

# **NEWS LETTER** **ELECTRA**

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Assistant Professor

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**Jan to June 2021**  
**Volume - 5, Issue - 1**

### Editorial Board

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5. Kotari Venkatesh (IV EEE)
6. Marikanti Yamini (IV EEE)

### Vision

- ❖ To impart student centric education in the field of Electrical and Electronics Engineering to transform the individuals into competent engineers with a focus on research and ethics.

### Mission

- ❖ To provide knowledge based technology and infrastructure to meet the needs of industry and society.
- ❖ To assimilate innovation and research oriented culture to make successful professionals and entrepreneurs.
- ❖ To encourage lifelong learning with ethics among the students so as to make them as responsible individuals.

### New Trend

#### Wireless Wearable Tech

- ❖ Last year, at the recent Apple event, Tim Cook shared a couple of videos he had received from several apple watch users. These customers appreciated how the apple watch had detected their health conditions (such as Atrial Fibrillation) and encouraged them to visit a doctor—ultimately saving their lives.



- ❖ Well, this is the same case with wearables in electrical engineering: they are literally lifesavers as well. An excellent example is Proxxi bracelets for electrical engineers with a sensor that vibrates if it gets too close to high-voltage electricity. SolePower also developed boots that are built with temperature sensing, lighting, cloud connectivity, and GPS to provide a warning for overheating, proximity to danger, and falls.
- ❖ Furthermore, wearable devices are being developed to authenticate access to electrical machinery, provide communications information without the use of mobile phones. This significantly improves the overall safety of electrical engineers.

### Faculty Focus

#### FDPs Attended:-

- ❖ Dr.P.Lakshmanan attended A Five day Virtual STTP on “Modern Power System Optimization:Techniques, Tools and Applications(MPSOTTA) NIT, Tiruchirapalli 03-

**VOLUME-5, ISSUE-1**

- 05-2021 to 07-05-2021 organized by Dept. of EEE  
NIT, Tiruchirapalli
- ❖ Dr.P.Lakshmanan attended One day Virtual STTP on “Smart Grid Using Smart meters and Smart Phone The Institution of Engineers(India) Virtual 18-04-2021 organized by The Institution of Engineers(India) Electrical Engineering Division
  - ❖ **Sunil Babu Jyothi** attended One week STTP (STTP-Phase-I) on “Simulation Tools for Electrical Engineering & its real time applications” KHIT,Guntur(Virtual) 17-05-2021 to 22-05-2021organized by Department of EEE KHIT,Guntur
  - ❖ **Sunil Babu Jyothi** attended One week fdp on Applications of Soft Computing in Electrical Engineering Bapatla Engineering College 15-03-2021 To 20-03-2021 organized by Department of EEE , Bapatla Engineering College, Bapatla.
  - ❖ **G.Naga Raju** attended One week fdp on Applications of Soft Computing in Electrical Engineering Bapatla Engineering College 15-03-2021 To 20-03-2021 organized by Department of EEE , Bapatla Engineering College, Bapatla
  - ❖ **M. Chandra Sekhar** attended One day work shop on “AI Application using **IBM** Cloud” Chalapathi Institute of Engineering & Technology (Virtual) 09-06-2021organized by Department of CSE in collaboration with IBM India Pvt.Ltd CIET,Guntur
  - ❖ **M. Chandra Sekhar** attended Five day work shop on “Advances in Robotics & AI & Industry 4.0 Coimbatore Institute of Technology 16-03-2021 To 20-03-2021 organized by Dept. of EEE, Coimbatore Institute Of Technology
  - ❖ **B.Praveen Kumar** attended Five day online FDP on “Recent Advances in Electrical Energy Management, Control & Automation LBRCE, JNTUK 08-06-2021 To 12-06-2021 organized by Department of EEE LBRCE,Mylavaram
  - ❖ **B.Praveen Kumar** attended One day work shop on “AI Application using **IBM** Cloud” Chalapathi Institute of Engineering & Technology (Virtual) 09-06-2021organized by Department of CSE in collaboration with IBM India Pvt.Ltd CIET,Guntur
  - ❖ **B.Praveen Kumar** attended Two day online FDP on “Research Opportunites in Electrical Engineering” KHIT,Guntur(Virtual) 20-05-2021 to 21-05-2021organized by Department of EEE KHIT,Guntur
  - ❖ **B.Praveen Kumar** attended One week STTP (STTP-Phase-I) on “Simulation Tools for Electrical Engineering & its real time applications” KHIT,Guntur(Virtual) 17-05-2021 to 22-05-2021 organized by Department of EEE KHIT,Guntur
  - ❖ **G.Naveen** attended One day work shop on “AI Application using **IBM** Cloud” Chalapathi Institute of Engineering & Technology (Virtual) 09-06-2021organized by Department of CSE in collaboration with IBM India Pvt.Ltd CIET,Guntur
  - ❖ **G.Naveen** attended One day Guest Lecture on “Guest lecture on “Solid State Drives” ” MOHAMED SATHAK AJ college of Engineering, Chennai (Virtual) 29-05-2021 organized Dept.of EEE MOHAMED SATHAK AJ college of Engineering, Chennai
  - ❖ **G.Naveen** attended One week STTP (STTP-Phase-I) on “Simulation Tools for Electrical Engineering & its real time applications” KHIT,Guntur(Virtual) 17-05-2021 to 22-05-2021organized by Department of EEE KHIT,Guntur
  - ❖ **G.Naveen** attended Five Day online FDP on “Tomorrows Teaching,Researchand Learning in Engineering & Management Academics” Sri Sai Institute of Technology and Science, Rayachoti 11-05-2021 to 15-05-2021 organized by Sri Sai Institute of Technology and Science, Rayachoti
  - ❖ **G.Naveen** attended Five Day online FDP on “AICTE Sponsored STTP on “Automation and Intelligent Control Of Electrical Systems-Phase-IV ” Gudlavalluru Engineering College,Gudlavalluru 15-03-2021 to 20-03-



