

NEWS LETTER
ELECTRA

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Department of EEE

ELECTRA

DO RIGHT, SAVE LIGHT

JULY-2017 TO DECEMBER-2017

VOLUME-1, ISSUE-2

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Vision

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

Mission

- ❖ To provide knowledge based technology and Service to meet the needs of society globally.
- ❖ To help in building national capabilities for excellent energy management and to explore non-conventional energy sources.
- ❖ To create research oriented culture and to provide competent consultancy.
- ❖ To create and sustain environment of learning in which students acquire knowledge and learn to apply it professionally with due consideration of ethical and economic issues.
- ❖ To be accountable through self-evaluation and continuous improvement.

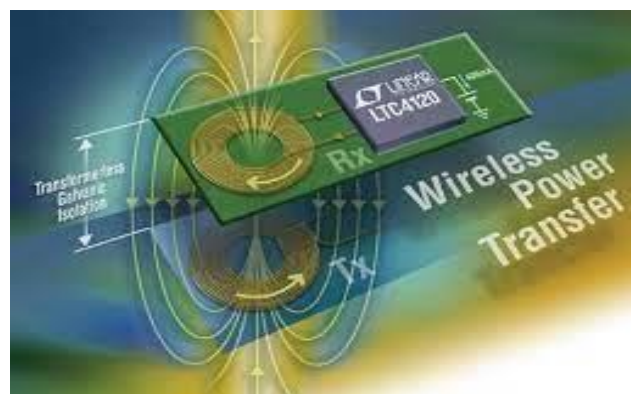
New Trend

Wireless Transfer of Electricity

- ❖ The wireless transfer of electricity was invented in the USA at the Massachusetts Institute of Technology. Behind this

invention were Professor Marin Soljacic and his team. This technology allows electricity to be transmitted over distances through the air, wood, granite, plastic and grass. Although still in its primitive stages, a lot of its application has been seen in 2020.

Most electronic companies could leverage wireless transfer of electricity in making wireless charging devices for smartphones, laptops, and earphones. Car manufacturers, including Toyota, thoratec, and Intel, also licensed this technology in their electric vehicles & wearable devices.



The application of wireless power transfer is expected to progress even further in 2021. Finally, we might be able to totally get rid of the power cables that people use daily. Even though it may not be all of them in 2021, the near future promises fascinating advancements.

Faculty Focus

International Journals

- ❖ **Mr. G.Naveen** has presented a paper on “**The Effect of Non Reconnecting Distributed Generation on Islanding and the Cost of Energy Not Supplied**”

KNOW WHAT SPARKS THE LIGHT IN YOU. THEN USE THAT LIGHT TO ILLUMINATE THE WORLD.

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- in Active Distribution Networks” in International Journal of advance research in science and Engineering, Volume-6, Issue-8, Aug- 2017.
- ❖ **Mr. G.Naveen** published a paper on “The effect of non-reconnecting DG on Islanding & the cost of energy Not supplied in Active Distribution Networks” in International Journal of Advance Research in science and Engineering. Vol.No-6, Issue No-08, August 2017.
 - ❖ **Mrs. P.Prasanna Lakshmi** published a paper on “The effect of non-reconnecting DG on Islanding & the cost of energy Not supplied in Active Distribution Networks” in International Journal of Advance Research in science and Engineering. Vol.No-6, Issue No-08, August 2017.
 - ❖ **Mr.J.Sunil Babu** attended FDP on “Curriculum Development through ICT” during 04-12-17 to 08-12-17, organized by Curriculum Development center.
 - ❖ **Mr.J.Sunil Babu** attended FDP on “Power System Design and Analysis” held on 13-10-17, organized by DELLSOFT Technologies.
 - ❖ **Mr.T.Nagaraju** attended FDP on “New Frontiers in Multiscale Modeling of Advanced Materials” during 10-11-17 to 25-11-17, organized by Dept.MECH. NEC, NRT.
 - ❖ **Mr.M.Chandra Sekhar** attended FDP on “Power Electronics for Renewable Energy Systems-Present trends & Future Scope, PERES-2017” during 13-11-17 to 25-11-17, organized by Dept. EEE CBIT, Hyderabad.
 - ❖ **Mr.B.Praveen Kumar** attended FDP on “Power System Design and Analysis” held on 13-10-17, organized by DELLSOFT Technologies.
 - ❖ **Mr. P.Ravi Kumar** attended a seminar on “Digital Education Summit Vijayawada, Gateway Hotel” held on 15-09-17, organized by APSSDC.
- FDP’s Attended:-**
- ❖ **Dr.P.Lakshmanan** attended FDP on “Curriculum Development through ICT” during 04-12-17 to 08-12-17, organized by Curriculum Development center.
 - ❖ **Mr.SK.MD. Shareef** attended FDP on “Real time control of solar Invertors using DSPACE & DSP” during 13-11-17 to 15-11-17, organized by Dept. EEE KKR & KSR Institute of Technology& Sciences.
- Organized Programs:-**
- ❖ The department of EEE organized A Three day Hands on Experiment program on “Basic Simulink & MATLAB Tools” held on 23-01-2017 to 25-01-2017

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Dr.M.Ramash Kumar, Professor in Dept. of EEE,
Pondichery, University, Pondichery.

