

NEWS LETTER

ELECTRA

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Jan to June 2020

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Department of EEE

ELECTRA

HAVE JUST THE RIGHT SPARK

JANUARY-2020 TO JUNE-2020

VOLUME-4, ISSUE-1

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Vision

- ❖ To produce innovative, comprehensively trained, socially responsible electrical engineers and researchers of the highest quality to contribute to the nation's impacSt on the world.

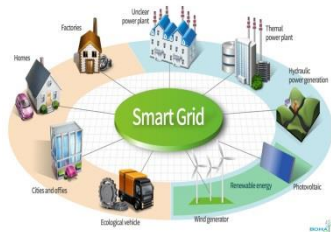
Mission

- ❖ To provide knowledge-based services and technologies to meet the needs of Society
- ❖ To help in building national capabilities for excellent energy management and to explore non-conventional energy sources
- ❖ To form a research-oriented culture and provide competent consultancy to the Industry
- ❖ To create and sustain an environment of learning in which students transform theory into practice with due consideration of ethical and economic issues
- ❖ To be accountable through self-evaluation and continuous improvement

New Trend

The Smart Grid

- ❖ The Grid" is a network of transmission lines that deliver electricity from power plants to the public. Anytime you plug something in, or turn on a light, you are utilizing the grid. The grid has been advancing in recent years and is going to continue to do so. This new grid is called a "smart" grid, which is the advancement of



the current grid, and enables technology to communicate with the network to get more details from the information. Electrical engineers will play a crucial role in transitioning into a smarter grid. For future construction projects, consider installing utilities with these smart grid technologies, as you'll be able to gather more information from them and help to transition the grid as well.

Faculty Focus

MOOC:-

49 Coursera Course was done by All the Faculty in EEE Department

FDPs Attended :-

- ❖ **Dr.P.Lakshmanan** attended STTP on "Hardware in Loop Simulation Technology in Electrical Engineering Domain" Quarbz Info Systems, Kanpur & Typhoon HIL GmbH, Switzerland, from 04-05-2020 to 09-05-2020 organized by Quarbz Info Systems, Kanpur & Typhoon HIL GmbH, Switzerland.
- ❖ **Dr.P.Lakshmanan** attended FDP on "An Insight into Revised Accreditation Framework of NAAC" from 22-06-2020 to 24-06-2020 organized by Narasaraopeta Engineering College.
- ❖ **Dr.P.Lakshmanan** attended three day FDP on "NBA Process" from 08-05-2020 to 10-05-2020 organized by Narasaraopeta Engineering College.
- ❖ **Dr.P.Lakshmanan** attended online FDP on "Electric Vehicle Technologies" from 06-05-2020 to 09-05-2020 organized by IEEE Madras Section
- ❖ **SK.MD.Shareef** attended One week National Level online faculty development program on Innovation to Academicians from 11-05-2020 to 16-05-2020 organized by Ramachandra College of Engineering, Eluru.
- ❖ **SK.MD.Shareef** attended five day National Level online faculty development program "Hardware in Loop Simulation Technology in Electrical Engineering Domain" from 04-05-2020 to 09-05-2020 organized by Quarbz Info Systems, Kanpur & Typhoon HIL GmbH, Switzerland
- ❖ **P.D.V.S.K.Kishore** attended One week online FDP on research challenges in electrical engineering(rcee-2020) from 18-03-2020 to 23-03-2020 organized by Ramachandra college of engineering, Eluru
- ❖ **P.D.V.S.K.Kishore** attended Five day workshop on Modeling, technologies and control on electrical vehicles from 25-05-2020 to 29-05-2020 organized by Academy of maritime education and training

"Power helps us to be more powerful in our powered field . It is not only Stupid thing because in our daily life we carry power in our blood . WE ARE ELECTRICAL ENGINEERS" –Sukanya Ghosh

