

ELECTRO VISION

JUNE-JULY 2019

Volume -6

Issue-I



CONTENTS

QUOTE:

**NO
RESISTANCE
CAN DROP
THE
POTENTIAL
OF AN
ELECTRICAL
ENGINEER**

- ❖ **SEMINARS**
- ❖ **INDUSTRIAL VISITS**

Vision

EMERGE AS QUALITY HUMAN RESOURCE PROVIDER FOR INDUSTRY AND SOCIETY IN THE FIELD OF ELECTRICAL & ELECTRONICS ENGINEERING

Mission

- Providing Quality Education through State-of-art resources.
- To develop innovative, proficient Electrical engineers.
- Promoting Ethical and moral values among the students as to make them responsible professionals for the society.

Principal's Message



Dear Parents and Students,

It is with great pleasure that I welcome you to our College (**DIET**) Newsletter. As a Principal I am hugely impressed by the commitment of the college and the staff in providing an excellent all-round education for our students with our state of the art facilities. We as a team working together, strongly promote the zeal towards academic achievement among our students. The cultural, sports and other successes of all our students and staff are also proudly celebrated together.

I congratulate the staff and students who brought latest technologies and concepts onto the day to day teaching learning platform. As long as our ideas are expressed and thoughts kindled we can be sure of learning, as everything begins with an idea.

I appreciate every student who shared the joy of participation in co-curricular and extracurricular activities along with their commitment to curriculum. That little extra we do, is the icing on the cake. 'Do more than belong – participate. Do more than care – help. Do more than believe – practice. Do more than be fair – be kind. Do more than forgive – forget. Do more than dream – work.

With a long and rewarding history of achievement in education behind us, our DIET community continues to move forward together with confidence, pride and enthusiasm.

I hope you enjoy your visit to the website and should you wish to contact us, please find details at the www.diet.ac.in/

Yours in Education,

Dr. Ravi Kadiyala

Principal

SEMINAR ON OPPURTUNITIES FOR ENGINEERS

BY → **DR.SRI RAM**

Motto of the seminar:

TO MAKE THE STUDENTS OF VARIOUS ENGINEERING FIELDS ABOUT THE “**OPPORTUNITIES AT THE FIELD OF RESEARCH**”

Highlights of the seminar:

- ✚ Students from different departments can do research in the respective field of intrest
- ✚ Some duties engineers do are the “**Analyze, Implementing, Testing,Designing,**”
- ✚ The Engineer research help in filling gap in the knowledge and development of new products while improving organisational efficienncy and growth



SEMINAR ON ROBOTICS

BY → **ASSEMTICA ROBOTICS**

- ✚ The seminar provided the information regarding
 - **What is robotics ? and how robots are becoming crucial in life.**
 - **Role of an Robotic Engineer and many more questions**

- ✚ Seminar provided about the Robotics deals with the design, construction, operation, and use of robots, as well as computer systems for their control, sensory feedback, and information processing and, How these technologies are used to develop machines that can substitute for humans and replicate human actions.
- ✚ The seminar provided the information of opportunities for the students based on the robotics and also how machine learning s going to play major role based on the Artificial Intelligence (AI)



→ Industrial visit's ←

→→→ With Aim to go beyond basics, “**INDUSTRIAL VISIT**” provides students practical perspective of work place. It provide us with a opportunity to learn practically through the interactive working methods and employment practices it helps to combine theoretical knowledge and practical knowledge

To provide the students the exposure of workplace the department has enabled the “**3rd year**” students to the **CHILLAKALLU** substation on **10/7/19**



For 4th year students the department authorized the visit to “KCP SUGAR COMPANY”

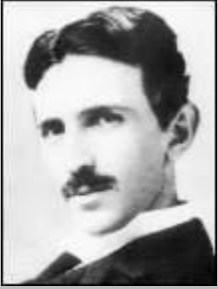
Social Activities

Not only the academics, Department of EEE students have taken part in the “NSS activities” such as the “Unnat Bharat Abhiyan –Baseline Household Line Survey” during the 3rd week of “JULY”



Unnat Bharat Abhiyan is inspired by the vision of transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an Inclusive India

Student Articles



Nikola Tesla (1856 - 1943)

“Nikola Tesla, the eccentric - and unbelievably under-rated - genius known as the ‘wild man of electronics’, was without doubt one of the greatest minds in the history of the human race.”

☺ If you want to find the secrets of universe, think in terms of energy, frequency and vibration – Nicola tesla

The forgotten invention is reborn in 2007

The idea of wireless electricity has been around since the early days of the Tesla coil. But thanks to a group of MIT scientists, "WiTricity" (as these scientists call it) is now one step closer to practical reality.

Demonstrating the ability to power a 60-watt light bulb from a power source seven feet away without wires might not seem like the most impressive of feats, but the technology behind it has massive implications for how we live our tech-filled, power-hungry lives. Imagine a day when your laptop, MP3 or player are constantly charged by power sent through the air via an electromagnetic field



PROS

- Significant decluttering of office space
- No need for meter rooms and electrical closets.
- Reduction of e-waste by eliminating the need for power cords

Need more light in your office, no need for electrician. Simply place the lamp where ever you need.



CONS

- Need for standardization and adaptation. So no overheating occurs because of different voltages.
 - Retrofitting old equipment or purchasing new equipment could become a very expensive endeavor
- possibility of “energy theft”. Wi Fi, someone can be using your internet or your power



AN ARTICLE BY

CHANDU GOPINATH

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A View to Remember:

➤ Independence Day

celebration on August 15.

Vision

➤ Emerge as Quality Human Resource Provider for Industry and Society in the field of Electrical & Electronics Engineering.

Mission

- Providing Quality Education through State-of-art resources.
- To develop innovative, proficient Electrical engineers.
- Promoting Ethical and moral values among the students as to make them responsible professionals for the society.

Program Educational Objectives

PEO1: Have strong foundation in Electrical Engineering along with mathematics, Science s and allied Engineering subjects.

PEO2: Possess good problem solving, design skills, capability to use modern engineering tools, ability to pursue higher education and research.

PEO3: Seek employment in various engineering or technological positions of their interest and continue to achieve their aspirations through lifelong learning.

PEO4: Exhibit professional and ethical attitude, effective communication skills, Teamwork and Multidisciplinary approach.

Editorial & design Team

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