఉద్యోగ అవకాశాలు, ఒడుదొడుకులను విశ్లేషించుకున్నారు. కార్యక్రమానికి కళాశాల డైరెక్టర్ పాదర్ ప్రాన్సిస్ జేవియర్, వీజీ వైస్ ప్రిన్సిపల్ పాదర్ రెక్స్ వింజిల్, సహాయ డైరెక్టర్ పాదర్ చిరంజీవి హాజరై మాట్లాడుతూ ఆహ్వాదకర వాతావరణంలో విద్యార్థులు కలుసుకోవడం ఆనందగా ఉందన్నారు. ప్రిన్సిపల్ మహేష్, టి.కృష్ణ మోహన్, వి.అనంతలక్ష్మి పాల్గొన్నారు.

PROJECT EXPO-2K19

Michael Faraday Research Centre, a brain child of the Department of Electrical & Electronics Engineering organized an exhibition of engineering projects on 15th March 2019. The projects were designed and developed by the students of final year. The students of 2nd and 3rd year interacted with final year students regarding their projects. The event was found to be very informative for the 2nd& 3rd year students



INDUSTRIAL VISITS

1. Department of Electrical Engineering has organized an industrial visit to **KCP SUGARS & POWER INDUSTRIES Pvt. Lmt, vuyyuru** for 3rd Year B.Tech. Electrical students (70) along with 2 faculty members visited the **Industry** on 28th Dec 2018.

The main purpose of this visit is to make the students understand the generation of power from **BIOMASS** (by-product of sugar extraction from cane stalks). All the students were actively participated and gained knowledge about power generation



2. Department of Electrical Engineering has organized an industrial visit to Dr. Narla Tata Rao Thermal Power Station (NTTPS) for 2nd Year B. Tech Electrical students. Totally 60 students along with 2 faculty members visited the **plant** on 21st Dec 2018. The main motto of this visit is to make the students understand the generation of Electricity from **coal**.

The visit was very fruitful as they observed each of energy conversion stages used in power plant starting from fuel section to switch yard. All the students were actively participated and many of their doubts were cleared by the discussion with



Department of Electrical Engineering has organized an industrial visit to **GS.ALLOYS Pvt. Ltd, Nunna** for 4th Year B.Tech. Electrical students (53) along with 3 faculty members visited the **Industry** on 12th February 2019.



QUIZ

The department of Electrical and Electronics Engineering conducted Technical Quiz competition for 1st, 2nd, 3rd and 4th year students on 18th January 2019. The quiz was organized by the faculty in-charge Mr. K. RAJESH BABU.

A total of 70 students registered for the Quiz competition and finally 20 students are shortlisted by conducting written test. The shortlisted students divided into 5 teams (each consisting of four students) one for each year and the team with the highest score was declared as winner of the contest.

S. No	Position	Name	Roll Number
1	1 st	K. Swapnika	16HP1A0219
		K.Sai Sampath	15HP1A0238
		S Chelsi	17HP1A0201
		T Teja maheswari	18HP1A0215
2	2 nd	K P M Y V.Dathu	16HP5A0214
		S V Ravindhra	18HP1A0251
		J Vamsi	16HP1A0251
		G Sugunasree	18HP1A0214



ENTREPRENEURSHIP AWARENESS CAMP (EAC)

A Entrepreneurship awareness camp (EAC) was organized on Andhra Loyola institute of engineering and technology with the support of Entrepreneurship development institute of india (EDI),ahmedabad under aegis of national science & technology Entrepreneurship development board (NSTEDB),DST govt of india,from 12-12-2018 to 14-12-2018 that was delivered by R VENKATARAO deputy director for Krishna district which was attended by students and faculties.



A TOKEN OF APPRECIATION TO THE MERIT STUDENTS

The department of EEE always motivates the students to perform well in their academics. Mr K. Rajesh babu assistant professor EEE have sponsored a Electrical Machines text book each to the students who secured first three positions in second year 1 semester end examinations. The presentation of text books to the students was done by the head of the department Mr. Y. C ashok kumar.



