



ELEKTRA NEWS LETTER

DEPARTMENT OF EEE
ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND
SCIENCES::RAJAMPET (AN
AUTONOMOUS INSTITUTION),
KADAPA DIST., A.P.516126

VOLUME: 10

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ISSUE NO:2

FACULTY ACHIEVEMENTS

JOURNALS

Name of the Author(s)	Title of the paper	Name of the Journal	Vol, Iss No.	Page Numbers	ISSN
Dr. Pasala Gopi	Novel approach to stability analysis of DC drive with parameter uncertainty and perturbation in feedback system	COMPEL - The international journal for computation and mathematics in electrical and electronic engineering	0332-1649
S. Sarada, N. Ravishankar Reddy	Comparative Switching and Conduction Loss Analysis of a SVPWM and DPWM based DTC of OEW Induction motor drive	International Journal of Renewable Energy Research- IJRER	12,4	1955-1965	1309-0127
Syed Rubeena Bi, R.Chandrika, D.Madhusree ,O.Manoj Kumar M.Gnaneswara Reddy	Hybrid Energy Management-Based Intelligent Non-Integer Control For Smart Dc-Microgrid Of Smart University	Journal of Engineering Sciences	13,5	199-205	0377-9254
S Vairachilai, Ali Bostani, Abolfazl Mehbodniya, Julian L Webber, O Hemakesavulu, P Vijayakumar	Body Sensor 5 G Networks Utilising Deep Learning Architectures for Emotion Detection Based On EEG Signal Processing	Optik			0030-4026

Rituraj Jain, M Kalyan Chakravarthi, PK Kumar, O Hemakesavulu, Edwin Ramirez- Asis, Guillermo Pelaez-Diaz, R Mahaveerakannan	Internet of Things- based smart vehicles design of bio-inspired algorithms using artificial intelligence charging system	Nonlinear Engineering	11,1	582-589	2192- 8029
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FDPs / NPTEL

FDPs					
B.Murali Mohan	MATLAB and SIMULINK basics for Hardware Projects	01-08-2022 To 05-08-2022	National Institute of Technical Teachers Training and Research Chandigarh		
C.Ganesh					
D.Sai Krishna Kanth					
Dr.J.Sreeranganayakulu					
Dr.K.Dhananjaya Babu					
Dr.O.Hemakesavulu					
Dr.P.Gopi					
K.Harinath Reddy					
K.Vijaya Bhaskar					
L.Baya Reddy					
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M.Ramesh					
M.Sai Sandeep					
M.Swathi					
M.Swetha					
N.Sreeramula Reddy					
P.Ravindra Prasad					
P.Suresh Babu					
S.Sarada					
SK.Muqthiar Ali					
Syed Rubeena Bi					
T.Arun Kumar					
Dr.R.Shankar					
Dr.Y.Prakash					
Dr.K.Prakasam					
A.Hima Bindu	Smart Grid and Renewable Energy Sources	29-08-2022 To 02-09-2022	National Institute of Technical Teachers Training and Research Chandigarh		
C.Ganesh					
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Dr.J.Sreeranganayakulu					
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N.Sreeramula Reddy			
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SK.Muqthiar Ali			
T.Arun Kumar			
A.Hima Bindu	Tools for Engineering Research	19-09-2022 To 23-09-2022	National Institute of Technical Teachers Training and Research Chandigarh
C.Ganesh			
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Dr.J.Sreeranganayakulu			
Dr.K.Dhananjaya Babu			
Dr.O.Hemakesavulu			
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L.Baya Reddy			
M.Ramesh			
N.Sreeramula Reddy			
P.Suresh Babu			
S.Sarada			
Dr.M.Padma Lalitha	Real Time Applications of Opal-RT for Smart Grids	17-10-2022 To 21-10-2022	Vellore Institute of Technology Chennai
R.Madhan Mohan	Hybrid Electric Vehicles	21-11-2022 To 25-11-2022	V R Siddhartha Engineering College Vijayawada
A.Hima Bindu	Applications of Graph Theory and AI in Distribution Feeder Management	28-11-2022 To 02-12-2022	QIS CET Ongole
Dr.M.Padma Lalitha			
Dr.O.Hemakesavulu	Recent Advancements in Power Systems	28-11-2022 To 03-12-2022	GIET Rajahmundry
M.Swetha			
A.Hima Bindu	Research Scope in Electric Vehicles (In collaboration with ANSYS)	05-12-2022 To 09-12-2022	National Institute of Technical Teachers Training and Research Chandigarh
C.Ganesh			
D.Sai Krishna Kanth			
Dr.K.Dhananjaya Babu			
Dr.S.Suresh			
K.Harinath Reddy			
K.Vijaya Bhaskar			
M.Ramesh			
M.Swathi			