- ❖ The department of EEE organized A One day seminar on “**Significance of Industrial Automation in Manufacturing Industry**” held on 07-02-2017 by the Resource person Sri Kapil Dev Sales Engineer, AGIIT, Chennai.
- ❖ The department of EEE organized A Five Day Training program on “**PLC**” held on 13-02-2017 to 17-02-2017 by the Resource person Sri. Vignesh.R, Technical Lead, AGIIT,

Student Focus

Students Achievements:-

- ❖ **P.N.V.D.PAVAN KUMAR** Participated in Paper Presentation during 21-12-2017 to 23-12-2017 organized by AMR Fest Ignited Minds-2K17, AM Reddy Engineering College, Narasaraopet.
- ❖ **SK.MD.RAFI** Participated in Group Dance during 21-12-2017 to 23-12-2017 organized by AMR Fest Ignited Minds-2K17, AM Reddy Engineering College, Narasaraopet.
- ❖ **K.SRIKANTH** Participated in Paper Presentation during 21-12-2017 to 23-12-2017 organized by AMR Fest Ignited Minds-2K17, AM Reddy Engineering College, Narasaraopet.
- ❖ **M.HARIKA, K.MANASA & D.SIVA KUMAR** Participated in APP MANIA Workshop held on 25-10-

2017 to 28-10-2017 organized by APSSDC, Narasaraopeta Engineering College, NRT.

- ❖ **A.N.V.D. TARUN, K.VENKATESH & S.SAIRAM** Participated in APP MANIA Workshop held on 25-10-2017 to 28-10-2017 organized by APSSDC, Narasaraopeta Engineering College, NRT.

Academic Toppers:-

- ❖ The following students are secured with highest marks in their respective semester results.



NARASARAOPETA ENGINEERING COLLEGE, NARASARAOPET DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING					
I B.Tech. II Semester, EEE Toppers List (2017 Batch)					
					
K. NAGA DEEPTHI 17471A0219 8.79	K. RAJ KUMAR 17471A0205 8.75	M. HARIKA 17471A0222 8.67	R. SATISH BABU 17471A0219 8.50	G. YASHWANTH KRISHNA 17471A0224 8.42	
					
P. JOHNLUC 17471A0202 8.29	A. POORNACHANDRARA 17471A0210 8.12	J. HARI TEJA 17471A0209 8.08	T. TEJASWANI 17471A0228 8.08	K. SAILAJA 17471A0207 8.00	A. DURGA TARUN 17471A0217 7.75

I B.TECH I-SEM



NARASARAOPETA ENGINEERING COLLEGE, NARASARAOPET DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING					
II B.Tech. II Semester, EEE Toppers List (2016 Batch)					
					
K.SAGAR SAILAJA 1745A0205 9.45	D. SAI KUMAR 16471A0203 8.91	J. RATNA BABU 17475A0203 8.77	V. TIRUPATI RAJU 17475A0216 8.32	M. MAHESH 16471A0205 8.23	P. SAI KUMAR 17475A0212 7.77
					
K. LAKSHMAN 17475A0226 7.77	B.V. SUBBARAO 17475A0204 7.64	T. CHANDRA SEKHAR 17475A0220 7.64	M. CHANDRA SEKHAR 16471A0206 7.55	D. RAMESH 17475A0217 7.50	P. SIVA RAJ KUMAR 17475A0202 7.45

II B.TECH I-SEM

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faculty members has helped me in qualifying the competitive exams at national level. I thank the management of the college for providing necessary materials and books in the library to face the competitive world.



T. BALAKONDAIAH

Assistant Engineer

Student's Voice:-

I acknowledge that my knowledge has been enriched due to my association with our department. Knowledge transformation programs (guest lecture, workshops & skill development program) conducted to the students is really helpful to face global competition.



P. VENKATESH

15471A0206

II EEE

NARASARAOPETA ENGINEERING COLLEGE, NARASARAOPETA				
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING				
III B.Tech. II Semester, EEE Toppers List (2015 Batch)				
				
K. NAGA REVATHI 15471A0225 80%	N. JYOTHI 15471A0238 78%	K. PAVAN KUMAR 15471A0213 78%	D. MAHESH 16475A0225 73%	CH. BHAGYARAJU 16475A0231 73%
				
K. YESU RATHNAM 15475A0233 72%	T. RAMA ASUTHOSH 16475A0217 71%	U. JEEVAN SAI 15471A0219 70%	G. LAKSHMI PRIYANKA 15471A0209 70%	R. GOPI 15471A0202 69%

III B.TECH I-SEM

NARASARAOPETA ENGINEERING COLLEGE, NARASARAOPETA					
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING					
IV B.Tech. II Semester, EEE Toppers List (2014 Batch)					
					
P. VENKATESH 15475A0217 84.50%	D. MD. SALEEM 14471A0206 81.83%	K. NAVEEN KUMAR 14471A0203 81.50%	R. PREMA NAGINI 14471A0205 81.50%	G. SURENDRA 15475A0210 78.83%	
					
B. RAVI TEJA 15475A0213 78.33%	Y. SIVA PRASAD 15475A0206 78.17%	N. VENKATARAO 15475A0214 76.83%	SK. A. MUKHTADIR 14471A0204 76.50%	Y. SAMPATH KUMAR 15475A0203 76.83%	K. BHARATH KUMAR 15475A0209 75.67%

IV B.TECH I-SEM

Alumni Voice:-

I feel fortunate to be a student of Narasaraopeta Engineering College as it helped me to both on personal and professional front. It inculcated a lot of intra and interpersonal skills which helped me in all around development. Teaching by the senior faculty and the field exposure in my college life has helped me a lot in securing a good job. Personal care towards me by the