4th National Conference on Emerging Trends in Electrical Technology - 2019

Under Michael faraday research centre the department of Electrical and Electronics Engineering organised its 4th National Conference titled **Emerging Trends in Electrical Technology - 2019** on 16th March 2019. The conference was well attended by faculty members and students from reputed technical and educational institutions. All the participants were provided conference kits which include the file, writing pad, conference proceedings, pen along with a lunch coupons.

The conference was inaugurated by the Chief Guest for the inaugural function Dr. P.Sankar, Professor, NIT Tadepalligudem.



The conference was attended by more than 50 participants and total of 18 technical papers on various topics Related to recent innovative trends in engineering Technology were presented by the authors and all accepted papers were published in IJRAR(ISSN 2348 -1269, Print ISSN 2349-5138) | UGC Approved

Presentation of Certificates for those students who have successfully presented their papers in the conference was done by Dr. P.Sankar, Professor, NIT Tadepalligudem., the Chief Guest, and Mr D.Kalyan, D.E,VTPS. the Guests of Honour in the valedictory session. The Chairpersons of this event congratulated Mr. L. Karunakar of EEE department and the coordinators of the event. The event was formally closed with the Vote of thanks. It was proposed by Mr. Y. C. Ashok Kumar, the Head of the Department EEE.

నూతన ఆవిష్కరణలపై అధ్యయనం అవసరం

కరెన్సియన్, న్యూస్టుడే: ఆంధ్ర లయోల ఇంజనీరింగ్ కళాశాల ఈఈఈ విభాగం ఆధ్వర్యంలో ఏమర్చింగ్ ట్రైనింగ్ ఐన్ ఎలక్ట్రికల్ టెక్నాలజీ అంశంపై జాతీయ సదస్సు శనివారం కళాశాల



మాట్లాడుతున్న రమేష్

లో జరిగింది. తాడేపల్లిగూడెం ఎన్ ఐటీ అధ్యాపకులు టి.రమేష్ ప్రారంభించి ఎలక్ట్రికల్ రంగంలో ముప్పు నూతన ఆవిష్కరణలపై అధ్యయనం ఎంతో అవసరమని, ఈ ఉపకరణాలతో శ్రమ, సమయాన్ని తగ్గించవచ్చున్నారు. ఏపీ ఐసీకే డీఈ డి.కల్యాణ్, కళాశాల సహాయ చైర్మన్ల సాధర్న చిరంజీవి, ఈఈఈ విభాగాధిపతి ఆశోక్ కుమార్, కరుణాకర్ పాల్గొన్నారు. ఈ సందర్భంగా విద్యార్థుల పరిశోధన పత్రాల సంపుటిని అతిథులు ఆవిష్కరించారు.



కరెన్సియన్ మంత్రి చంద్రబాబునాయుడు మాటలను తున్న అమలమల సారాంశం ఎవ్వరికీ

List of papers


S.no	Paper Title
1	Arduino Based Digital Fuel Gauge and Vehicle Monitoring System
2	Power quality Improvement using UPQC with Distributed Generation
3	Performance of Dynamic Modelling And optimization Technique of Direct Coupled PV Water Pumping System
4	Effective Voltage Regulator For Domestic Loads
5	Wireless Based LED Dot Matrix Message Display
6	Solar-Wind Hybrid Power Generation
7	Improving Voltage Stability on Single Phase Grid Connected Photovoltaic System by using Static VAR Generator
8	Design of River Waste Collector Machine Using Arduino
9	operation of Solar Based Water Pumping System with Charge Controller
10	15 Level Diode Clamped Multilevel inverter with Reduced Number of Switches
11	Design and Analysis of PV Module with Tracking in Simulink
12	Power quality improvement by controlling fault currents using NSFCL
13	Smart Phone Controlled Metal Detector Vehicle with GSM and Arduino Interfacing
14	Smart Safety Helmet
15	Solar Powered Voice Controlled Vehicle
16	Dynamic Voltage Restorer Using Pi &Fuzzy Logic Control
17	Design and Simulation of 100kw Hybrid Grid Connected Solar PV System by using Matlab/Simulink
18	A Review on Identification & Analysis of Security Issues and Challenges of IoT based Healthcare





