



ELEKTRA NEWS LETTER

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

VOLUME: 9

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ISSUE NO:1

WORKSHOPS

1. A two day **workshop** on “**INDUSTRIAL INTERNET OF THINGS (IIoT)**” was organized by EEE Dept. in association with VI Solutions, for III B.Tech students from 18/03/2021 to 19/03/2021. Prashanth A, R Satyanarayana, VI Solutions, Bangalore were the resource persons for this workshop.
2. EEE Dept. conducted a two day **workshop** on “**ELECTRICAL VEHICLES**” in association with VI Solutions for III B.Tech students from 30/03/2021 to 31/03/2021. Prashanth A, R Satyanarayana, VI Solutions, Bangalore were the resource persons for this workshop.
3. EEE Dept. conducted a two day **workshop** on “**MACHINE LEARNING**” in association with VI Solutions from 19/04/2021 to 20/04/2021. R Rajkumar, S Essaki Raja VI Solutions, Bangalore were the resource persons for this workshop.
4. EEE Dept. conducted an AICTE sponsored **online Short-term training program (STTP)** on “**Energy management and control system for smart renewable energy remote power generation**”. The online STTP was conducted in four phases. Dr. M Padma Lalitha, Professor and HOD, EEE Dept. acted as convener for this program. Dr. O Hemakesavulu, Professor, Mr. M Sai Sandeep, Assistant Professor, EEE Dept. acted as coordinators for this event. The details of the event are as follows:

