



ELEKTRA NEWS LETTER

DEPARTMENT OF EEE
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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. 31, Issue. 11, 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 Krishnamurthy, “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 Collaboration 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 conducted through online platform via ZOOM and E-Certificates 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 weekly elocution on the topic “**HARD WORK vs SMART WORK**” on 09/12/2021.
- EEE Association conducted weekly 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	

TENNICOIT			
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	SUJANA VEENA 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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