Placement Report for the A.Y 2018 – 19

The department collaborated with the Placement and Counselling Cell. The recruitments organized by the Placement and Training Cell during the academic year 2018-19

S.No	Name	Roll number	Organization	photo
1	P.BHAVANI	15HP1A0201	AAGNA SOLUTIONS	 P. Bhavani
2	S.VASAVI	15HP1A0204	AAGNA SOLUTIONS	 S. L. Vasavi
3	P.MANASWI	15HP1A0206	ARYAAN SOLUTIONS	 P. Manaswi
4	P.YATHISHA	16HP5A0205	ARYAAN SOLUTIONS	 Yathisha
5	K.PAVAN.KUMAR	16HP5A0215	AXIS GLOBAL AUTOMATION	 Pavan Kumar
6	M.GEETHA PARAYANI	15HP1A0202	AXIS GLOBAL AUTOMATION	 M. Geetha Parayani
7	R.NAVYA PRAGNA	15HP1A0209	AXIS GLOBAL AUTOMATION	 R.N. Pragna

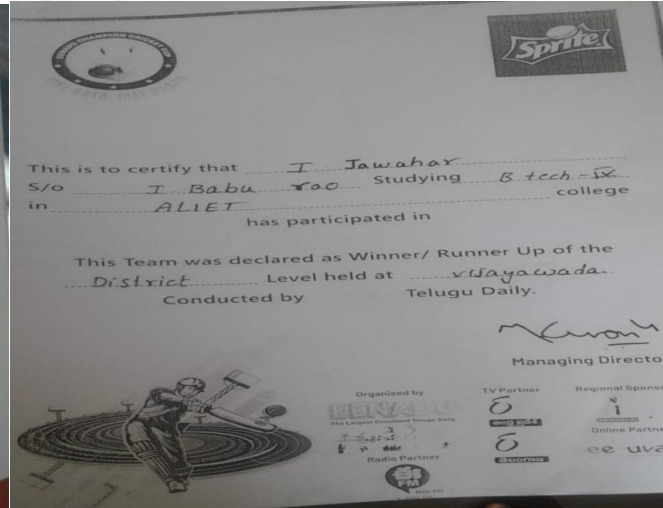
8	P.BHAVANI	15HP1A0201	AXIS GLOBAL AUTOMATION	 P. Bhavani
9	SAI Sampath KORLAPATI	15HP1A0238	CTS	 Sai
10	ARCHANA	16HP5A0206	GRIFEO	 G. Archana
11	NNS HARSHA	15HP1A0229	GRIFEO	 N.N.S. Harsha
12	YAGNESWARA VARA DATHU	16HP5A0214	GSG	 Y. Dathu
13	K.SAI SAMPATH	15HP1A0238	GSG	 Sai
14	K.SAI SAMPATH	15HP1A0238	IbeON INFOTECH PVT.LTD.	 Sai
15	CH RAVI TEJA	15HP1A0234	NANDEE NETWORKS	 Ch. Ravi Teja

16	M MOUNISH KUMAR	15HP1A0228	NANDEE NETWORKS	 M. Mounish Kumar
17	NNS HARSHA	15HP1A0229	NANDEE NETWORKS	 N.N.S. Harsha
18	K.PAVAN.KUMAR	16HP5A0215	NANDEE NETWORKS	 K. Pavan Kumar
19	P DILIP SAI	15HP1A0236	NANDEE NETWORKS	 P.S. Dilip Sai
20	CH ABHINAY KUMAR	15HP1A0217	NANDEE NETWORKS	 Ch. Abhinay Kumar
21	Y SAI KIRAN	15HP1A0237	NANDEE NETWORKS	 Y. Sai Kiran
22	Y SAI BHARGAV	15HP1A0235	TCS	 Y. Sai Bhargav
23	E SIRISHA	16HP5A0207	TCS	 E. Sirisha
24	S.VASAVI	15HP1A0204	VEE TECHNOLOGIES	 S. L. Vasavi