**VOLUME-5, ISSUE-1**

2021 organized by Dept of EEE Gudlavaluru Engineering College.

by IQAC & IIC Narasaraopeta Engineering College, Narasaraopet.

- ❖ **M.Subramanayam** attended A 3 day National work shop on “NAAC Assessment and Accreditation:A Step by Step Procedure” Chadalawada Ramanamma Engineering College 27-05-2021 to 29-05-2021 organized by Chadalawada Ramanamma Engineering College Tirupati.
- ❖ **M.Subramanayam** attended Five Day online FDP on “ AICTE Sponsored STTP on “Automation and Intelligent Control Of Electrical Systems-Phase-IV ” Gudlavaluru Engineering College,Gudlavaluru 15-03-2021 to 20-03-2021 organized by Dept of EEE Gudlavaluru Engineering College
- ❖ **Sk.Md.Shareef** attended One Day Webinar on “ Smart Grid Technologies ” PACE (Virtual), Ongole 12-06-2021 organized by Dept.of EEE,PACE,Ongole.
- ❖ **P.D.V.S.K.Kishore** attended One Day Webinar on “ Smart Grid Technologies ” PACE (Virtual), Ongole 12-06-2021 organized by Dept.of EEE,PACE,Ongole
- ❖ **J.Sunil Babu** attended One Day Webinar on DCS & PLC Systems” Mandsaur University (Virtual) 21-05-2021 organized Dept.of EEE, Mandsaur University
- ❖ **J.Sunil Babu** attended One Day Webinar on “National Educational Policy -2020 Implementation & Implications in Higher Education” Narasaraopeta Engineering College Narasaraopet 17-04-2021organized by IQAC & IIC Narasaraopeta Engineering College, Narasaraopet.
- ❖ **J.Sunil Babu** attended One Day Webinar on “ Smart Grid Technologies ” PACE (Virtual), Ongole 12-06-2021 organized by Dept.of EEE,PACE,Ongole
- ❖ **G.Nagaraju** attended One Day Webinar on “ Smart Grid Technologies ” PACE (Virtual), Ongole 12-06-2021 organized by Dept.of EEE,PACE,Ongole
- ❖ **M.Chandrasekhar** attended One Day Webinar on “National Educational Policy -2020 Implementation & Implications in Higher Education” Narasaraopeta Engineering College Narasaraopet 17-04-2021organized
- ❖ **Sk.Karimulla** attended One Day Webinar on “ Smart Grid Technologies ” PACE (Virtual), Ongole 12-06-2021 organized by Dept.of EEE,PACE,Ongole
- ❖ **Sk.Karimulla** attended One Day Webinar on “National Educational Policy -2020 Implementation & Implications in Higher Education” Narasaraopeta Engineering College Narasaraopet 17-04-2021organized by IQAC & IIC Narasaraopeta Engineering College, Narasaraopet.
- ❖ **B.Praveen Kumar** attended One Day Webinar on “ Smart Grid Technologies ” PACE (Virtual), Ongole 12-06-2021 organized by Dept.of EEE,PACE,Ongole
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**VOLUME-5, ISSUE-1**

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**WORKSHOPS:-**

- ❖ A 6-day Workshop on “Internet of Things Fundamentals & Advanced” in Association with APSSDC-SIEMENS from 1/02/2021 to 6/02/2021



**IOT WORKSHOP**

- ❖ A 5-day Workshop & Practical Training Program on “Power Electronics Drives & Automation” in Association with Power Integrated Solutions, Tiruchunapalli from 26/04/2021 to 30/04/2021. Resource person is Mr M.Madhan Kumar



**TRAINING PROGRAM**

- ❖ A Technical Paper Presentation contest conducted on 18-06-2021 for II & III B.Tech students organized Department of EEE, NEC, Narasaraopet in associated with ISTE Student Chapter.