Sl. No.	Session No.	Topic of Session	Topic
1. A. 1.001	01/03/2021-02/03/2021	01/03/2021-02/03/2021	01/03/2021-02/03/2021
	03/03/2021-04/03/2021	03/03/2021-04/03/2021	03/03/2021-04/03/2021
	05/03/2021-06/03/2021	05/03/2021-06/03/2021	05/03/2021-06/03/2021
2. A. 1.002	07/03/2021-08/03/2021	07/03/2021-08/03/2021	07/03/2021-08/03/2021
	09/03/2021-10/03/2021	09/03/2021-10/03/2021	09/03/2021-10/03/2021
	11/03/2021-12/03/2021	11/03/2021-12/03/2021	11/03/2021-12/03/2021
3. A. 1.003	13/03/2021-14/03/2021	13/03/2021-14/03/2021	13/03/2021-14/03/2021
	15/03/2021-16/03/2021	15/03/2021-16/03/2021	15/03/2021-16/03/2021
	17/03/2021-18/03/2021	17/03/2021-18/03/2021	17/03/2021-18/03/2021
4. A. 1.004	19/03/2021-20/03/2021	19/03/2021-20/03/2021	19/03/2021-20/03/2021
	21/03/2021-22/03/2021	21/03/2021-22/03/2021	21/03/2021-22/03/2021
	23/03/2021-24/03/2021	23/03/2021-24/03/2021	23/03/2021-24/03/2021
5. A. 1.005	25/03/2021-26/03/2021	25/03/2021-26/03/2021	25/03/2021-26/03/2021
	27/03/2021-28/03/2021	27/03/2021-28/03/2021	27/03/2021-28/03/2021
	29/03/2021-30/03/2021	29/03/2021-30/03/2021	29/03/2021-30/03/2021
6. A. 1.006	31/03/2021-01/04/2021	31/03/2021-01/04/2021	31/03/2021-01/04/2021
	02/04/2021-03/04/2021	02/04/2021-03/04/2021	02/04/2021-03/04/2021
	04/04/2021-05/04/2021	04/04/2021-05/04/2021	04/04/2021-05/04/2021
7. A. 1.007	06/04/2021-07/04/2021	06/04/2021-07/04/2021	06/04/2021-07/04/2021
	08/04/2021-09/04/2021	08/04/2021-09/04/2021	08/04/2021-09/04/2021
	10/04/2021-11/04/2021	10/04/2021-11/04/2021	10/04/2021-11/04/2021
8. A. 1.008	12/04/2021-13/04/2021	12/04/2021-13/04/2021	12/04/2021-13/04/2021
	14/04/2021-15/04/2021	14/04/2021-15/04/2021	14/04/2021-15/04/2021
	16/04/2021-17/04/2021	16/04/2021-17/04/2021	16/04/2021-17/04/2021
9. A. 1.009	18/04/2021-19/04/2021	18/04/2021-19/04/2021	18/04/2021-19/04/2021
	20/04/2021-21/04/2021	20/04/2021-21/04/2021	20/04/2021-21/04/2021
	22/04/2021-23/04/2021	22/04/2021-23/04/2021	22/04/2021-23/04/2021
10. A. 1.010	24/04/2021-25/04/2021	24/04/2021-25/04/2021	24/04/2021-25/04/2021
	26/04/2021-27/04/2021	26/04/2021-27/04/2021	26/04/2021-27/04/2021
	28/04/2021-29/04/2021	28/04/2021-29/04/2021	28/04/2021-29/04/2021
11. A. 1.011	30/04/2021-01/05/2021	30/04/2021-01/05/2021	30/04/2021-01/05/2021
	02/05/2021-03/05/2021	02/05/2021-03/05/2021	02/05/2021-03/05/2021
	04/05/2021-05/05/2021	04/05/2021-05/05/2021	04/05/2021-05/05/2021
12. A. 1.012	06/05/2021-07/05/2021	06/05/2021-07/05/2021	06/05/2021-07/05/2021
	08/05/2021-09/05/2021	08/05/2021-09/05/2021	08/05/2021-09/05/2021
	10/05/2021-11/05/2021	10/05/2021-11/05/2021	10/05/2021-11/05/2021
13. A. 1.013	12/05/2021-13/05/2021	12/05/2021-13/05/2021	12/05/2021-13/05/2021
	14/05/2021-15/05/2021	14/05/2021-15/05/2021	14/05/2021-15/05/2021
	16/05/2021-17/05/2021	16/05/2021-17/05/2021	16/05/2021-17/05/2021
14. A. 1.014	18/05/2021-19/05/2021	18/05/2021-19/05/2021	18/05/2021-19/05/2021
	20/05/2021-21/05/2021	20/05/2021-21/05/2021	20/05/2021-21/05/2021
	22/05/2021-23/05/2021	22/05/2021-23/05/2021	22/05/2021-23/05/2021
15. A. 1.015	24/05/2021-25/05/2021	24/05/2021-25/05/2021	24/05/2021-25/05/2021
	26/05/2021-27/05/2021	26/05/2021-27/05/2021	26/05/2021-27/05/2021
	28/05/2021-29/05/2021	28/05/2021-29/05/2021	28/05/2021-29/05/2021
16. A. 1.016	30/05/2021-31/05/2021	30/05/2021-31/05/2021	30/05/2021-31/05/2021
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	03/06/2021-04/06/2021	03/06/2021-04/06/2021	03/06/2021-04/06/2021
17. A. 1.017	05/06/2021-06/06/2021	05/06/2021-06/06/2021	05/06/2021-06/06/2021
	07/06/2021-08/06/2021	07/06/2021-08/06/2021	07/06/2021-08/06/2021
	09/06/2021-10/06/2021	09/06/2021-10/06/2021	09/06/2021-10/06/2021
18. A. 1.018	11/06/2021-12/06/2021	11/06/2021-12/06/2021	11/06/2021-12/06/2021
	13/06/2021-14/06/2021	13/06/2021-14/06/2021	13/06/2021-14/06/2021
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19. A. 1.019	17/06/2021-18/06/2021	17/06/2021-18/06/2021	17/06/2021-18/06/2021
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	21/06/2021-22/06/2021	21/06/2021-22/06/2021	21/06/2021-22/06/2021
20. A. 1.020	23/06/2021-24/06/2021	23/06/2021-24/06/2021	23/06/2021-24/06/2021