NPTEL			
Dr.P.Gopi	Introduction to Industry 4.0 and Industrial Internet of Things	10-07-2022 To 10-10-2022	NPTEL-AICTE New Delhi
Dr.P.Gopi	Introduction to Industry 4.0 and Industrial Internet of Things	10-07-2022 To 10-10-2022	Indian Institute of Technology Kharagpur
A.Hima Bindu	Intellectual Property Rights and Competition Laws	22-08-2022 To 14-10-2022	Indian Institute of Technology Kharagpur
A.Hima Bindu	Research and Publication Ethics	01-09-2022 To 01-12-2022	Indira Gandhi National Open University New Delhi

WORKSHOPS

Real Time Application in Machine Learning using Python	Cubit Tech Services,144/6, Vellar Street, Ambattur Industrial Estate, Chennai	25-10-2022 to 31-10-2022
PCB FABRICATION	MagaritaTech, New Delhi	05-12-2022 to 01-02-2023

GUEST LECTURES

Dr. Rohini Kumar ,Associate professor, NIT Calicut delivered guest lecture on “ Renewable energy sources-Benefit and challenges ” on 12-11-2022
Dr. Vivekananda Mukherjee , Associate professor, IIT Dhanbad delivered guest lecture on “ Day Ahead demand side Management using SCM ” on 18-10-2022
Dr. S. Albert Alexander , Professor, Kongu Engineering College, Erode delivered guest lecture on “ Power Electronic Converters In Micro Grid Applications ” on 08-08-2022
Dr. D. Thukaram , Rtd. Professor , IISC, Bangalore delivered guest lecture on “ Recent trends in Renewable energy ” on 28-07-2022

EEE ASSOCIATION

S.No.	Event Name	Winners
1	JAM (JUST A MINUTE)	A VENKATA SAI PRAKASH (20705A0226) D NAVYA SRI - (21701A0283)
2	FUN EVENT-1 (OUTBOUND FLY BALL – OBFB)	M AHAMAD BASHA - (21701A0201) M AHAMAD SYED - (21701A0202) N ARUN SAI - (21701A0209) R CHAITHANYA - (21701A0218)
3	MATHS PUZZLE	K VENKATA RAMANA NAIK - (22701A0259) B ANKITHA SRAVANI - (21701A0206) R VISHNU VARDHAN - (21701A02F2)
4	JAM (JUST A MINUTE - TELUGU)	M SWETHA - (21701A02D7)
5	RIDDLES	P CHANDRIKA - (21701A0221) K SREELATHA - (21701A02C1) B VISHNUVARDHAN - (21701A02F2) A SANTHOSH REDDY - (21701A02B2)
6	FUN EVENT -2 (MOVING CUP WITH BALLON BLOW)	M SUMANTH - (21701A02D2) A GANGOTHRI - (21705A0208)
7	TECHNICAL EXTEMPORE	Y SREEYA - (21701A02C3)
8	GENERAL QUIZ-1	S THRISHA - (21701A02E0) C THEJASWINI - (21701A0209) K SUJITHA - (21701A02D1) K SAI TEJASWINI - (21701A02B1) Y SREEYA - (21701A02C3) K SUDEEPTHI - (21701A02C8)
		L VISHNUVARDHAN - (21701A02F5) B VISHNUVARDHAN - (21701A02F2) S YASWANTH - (21701A02F6) K P SAIDASARATH - (21701A02B0)

ELOCUTION

Date	Topic	Winners
15.07.2022	SUSTAINABLE AGRICULTURE AND AI RESPONSES	G.BINDHU JYOTHSNA 20701A0211 II-EEE SEC-A
14.10.2022	BRAIN DRAIN –HOW YOU JUSTIFY	K.SAI TEJESWINI 21701A02B1 II EEE, SEC-C

		K.VENKATANIRANJAN 21705A0245 III EEE, SEC-D
21.10.2022	LIFE WAS BETTER WHEN TECHNOLOGY WAS MORE SIMPLE-HOW YOU JUSTIFY	M. SASI REKHA 21701A02B4 II EEE, SEC-C
28.10.2022	WHY SHOULD EVERY CITIZEN VOTE	K.SUVARNA 20701A02E8 III EEE, SEC-C
03.11.2022	SOCIAL MEDIA A BOON OR BANE	N.VIJAYA DIVIJA 21705A0253 III EEE, SEC-D K.SREELATHA 21701A02C1 II EEE, SEC-C
10.11.2022	PROS AND CONS OF ONLINE LEARNING	N.POOJITHA 21701A0297 II EEE, SEC-B
17.11.2022	WOMEN SHOULD RULE THE WORLD!	K.PRIYANKA LE233 II EEE, SEC-D







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