25	NNS HARSHA	15HP1A0229	VEE TECHNOLOGIES	 N.N.S. Harsha
26	N.TEJASWI	15HP1A0216	VEE TECHNOLOGIES	 N.Tejaswi
27	K SAI SAMPATH	15HP1A0238	VEE TECHNOLOGIES	 K.Sai
28	P DILIP SAI	15HP1A0236	ZENUS GROUP	 P.Dilip Sai

SPORTS

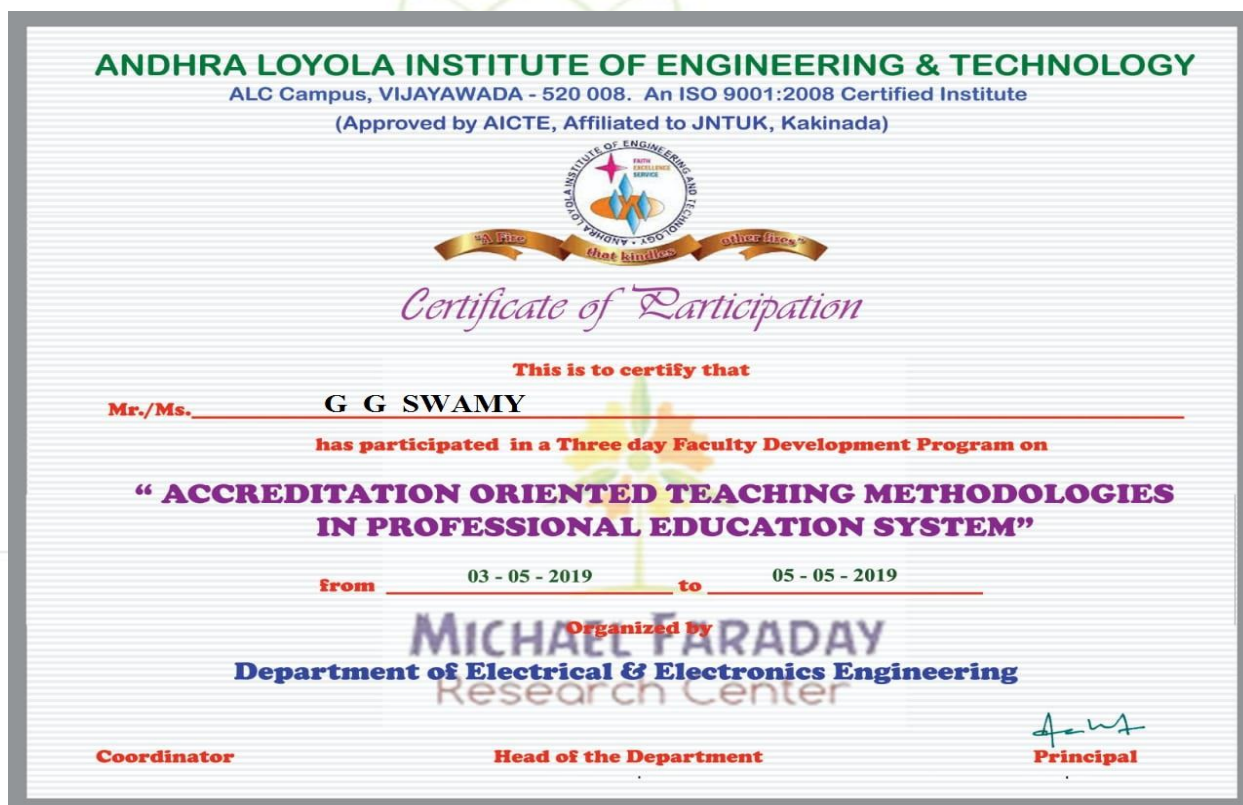
Ch. Ajay (17HP1A0224) of 2nd year EEE, I. Jawahar (16HP1A0225) and G srinu (15HP1A0240) of 4th EEE have been the part of college cricket team which has won JNTUK C ZONE championship and stood 3rd in JNTUK central zone cricket tournament. These students were also the part team of EENADU district level senior cricket tournament. The department and management congratulated the students for their achievement