	25/06/2021-26/06/2021	25/06/2021-26/06/2021	25/06/2021-26/06/2021
	27/06/2021-28/06/2021	27/06/2021-28/06/2021	27/06/2021-28/06/2021
21. A. 1.021	29/06/2021-30/06/2021	29/06/2021-30/06/2021	29/06/2021-30/06/2021
	01/07/2021-02/07/2021	01/07/2021-02/07/2021	01/07/2021-02/07/2021
	03/07/2021-04/07/2021	03/07/2021-04/07/2021	03/07/2021-04/07/2021
22. A. 1.022	05/07/2021-06/07/2021	05/07/2021-06/07/2021	05/07/2021-06/07/2021
	07/07/2021-08/07/2021	07/07/2021-08/07/2021	07/07/2021-08/07/2021
	09/07/2021-10/07/2021	09/07/2021-10/07/2021	09/07/2021-10/07/2021
23. A. 1.023	11/07/2021-12/07/2021	11/07/2021-12/07/2021	11/07/2021-12/07/2021
	13/07/2021-14/07/2021	13/07/2021-14/07/2021	13/07/2021-14/07/2021
	15/07/2021-16/07/2021	15/07/2021-16/07/2021	15/07/2021-16/07/2021
24. A. 1.024	17/07/2021-18/07/2021	17/07/2021-18/07/2021	17/07/2021-18/07/2021
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	21/07/2021-22/07/2021	21/07/2021-22/07/2021	21/07/2021-22/07/2021
25. A. 1.025	23/07/2021-24/07/2021	23/07/2021-24/07/2021	23/07/2021-24/07/2021
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	27/07/2021-28/07/2021	27/07/2021-28/07/2021	27/07/2021-28/07/2021
26. A. 1.026	29/07/2021-30/07/2021	29/07/2021-30/07/2021	29/07/2021-30/07/2021
	01/08/2021-02/08/2021	01/08/2021-02/08/2021	01/08/2021-02/08/2021
	03/08/2021-04/08/2021	03/08/2021-04/08/2021	03/08/2021-04/08/2021
27. A. 1.027	05/08/2021-06/08/2021	05/08/2021-06/08/2021	05/08/2021-06/08/2021
	07/08/2021-08/08/2021	07/08/2021-08/08/2021	07/08/2021-08/08/2021
	09/08/2021-10/08/2021	09/08/2021-10/08/2021	09/08/2021-10/08/2021
28. A. 1.028	11/08/2021-12/08/2021	11/08/2021-12/08/2021	11/08/2021-12/08/2021
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	15/08/2021-16/08/2021	15/08/2021-16/08/2021	15/08/2021-16/08/2021
29. A. 1.029	17/08/2021-18/08/2021	17/08/2021-18/08/2021	17/08/2021-18/08/2021
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30. A. 1.030	23/08/2021-24/08/2021	23/08/2021-24/08/2021	23/08/2021-24/08/2021
	25/08/2021-26/08/2021	25/08/2021-26/08/2021	25/08/2021-26/08/2021
	27/08/2021-28/08/2021	27/08/2021-28/08/2021	27/08/2021-28/08/2021
31. A. 1.031	29/08/2021-30/08/2021	29/08/2021-30/08/2021	29/08/2021-30/08/2021
	01/09/2021-02/09/2021	01/09/2021-02/09/2021	01/09/2021-02/09/2021
	03/09/2021-04/09/2021	03/09/2021-04/09/2021	03/09/2021-04/09/2021
32. A. 1.032	05/09/2021-06/09/2021	05/09/2021-06/09/2021	05/09/2021-06/09/2021
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	09/09/2021-10/09/2021	09/09/2021-10/09/2021	09/09/2021-10/09/2021
33. A. 1.033	11/09/2021-12/09/2021	11/09/2021-12/09/2021	11/09/2021-12/09/2021
	13/09/2021-14/09/2021	13/09/2021-14/09/2021	13/09/2021-14/09/2021
	15/09/2021-16/09/2021	15/09/2021-16/09/2021	15/09/2021-16/09/2021
34. A. 1.034	17/09/2021-18/09/2021	17/09/2021-18/09/2021	17/09/2021-18/09/2021
	19/09/2021-20/09/2021	19/09/2021-20/09/2021	19/09/2021-20/09/2021
	21/09/2021-22/09/2021	21/09/2021-22/09/2021	21/09/2021-22/09/2021
35. A. 1.035	23/09/2021-24/09/2021	23/09/2021-24/09/2021	23/09/2021-24/09/2021
	25/09/2021-26/09/2021	25/09/2021-26/09/2021	25/09/2021-26/09/2021
	27/09/2021-28/09/2021	27/09/2021-28/09/2021	27/09/2021-28/09/2021
36. A. 1.036	29/09/2021-30/09/2021	29/09/2021-30/09/2021	29/09/2021-30/09/2021
	01/10/2021-02/10/2021	01/10/2021-02/10/2021	01/10/2021-02/10/2021
	03/10/2021-04/10/2021	03/10/2021-04/10/2021	03/10/2021-04/10/2021
37. A. 1.037	05/10/2021-06/10/2021	05/10/2021-06/10/2021	05/10/2021-06/10/2021
	07/10/2021-08/10/2021	07/10/2021-08/10/2021	07/10/2021-08/10/2021
	09/10/2021-10/10/2021	09/10/2021-10/10/2021	09/10/2021-10/10/2021
38. A. 1.038	11/10/2021-12/10/2021	11/10/2021-12/10/2021	11/10/2021-12/10/2021
	13/10/2021-14/10/2021	13/10/2021-14/10/2021	13/10/2021-14/10/2021
	15/10/2021-16/10/2021	15/10/2021-16/10/2021	15/10/2021-16/10/2021
39. A. 1.039	17/10/2021-18/10/2021	17/10/2021-18/10/2021	17/10/2021-18/10/2021
	19/10/2021-20/10/2021	19/10/2021-20/10/2021	19/10/2021-20/10/2021
	21/10/2021-22/10/2021	21/10/2021-22/10/2021	21/10/2021-22/10/2021
40. A. 1.040	23/10/2021-24/10/2021	23/10/2021-24/10/2021	23/10/2021-24/10/2021
	25/10/2021-26/10/2021	25/10/202	

