



**K L University**  
**Department of Electrical & Electronics Engineering**  
**INDUSTRIAL APPLICATIONS OF ELECTRICAL ENGINEERING**  
(ISTE Sponsored)  
30<sup>th</sup> September & 1<sup>st</sup> October 2016

**Workshop Report**

Department of Electrical & Electronics Engineering conducted a Two day work shop on “Industrial Applications of Electrical Engineering” on 30<sup>th</sup> September & 1<sup>st</sup> October 2016. Workshop is sponsored by ISTE chapter of K L University.

The main objective of the workshop is to create the practical exposure on electrical engineering concepts and their real time use in industries. 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year students of EEE from K L University and other institutions participated in the workshop.

Following are the Faculty and Student organizers for the workshop,

1. Mr. R B R Prakash, Assoc. Professor (Coordinator)
2. Mr. D Seshi Reddy, Assoc. professor
3. Mr. Y Srinivasa Rao, Asst. Professor
4. Mr. K P Prasad Rao, Asst. Professor

1. Mr. D Sudheer Babu, IV B.Tech
2. Mr. Ch Chandu, III B.Tech
3. Ms. A Chinmai , III B.Tech
4. Ms. S Sowmya, II B.Tech
5. Mr. Y Ramachandra Rao, II B.Tech

Experts from Industry:

1. Mr. M P Ram Kumar, Director, ReGen Power Tech Pvt. Ltd, Nellore.
2. Mr. M Ravikanth, DE (E&P), Dr. NTTPS, Ibrahimpatnam.
3. Mr. S Raju, SDE (T&P), BSNL, Vijayawada.
4. Mr. D Seshi Reddy, Professor Incharge, Electrical Wing, KLU
5. Dr. M K S Sastry, Visiting Professor, K L University

Both from UG and PG, **187** members participated in the workshop. Workshop inaugural is started at 9:30AM in the Peacock hall Dr. O Chandra Sekhar, HoD, EEE presided over the function.



*Inaugural of workshop in peacock hall*

Dr. O Chandra Sekhar, Head of the Department introduced the expert from Regen PowerTech Pvt. Ltd who acted as chief guest for the inaugural and also welcomed the participants. Dr. M Ramamoorthy, Chancellor addressed the gathering and delivered a key note lecture on the electrical engineering its growth. Dr. A Anand Kumar, Principal, KLUCE addresses the gathering and imported the need of the workshop. Mr. R B R Prakash, Coordinator of the workshop has briefly explained the scope of the workshop and how it is beneficial to the students and proposed the vote of thanks. Department professional Society Activities Incharge Mrs. B Jyothi, Dr. SVNL Lalitha, Dr. A Pandian, Dr. D Sudha Rani, Dr. Y Kusumalatha, Mr. Y Srinivasa Rao, Mr. K P Prasad Rao and other faculty members attended the inaugural function. After a tea break technical session started by Mr. M P Ram Kumar.



*Mr.M P Ram Kumar, Resource Person*

Mr. M P Ram Kumar, during his presentation (Sessions- 2 & 3 of Day-1), he explained the following topics,

1. Solar Energy Applications
2. Green House technology
3. Energy Saving Schemes
4. Domestic water harvesting system etc.

Day-1 (30<sup>th</sup> September 2016) Session-4: Mr. D Seshi Reddy



*Mr. D Seshi Reddy, Resource Person*

He explained the following topics

1. Energy Management System in KLU.
2. Online Monitoring of Energy Usage.
3. Solar & Wind Hybrid Power generation System and its Constraints.
4. Energy Saving.
5. Techniques implemented in the University etc.

Day-2 (1<sup>st</sup> October 2016) Session-1 & 2: Mr. M Ravikanth, DE (E&P), Dr. NTPPS



*Mr. M Ravikanth, Resource Person*

He explained the following topics

1. Layout Diagram of Thermal Power Plant.
2. Importance of Instrumentation in Industry.
3. Automation.
4. Problems, Identification and Troubleshooting etc.

Day-2 (1<sup>st</sup> October 2016) Session-3: Mr. P Raju, SDE (T&P), BSNL



*Mr. P Raju, Resource Person*

He explained the following topics

1. Computer interfacing.
2. Communication Systems.
3. Latest trends in Telecommunications.
4. Job opportunities in Telecommunications sectors and skill set required etc.

Day-2 (1<sup>st</sup> October 2016) Session-4: Dr. M K S Sastry, Visiting Professor, KLU

He explained the following topics

1. E-Mapping in KLU.
2. Role of Electrical Engineer in Automation etc.

Valedictory Function:



At 4:00PM Valedictory function started. Dr. M K S Sastry, Coordinators of the workshop Mr. R B R Prakash, Mr. Y Srinivasa Rao and Dr. S V N L Lalitha preceded the valedictory. Dr. M K S Sastry distributed the certificates to the participants. Feedback from the participants collected.



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