- Mrs. V ANANTHA LAKSHMI was participated in a three day faculty development programme on **"Accreditation Oriented Teaching Methodologies in Professional Education System"** at ALIET during 3rd to 5th May 2019.



- Mr. G G SWAMY was participated in a three day faculty development programme on **"Accreditation Oriented Teaching Methodologies in Professional Education System"** at ALIET during 3rd to 5th May 2019.



Mr. K RAJESH was participated in a three day faculty development programme on "Accreditation Oriented Teaching Methodologies in Professional Education System" at ALIET during 3rd to 5th May 2019.



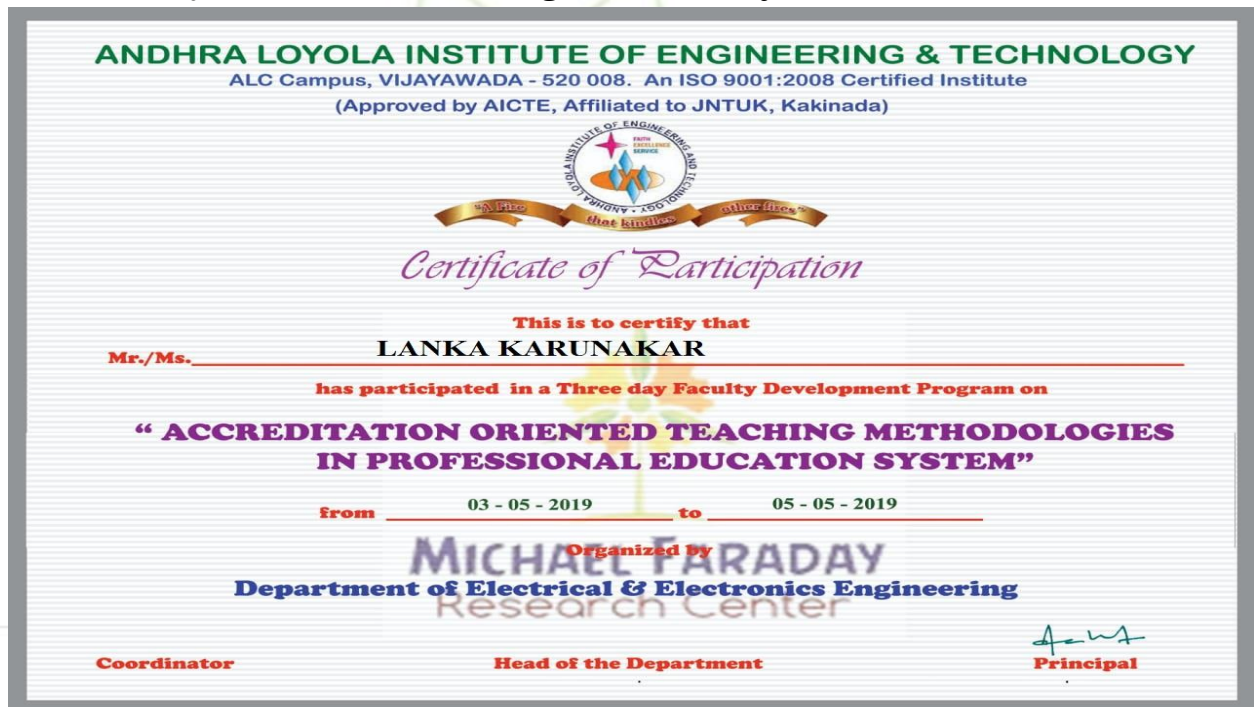
Mr. M M KARUNAKAR was participated in a three day faculty development programme on "Accreditation Oriented Teaching Methodologies in Professional Education System" at ALIET during 3rd to 5th May 2019.