GUEST LECTURES

1. EEE Dept. conducted a Guest lecture on "Analog and Digital control of power electronics" by Dr. J Siva Vara Prasad, Professor & HOD, LBCRE, Krishna Dist., on 24/06/2021 for III B.Tech students.
2. EEE Dept. conducted a Guest lecture on "Arduino and Its innovative design" by Dr. S Jayasudha, Professor, K Ramachandra College of Technology, Trichy, for III B.Tech students on 18/06/2021.
3. EEE Dept. conducted a Guest lecture on "Green hydrogen and renewable energy" by Ms. Anupama Thakur, DST, INSPIRE Senior research fellow, CSIR, Chandigarh, for II and III B.Tech students on 07/04/2021.
4. EEE Dept. conducted a Guest lecture on "Solar thermal water pumping system" by Dr. B Rohini Kumar, Assistant Professor, NIT Calicut, for II and III B.Tech students on 23/03/2021.
5. EEE Dept. conducted a Guest lecture on "Renewable energy with mobility" by Dr. Jerzy Ryszard Szymanski, Professor, University of Technology and Humanities in Radom, Poland for III B.Tech students on 24/03/2021.



Ms. Anupama Thakur,
DST, INSPIRE Senior Research Fellow,
CSIR-CSIO, Chandigarh.



Dr. Jerzy Ryszard Szymanski
Professor, Kazimierz Pulaski
University of Technology and
Humanities in Radom, Poland.



Dr. B. Rohini Kumar
Assistant Professor,
Mechanical Department,
National Institute of Technology
Calicut, Kerala.

WEBINARS

1. EEE Dept. organized a one day National level webinar in collaboration with PANTECH E-Learning on "Electrical Vehicle Technology" on 05/06/2021 from 02:30 pm to 03:30 pm. E-certificates were provided for the participants. Dr. M Padma Lalitha, Professor, HOD, EEE Dept. acted as convener for this event.
2. EEE Dept. and ISTE in collaboration with ACE Engineering Academy organized an awareness program on "Career opportunities" on 02/06/2021 from 11:30 am to 12:30 pm. Dr. M Padma Lalitha, Professor, HOD, EEE Dept. acted as convener for this event.



EEE ASSOCIATION

1. EEE Dept. conducted a National level online quiz on the occasion of Republic Day-2021. The quiz was open from 20/01/2021 to 25/01/2021. Interested students participated in this event and certificate was issued to the participants who secured more than 60 % marks.
2. EEE Dept. conducted Elocution competition on “Sustainable Agriculture” in EEE Smart classroom. Interested students participated in this event.
3. EEE Dept. conducted Elocution competition on “Pros and Cons of online education” in EEE Smart classroom. Interested students participated in this event.
4. EEE Dept. conducted a National level contest “My father is my hero” on the eve of Father’s day (20/06/2021). The link was open from 6:00 am to 10:00 pm on 20/06/2021. Interested students participated in this event. Mr. M Ramesh, Assistant Professor, EEE Dept. acted as coordinator for this event.



FACULTY ACHIEVEMENTS

1. Dr. O Hemakesavulu, Professor, EEE Dept. received “Doctorate Degree (Ph D)” from SRM University on 25/01/2021.
2. Dr. M Padma Lalitha, Prof, HOD, EEE Dept. published a paper on “Practical simultaneous scheduling of machines, AVGS, tool transporter and tools in a multi machine FMS using symbiotic organism search algorithm” in International Journal of Computer integrated manufacturing, SCI, on February 2021.
3. Dr. P Gopi, Associate Prof, &Mr. K Harinath Reddy, Assistant Professor EEE Dept. published a paper on “Design of PI speed controller for 3-ph converter fed DC motor drive using symmetrical optimization” in SCOPUS indexed journal on March 2021.

STUDENT ACHIEVEMENTS

1. P Siva Kavitha, D Supriya, M Manasa Sai, Siva Kumar, IV EEE, got first prize for participating in “TECHMETIX 2021”, organized by EEE Dept., Bharat Institute of Engineering and Technology on 26/06/2021.
2. P Dastagiri, A Jayanth Naidu, G Shiva Kumar, C Sai Praneeth Kumar Reddy, IV EEE, published a paper on “An implementation of solar PV array based multifunctional EV charger” in International Journal of Engineering and Techniques, in June 2021.
3. K Supriya, Vara Prasad, D Vineela, Siva Sai Kumar. IV EEE, published a paper on “Minimizing Electricity Theft using Internet of Things” in International Journal of Engineering and Techniques, in June 2021.

Editor-in-Chief

Dr. M. Padma Lalitha, M.Tech, Ph.D.

Guest Editor

Mr. O. Hemakesavulu, M.Tech, Ph.D.

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Mr. M. Ramesh M.Tech.

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