**TECHNICAL PAPER PRESENTATION**

## **ELECTRA**

### **DEPARTMENT OF EEE**

NO RESISTANCE CAN DROP OUR POTENTIAL

JANUARY-2021 TO JUNE-2021

#### **VOLUME-5, ISSUE-1**

- ❖ A One Day Webinar on “Advances in Energy Storage Devices for Electric Vehicle ” on 10/06/2021 conducted by Department of EEE , NEC Narasaraopet. Resource Person Mr.Ujjval Bvyas Research Scholar SVNIT, Surat.



- ❖ **G.Sri Hari 19475A0211** attended one day Webinar “ Hybrid Electric Technology- Basics” organized by Toyota Kirloskar Motor Pvt.Ltd
- ❖ **P.Rama Krishna 19475A0240** attended one day Webinar “ Hybrid Electric Technology- Basics” organized by Toyota Kirloskar Motor Pvt.Ltd
- ❖ **K.Uma Devi 19475A022** attended one day Webinar “ Hybrid Electric Technology- Basics” organized by Toyota Kirloskar Motor Pvt.Ltd
- ❖ **K.Uma Devi 19475A022** attended one day Webinar “ Hybrid Electric Technology- Basics” organized by Toyota Kirloskar Motor Pvt.Ltd
- ❖ **B.Mythili 20475A0251** attended one day International Webinar on “ Controlling Megawatts with Power Electronics” at New Horizon college of Engineering (VIRTUAL) ,on 11/06/2021 organized by Department of EEE, New Horizon College of Engineering , Bengaluru in Association with IEEE PELS Students Branch Chapter of NHCE.

#### **Student Focus**

- ❖ **M.Maheswari 18471A0226** attended one day Webinar “Hybrid Electric Technology- Basics” organized by Toyota Kirloskar Motor Pvt.Ltd.
- ❖ **Sk,Sharukh 19475A0245** attended one day Webinar “ Hybrid Electric Technology- Basics” organized by Toyota Kirloskar Motor Pvt.Ltd.
- ❖ **P.John Asish 19475A0202** attended one day Webinar “ Hybrid Electric Technology- Basics” organized by Toyota Kirloskar Motor Pvt.Ltd
- ❖ **K.Srihari 19475A0225** attended one day Webinar “ Hybrid Electric Technology- Basics” organized by Toyota Kirloskar Motor Pvt.Ltd
- ❖ **D.Syam Kumar 19475A0219** attended one day Webinar “ Hybrid Electric Technology- Basics” organized by Toyota Kirloskar Motor Pvt.Ltd
- ❖ **P.V.Naga Charan 19475A0208** attended one day Webinar “ Hybrid Electric Technology- Basics” organized by Toyota Kirloskar Motor Pvt.Ltd
- ❖ **B.Mythili 20475A0251** participated in Electrical Engineering Online Quiz on 14/06/2021 organized by NinthSem.
- ❖ **B.Mythili 20475A0251** participated in Electronics e-Quiz on 13/06/2021 organized by Proudhavevaraya Institute of Technology, Belgavi
- ❖ **B.V Sumanth 20475A0267** participated in online Quiz Basic Electrical Engineering Concepts organized by Sinhgad Institute of Technology, Lonavala
- ❖ **M.Madhavi 18475A0201** Participated in Webinar conducted by Enterpreneurship cell IIT Kanpur.

#### **Placements**

- 3 Students are selected in SAVANTIS solutions with a Package of 3 LPA
- 1 Students are selected in TCS with a Package of 3.6 LPA
- 1 Students are selected in Renault Nissan with a Package of 2.2 LPA

*MY CREATIVE JUCIES ARE FLOWING LIKE A ELECTRIC CURRENT..... M S KNOWLEDGE*

**VOLUME-5, ISSUE-1**

- 3 Students are selected in ACCUNTURE solutions with a Package of 3.2 LPA

**Alumni Voice**

Life in NEC was nothing less than a roller coaster ride, full of ups and downs one can imagine. But throughout the journey I have learned a lot. It have provided me with some great opportunities which helped me improve myself in every aspect as a student, as a senior, as a friend, as a sportsperson, as a leader and most importantly as a professional. Experience in NEC have helped me sharpen my skills in my field of choice by providing fully equipped labs where I could practice and learn. Apart from this being a part of student panel helped me improve my managing skills along with technical. In all I had a great learning experience and have learnt some very important lessons in life which will help me to grow in future as well.



D.Ramesh  
Assistant Engineer.  
Infinite Computer Solutions

**Student's Voice**

NEC provided me with the most exciting opportunity to learn and innovate many ways to explore the management education. It played a key role in the development of my skills and business excellence. The motivation from the faculty helped me in choosing a right path in my career. NEC helped me in building Technical knowledge, broadened perspective and also built my strengths from a formal person to a leader



K.Naga Deepthi  
17471A0218  
IV Year