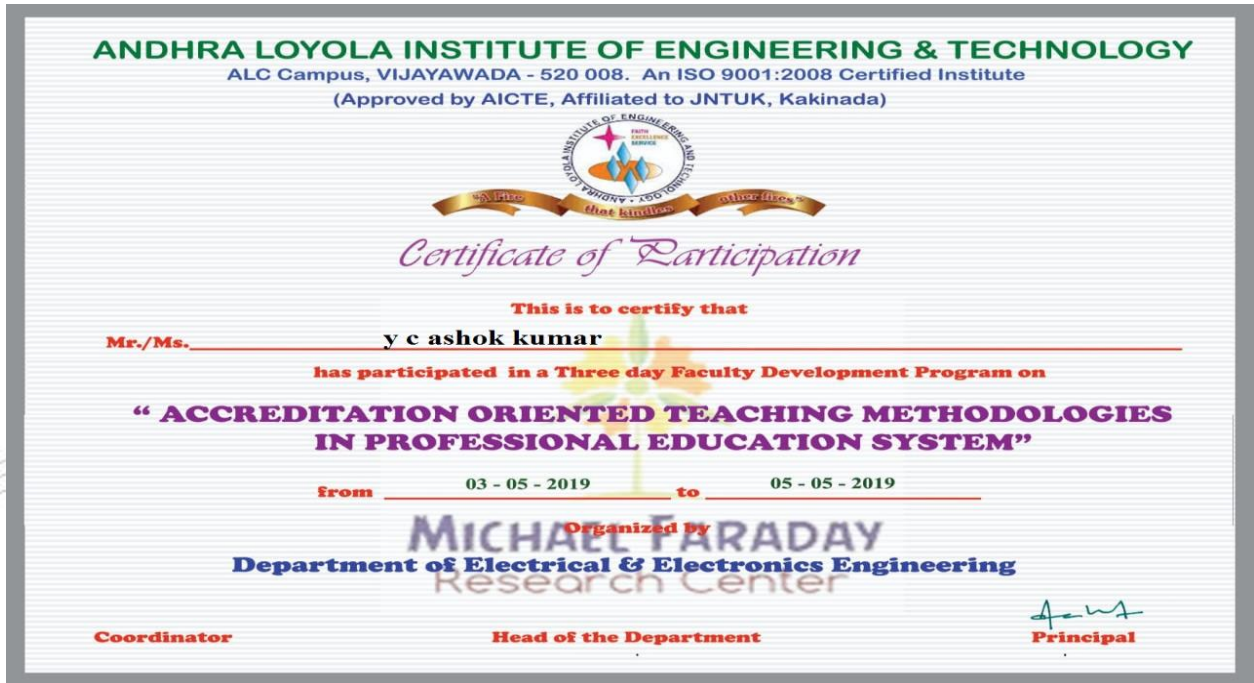
Mr. T KRISHNA MOHAN was participated in a three day faculty development programme on "Accreditation Oriented Teaching Methodologies in Professional Education System" at ALIET during 3rd to 5th May 2019.



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Dr. G NAVEEN KUMAR was participated in a three day faculty development programme on "Accreditation Oriented Teaching Methodologies in Professional Education System" at ALIET during 3rd to 5th May 2019.



- Mr. M RAMA KRISHNA attended for a two week summer faculty Development Program on **Important Engineering Subjects** at JNTU Kakinada during 2nd to 14th may 2019.



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