

ELEKTRA NEWS LETTER

DEPARTMENT OF EEE

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

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JOURNALS

- **Muqthiar Ali Shaik, Padma Lalitha Mareddy,** Visali N, "Performance analysis of hybrid techniques for evaluation of power Transmission Cost and Loss Allocation based on Transmission Reliability Margin", International Transactions on Electrical Energy Systems, Vol. <u>31</u>, Issue. <u>11</u>, 26-07-2021, July 2021, 0142-0615. https://doi.org/10.1002/2050-7038.13034
- Murugaperumal Krishnamoorthy, Satheeshkumar Packirisamy, Muqthiar Ali Shaik, Arulselvi Ramasamy, "A Techno-Economic Feasibility Analysis of Renewable Energy-Based Marine Micro-Grid for Cruise Ship Applications: A Case Study Simulation", Marine Technology society journal, Vol. 55, Issue. 5, PP. 85-93, September 2021, ISBN: 0025-3324. https://doi.org/10.4031/MTSJ.55.5.6
- **Dr. P. Gopi, Mr. M. Ramesh, Dr. M. Padmalalitha**, "Evaluation of automatic voltage regulators PID controller coefficients using pythan", IEEE, 19 October 2021. https://doi.org/10.1109/MASCON51689.2021.9563458
- **Dr. P. Gopi, Mr. M. Ramesh, Dr. M. Padmalalitha**, "Practical design of an Off-grid solar PV system for domestic applications, IEEE, 19 October 2021. https://ieeexplore.ieee.org/document/9563391
- Muqthiar Ali Shaik, Padma Lalitha Mareddy, Visali N, "Enhancement of Voltage Profile in The Distribution System by Reconfiguring with DG Placement using Equilibrium Optimizer", Alexandria Engineering Journal, Vol. 61, Issue. 5, pp. 4081-4093, October 2021, ISSN: 1110-0168. https://doi.org/10.1016/j.aej.2021.09.063
- N Sivarami Reddy, DV Ramamurthy, **M Padma Lalitha**, K Prahlada Rao, "Minimizing the total completion time on a multi-machine FMS using flower pollination algorithm", Soft Computing, Vol. 26, Issue. 3, pp. 1437-1458, October 2021, ISSN: 1432-7643 / 1433-7479. https://doi.org/10.1007/s00500-021-06411-y
- Balaji .C, Hemakesavulu. O, Dominic Savio. A, Vinoth kumar. B, Sakthi. S, Sivaperumal. P, "A Transformerless Buck-Boost Converter as Maximum Power Point Tracker for Battery Charging", Lecture notes in Electrical engineering, Vol. 795, pp. 237-246, 22 November 2021, ISBN: 978-981-16-4943-1. https://doi.org/10.1007/978-981-16-4943-1 22

- Saik ayesha jabeen Bhanu, **Dr. Pasala Gopi, Dr. M. Padmalalitha**, "A wind and solar based AC micro grid with optimized power quality for local non-linear loads", IEEE conference (ICT-PEP-2021), pp. 296- 30, 17 November 2021. https://doi.org/10.1109/ICT-PEP53949.2021.9600903
- J. R. Grahitha, **M. Padmalalitha, Suresh Sreenivasan**, "Novel ANN Based MPPT Control Strategy for Hybrid PV/Wind and Diesel Generator System", Lecture notes in Electrical engineering, Vol. 783, pp. 1447-1465, November, 2021, 978-981-16-3690-5
- **Pasala Gopi, Suresh Sreenivasan**, Murugaperumal Krishnamurty, "Disk margin based robust stability analysis of a DC motor drive", Engineering Science and Technology an International Journal (Elsevier), pp. 1-11, 1 December 2021 https://doi.org/10.1016/j.jestch.2021.10.006

SEMINARS

- Seminar on "Outcome Based Education (OBE)" was given by Mr. T. Arun Kumar, Assistant Prof, EEE on 30/10/2021.
- Seminar on "Outcome Based Education (OBE)" was given by Ms. M. Veena, Assistant Prof, EEE on 01/11/2021.
- Seminar on "Outcome Based Education (OBE)" was given by Ms. P. Lakshmi Sravani, Assistant Prof, EEE on 02/11/2021.
- Seminar on "Modelling of Symmetrical 13-Level and Asymmetrical 31-Level Generalized Cascaded Multi-Level Inverter" was given by Mr. P. Ravindra Prasad, Assistant Prof, EEE on 31/12/2021

GUEST LECTURES

- EEE Dept has organized a Guest Lecture on "**Power System Analysis**" by Mr. D. Hemanth, Assistant Engineer on 15/12/2021.
- EEE Dept has organized a Guest Lecture on "Application of Artificial Intelligence in Power Systems Tower Monitoring", by Dr. C. C. Reddy, Professor, IIT Ropar on 16/12/2021.
- EEE Dept has organized a Guest Lecture on "How to Get, Where you are, Where you want to be", by Dr. M. Raja Reddy, Retd Scientist on 27/12/2021

WORKSHOPS

• EEE Dept has conducted a workshop on "**Auto Four Wheelers**" by Mr. K. Prabhu Kartheek, Assistant Professor, Mechanical Engineering Department, AITS on 07/12/2021.

- EEE Dept has organized a National Level Workshop on "Multi Agent System for Microgrid Operation and Control" by Dr. D. Thukaram, Professor, IISC Bangalore and Dr. R. Leo, Professor, SSN College of Engineering, Chennai through online Mode on 11/12/2021.
- EEE Dept has organized an awareness program on "**Foreign Education**", by Mr. K. Srinivasa Rao, Managing Director, Sain Immigration Services Ltd, Hyderabad on 08/12/2021

WEBINARS

- EEE Dept has organized a webinar on "MicroSoft Certification Mapped Program Bundled with Internships", in Collabration with Quantum Learnings on 22/11/2021.
- EEE Dept has organized a webinar on "**Innovation Techniques**" in association with Innovation and Incubation Center, AITS on 12/12/2021.

