

NEWS LETTER

ELECTRA

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Department of EEE

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PEACE BE AMPLIFIED, WORLD BE RECTIFIED
JULY-2020 TO DECEMBER-2020

VOLUME-4, ISSUE-2

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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 impact 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

Energy storage and better

- ❖ While wind and solar power are excellent sources of sustainable energy, they are not always there. Therefore,

consumers can only “make hay when the sun shines.” They have to do their best to save energy from the wind, the sun, or any other renewable sources for later use.

- ❖ To meet this demand, electrical engineers all around the world are working towards better batteries and energy storage. Distributed Energy Resource (DER), grid parity, AI and sustainable energy, blockchain, and cybersecurity.
- ❖ Generally, 2020 is an exciting year for the electrical engineering landscape. Companies like Tesla, Eos, Sonnen, and Vivint Solar are some to keep an eye on for the latest innovations.

Faculty Focus

International Journals:-

- ❖ **Dr.P.Lakshmanan** “An Advanced Switched Boost Single-Input Multipleoutput (Simo) Converters” JASC: Journal of Interdisciplinary Cycle Research, page no-475 Volume XII, Issue XI, November/2020, ISSN NO: 0022-1945
- ❖ **Sk. Md. Shareef** “Harmonics and voltage quality in post fault reconfigured 7-level diode clamped Multi-level Inverters” JASC: Journal of Critical Reviews, Vol 7, ISSUE19, July-2020, ISSN-2394-5125
- ❖ **P.D.V.S.K.Kishore** “Implementation of Photovoltaic Energy Conversion system with MPPT based P & O” JASC: Journal of Critical Reviews, Vol 7, ISSUE19, and September-2020, ISSN-2394-5125.

Patents:-

SK.MD.SHAREEF ‘Smart Ringmain Distribution System, Application number & filed on 202041032227& 28/07/2020, patents on 21/08/2020.

NPTEL Course:-

SK.MD.SHAREEF done NPTEL CERTIFICATION COURSE on Enhancing Soft skills & personality, August - 2020.

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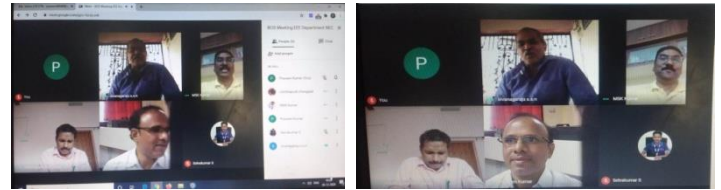
Dr.P.Lakshmanan successfully completed Training course on “For Energy Manager and Auditors Examination” from 29-06-2020 to 07-08-2020

organized by IQAC Cell and Institution Innovation council(IIC 3.0)

BOS Meeting was conducted by the Department on 26-12-2020 for framing new syllabus and Curriculum for R20 regulation.

Workshops:-

- ❖ **Dr.P.Lakshmanan** attended Five day workshop on “Power Quality Analysis of various Power Electronics” from 14-12-2020 to 18-12-2020 organized by NITTTR Chandigarh.
- ❖ **Dr.P.Lakshmanan** attended Five day workshop on “Renewable Power Generation, Control and Grid Integration RPGCGI-2020” from 04-08-2020 to 14-08-2020 organized by Department of EE, IGIT Sarang.
- ❖ **Dr.P.Lakshmanan** attended webinar on “Hybrid AC/DC Microgrid –Architecture, Operation and Control Meet.” On 02/09/2020 organized by IEEE student branch of APEC and IEEE Madras Section.
- ❖ **Sk.Karimulla** attended. STTP on “Deep learning for computer vision medical Applications.” From 30-11-2020 to 5 -12-2020 organized by CSE Dept. Narasaraopeta Engineering college.
- ❖ **P.D.V.S.K.Kishore** attended Five day FDP on “Road map for RE Grid Integration in Micro Grid and Smart Grid.” From 5-10-2020 to 09-10-2020 organized by NITTTR Chandigarh.
- ❖ **G.Naveen** attended One week FDP on”Digital -Teaching Techniques” from 07-12-2020 to 12-12-2020 organized by ICT Academy.
- ❖ **G.Naveen** attended STTP on “Automation and Intelligent control of Electrical Systems Phase-III” from 16-11-2020 to 21-11-2020 organized by Dept .of EEE. Gudlavalleru Engg. College.
- ❖ **J.Sunil Babu** attended STTP sponsored by AICTE on “IOT Application development using Python (Smart City) from 14-09-2020 to 19-09-2020 organized by Department of ECE, Narasaraopeta Engg. College.
- ❖ **J.Sunil Babu** attended webinar on “Implementation of National Education Policy-2020” on 13-11-2020



Student Focus:-

Placements

3 students were placed in SAVANTIS Solutions.
3 Students were placed in TVS SUNDARAM
1 student was placed in TCS

For Final Year EEE Students BYTEXTL solutions conducted Campus Recruitment Training for TCS, DXC and Wipro.
For III Year Students General CRT Is conducted.

Alumni Voice

Life is about making choice. I consider myself extremely fortunate that I made the choice to study at NEC and tutored by professional who not only taught by the book but also shred real world experiences. NEC has always encourage innovation, and innovation alone has played an integral role in the establishment and growth of my career. This institution has nurtured me into become who I am today and I hope it continue to produce more leaders, innovators and change agents in the days ahead.



N.Pavan Kumar
Software Engg.
EDIFIC Solutions

“Life if ‘EEE’ ---Yesterday was Experience, Today is Experiment, Tomorrow will be Expectation . So use your Experience in Experiment to achieve your Expectation.”---Shasmitha Shasy

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Student's Voice

Our college has fabulous infrastructure. It has biggest lecture theatre for our lecture classes, big and clean labs, computer center, library and clean and a hostel rooms. Mess Quality of teaching is superior. We have experienced and dedicated group of professors. Their experience may help you to learn more about industrial relevance of the subjects.



S.Akhil
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