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- ❖ **J.Sunil Babu** attended Five day workshop on Modeling, technologies and control on electrical vehicles from 25-05-2020 to 29-05-2020 organized by Academy of maritime education and training
- ❖ **J.Sunil Babu** attended three day workshop on “An insight into revised Accreditation Framework of NAAC” from 22-06-2020 to 24-06-2020 organized by IQAC Narasaraopeta Engineering College.
- ❖ **G Naga Raju** attended three day FDP on “e-Sim” from 14-05-2020 to 16-05-2020 organized by VIT Chennai in association with (ICT)IIT Bombay.
- ❖ **G Naga Raju** attended Five day FDP on “Technical Advances in Power Switching Converters for Renewable Energy Sources & Fuel cell Technology for E-Vehicles” Bapatla Engineering College, Bapatla from 01-06-2020 to 05-06-2020 organized by Dept. of EEE, Bapatla Engineering College, Bapatla.
- ❖ **M. Chandra Sekhar** attended Three day FDP on “Internet of Things (IoT) from 05-05-2020 to 07-05-2020 organized by St. Martin’s Engineering College, Hyderabad.
- ❖ **M. Chandra Sekhar** attended Five day FDP on “Design and development of Photovoltaic Modules for PV Generation from 05-05-2020 to 07-05-2020 organized by St. Martin’s Engineering College, Hyderabad.
- ❖ **B.Praveen Kumar** attended Five day FDP on “Modeling, Technologies and Control on Electrical Vehicles from 25-05-2020 to 29-05-2020 organized by Academy of maritime education and training.
- ❖ **B.Praveen Kumar** attended Five day FDP on “Five Day FDP On Universal Human Values And Professional Ethics from 13-05-2020 to 17-05-2020 organized by Chebrolu Engineering College, Chebrolu
- ❖ **G.Naveen** attended Five day FDP on “Artificial Intelligence from 22-05-2020 to 26-05-2020 organized by SVR Engineering College, Nandyal.
- ❖ **G.Naveen** attended Three day FDP on “Advanced Research Methodology from 04-06-2020 to 06-06-2020 organized by Dept of CSE, LENDI IE&T.
- ❖ **Sk.Karimulla** attended Five day FDP on “Artificial Intelligence from 22-05-2020 to 26-05-2020 organized by CBIT, Hyderabad
- ❖ **Sk.Karimulla** attended Five day FDP on “Technologies & Control on Electric Vehicle from 22-05-2020 to 26-05-2020 organized by AMET, Chennai
- ❖ **M.Subramanayam** attended Five day FDP on “Artificial Intelligence from 22-05-2020 to 26-05-2020 organized by SVR Engineering College, Nandyal.
- ❖ **M.Subramanayam** attended Three day FDP on “Advanced Research Methodology from 04-06-



2020 to 06-06-2020 organized by Dept of CSE, LENDI IE&T.

WORKSHOPS:-

- ❖ A one day guest lecture on “Design technology of Cast Resin Transformers” on 09-01-2020 for III & IV Year EEE Students. The Resource Person is Mr. K. Nagendra Kumar, Sr.Engineer in Operations, ESENNAR Transformers (P) Ltd., Hyderabad.”
- ❖ A one day Workshop on “Control Panel Designing & Field Instruments”
- ❖ A webinar on " Role of energy management professionals in industries" On 26th, May 2020.
- ❖ A webinar on “Recent trends in electrical system operation and smart grid” On 30th, May 2020.



Student Focus

More than 200 Coursera Certification course was done by all the students in the Department

Placements

- 1 Student placed in MULTIPLIER Company.
- 2 Students placed in EDUFIC Solutions.
- 2 Students placed in ISUZU (ARC) Company.
- 20 Students placed in CORPTEAM Solutions.

Alumni Voice

NEC has played a substantial role in my academic career and overall life. I got an opportunity to pursue my Electrical & Electronics Engineering in NEC and it helped me achieve my best by providing a great competitive environment with well-qualified, friendly and supportive teachers, students and staffs. From my best friends to my best memories and excellent academic career, everything is indebted to NEC. As a student, a teacher and alumni of NEC, I would like to thank the entire NEC family for providing such a wonderful educational platform for students from different corners of India.



K.Naga Deepika
Software Engg.

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EDUFIC Solutions

Student's Voice

I started my journey in this college as a Electrical & Electronics engineering student. I joined this college with lots of confusions in mind, but as the days passed I felt my decision in selecting this college was the best thing i did. I found the best people of my life which made many memories, taught many lessons, to realize the comparison between good and bad. Our HOD and teachers guided us, supported us, in spite of all the mischief we did and they stood with us for each and every step, decision we took in leading us in right way.

There are many co-curricular activities, events, fest etc. Every year we have fest "JUBALITION" and sports which was a platform to prove our talents.



M.Harika
17471A0222
IV Year