PROJECT EXPO

• EEE Dept has organized an E-Project Expo, "**ELECTRIC MANTRA**", on 17/07/2021. The event was oconducted through online platform via ZOOM and E-Certificated were given for the participants.

EEE ASSOCIATION

- EEE Association conducted "**DUMB CHARADES**" on 29/10/2021.
- EEE Association conducted "ANTHYAKSHARI" on 25/11/2021.
- EEE Association conducted weely elocution on the topic "HARD WORK vs SMART WORK" on 09/12/2021.
- EEE Association conducted weely elocution on the topic "**PROMINENT LEADERS**" on 17/12/2021.

SPORTS

CHESS				
S.no	HT No.	Name of the student	Prize	
1	18701A0233	MANOJ KUMAR ODETI	Winner	
2	19701A0267	NITHEESH KUNTAPAMULA	Runner	

SHUTTLE BADMINTON				
S.no	HT No.	Name of the student	Prize	
1	19701A0218	DHARAHAS BHEEMA	Winner	
2	18701A0215	FAROOK SHAIK CHIRAKI	Runner	

		CRICKET	
S.no	HT No.	Name of the student	Prize
1	19701A0251	MANIKANTA PALURU	Winners
2	19701A0252	MANOJ KUMAR REDDY JAKKAM	
3	19701A0260	NAVEEN KUMAR KOLLA	
4	19701A0261	NAVEEN KUMAR REDDY B	
5	19701A0262	NAVEEN KUMAR REDDY K	
6	19701A0267	NITHEESH KUNTAPAMULA	
7	19701A0268	NITHIN KUMAR REDDY SEELAM	
8	19701A0276	PURUSHOTHAM REDDY T	
9	19701A0277	RAGHAVENDRA MANGALA	
10	19701A0278	RAJA VISHNU MANGALA	
11	19701A0284	RANADEEP REDDY PUTLURI	
1	18701A0236	NARASIMHA DINAKAR G	Runners
2	18701A0237	PAVAN KUMAR KADAPALA	
3	18701A0238	PAWAN KUMAR REDDY KOTTE	
4	18701A0249	SAI SURYA TEJA B P	
5	18701A0250	SANTHOSH KUMAR REDDY A	
6	18701A0252	SASHIKUMAR T G	
7	18701A0253	SASI KUMAR BOGOJI	
8	18701A0275	VENKATA SUDHARSHAN A	
9	18701A0272	VENKATA KOTI REDDY B	
10	18701A0273	VENKATA NIKHIL KUMAR M	
11	18701A0279	VINAY KUMAR REDDY SURA	

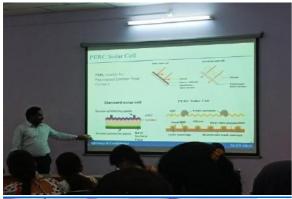
TENNIKOIT				
S.no	HT No.	Name of the student	Prize	
1	19701A0273	POOJITHA KASTHURI	Winner	
2	20701A0290	PALLAVI BALARAJU	Runner	

THROW BALL				
S.no	HT No.	Name of the student	Prize	
1	18701A0242	RACHANA DEVIREDDY	Winners	
2	18701A0244	RAMYA SREE DHANIREDDY		
3	18701A0254	SHALINI MEDA		
4	18701A0255	SILPA JAVVAJI		
5	18701A0256	SINDHUJA TUMMALA		
6	18701A0257	SIREESHA MADIGA		
7	18701A0259	SOWMYA EPPAGUNTA		
8	18701A0263	SUJANAVEENA BALARAJU		
1	19701A0249	MANASA BIJJAM	Runners	
2	19701A0250	MANEESHA GRANDIVEMULA		
3	19701A0263	NAVYA SREE KONDREDDY		
4	19701A0264	NEHA SHAIK		
5	19701A0265	NIKHILA SIRIGIREDDY		
6	19701A0266	NIKITHA REDDY KANCHUPATI		
7	19701A0273	POOJITHA KASTHURI		
8	19701A0274	POOJITHA SIVARAMGARI		

VOLLEY BALL			
S.no	HT No.	Name of the student	Prize
1	18701A0236	NARASIMHA DINAKAR GURRALA	Winners
2	18701A0237	PAVAN KUMAR KADAPALA	
3	18701A0238	PAWAN KUMAR REDDY KOTTE	
4	18701A0249	SAI SURYA TEJA B P	
5	18701A0250	SANTHOSH KUMAR REDDY A	
6	18701A0252	SASHIKUMAR T G	
7	18701A0253	SASI KUMAR BOGOJI	
8	18701A0275	VENKATA SUDHARSHAN A	
1	19701A0260	NAVEEN KUMAR KOLLA	Runners
2	19701A0261	NAVEEN KUMAR REDDY B	
3	19701A0262	NAVEEN KUMAR REDDY K	
4	19701A0267	NITHEESH KUNTAPAMULA	
5	19701A0268	NITHIN KUMAR REDDY SEELAM	
6	19701A0276	PURUSHOTHAM REDDY T	
7	19701A0277	RAGHAVENDRA MANGALA	
8	19701A0278	RAJA VISHNU MANGALA	
9	19701A0284	RANADEEP REDDY PUTLURI	

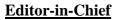












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