


Name of the Faculty	Dr. Amit Gupta		
Designation	Associate Professor		
Date of Joining	03-01-2024		
E - Mail	dramitguptacv@gmail.com		
Educational Qualifications	Name of the Degree	Institute	Class
Ph. D	Doctor of Philosophy (ECE)	Sir Padampat Singhania University (Under the legacy of J.K. Cement Ltd.), Udaipur. NIRF RAKING 95 in India	First
PG	M. Tech Communication, Control, and Networking)	Madhav Institute of Technology and Science, (Govt. Engg. College, Gwalior, (Madhya Pradesh)	First
UG	B.E (ECE)	Lakshmi Narain College of Technology, Bhopal, (Madhya Pradesh)	First
Work Experience			
Teaching	24 Years & 8 MONTHS		
Research			
Industry	-		
Responsibilities held at the central level in college	<ul style="list-style-type: none"> Associate with Scientific Innovation Research Group (SIRG), Beni-Suef City, Egypt, 62688/ 2994/ T/21/6/2021, as Honorary Adjunct Professor and Senior Fellow of SIRG, Egypt for a term of three years (25 November 2022 to 24 November 2025) under the Dr. Ahmed Elngar Associate Professor, Faculty of Computers & Artificial Intelligence, Beni-Suef University, Beni Suef City, office box # (62511), Egypt. , Adjunct Professor at School of Technology. As Program Coordinator for National Assessment and Accreditation Council (NAAC) completed NAAC PEER TERM visit in college & institute got B+ Grade for the next five years in Malla Reddy Institute of Science & Technology (MRITS). As Program Coordinator for Criteria-2: Teaching, Learning, and Evaluation, National Assessment and Accreditation Council (NAAC) completed NAAC PEER TERM visit in college & institute got A+ Grade for the next five years in Narasaraopeta Engineering College (Autonomous), Narasaraopeta. As Program Coordinator for National Board of Accreditation (NBA), the department got Four- year Approval by the NBA team in Narasaraopeta Engineering College (Autonomous), Narasaraopeta. As Program Coordinator for National Board of Accreditation (NBA), the department got three- year approval by the NBA team in Malla Reddy Institute of Science & Technology (MRITS). Member of Board of Studies (BOS), which developed various new courses and modified the exiting courses in Sir Padampat Singhania University (Under the legacy of J. K. Cement Ltd.), and Amity University in order to make courses industries oriented. 		

	<ul style="list-style-type: none"> • Chief Coordinator in Activity Based Continuous Assessment System (ABCAS) at the Institute of Technology & Management (ITM), Gwalior. • Ten years Members of Internal Quality Assurance Cell (IQAC) in the college and University
Responsibilities held at the departmental level in college	<ul style="list-style-type: none"> • Worked as Head of Department in Electronics & Communication in Sir Padampat Singhania University, (Under the legacy of J. K. Cement Ltd.), Udaipur (Rajasthan). NIRF RAKING 95 in India • Worked as Convener in organization of International Conference in “Advances in Signal Processing and Communications (NEC-ICASPC-2K22), Narasaraopeta Engineering College, on 29th & 30th July, 2022. • Worked as Co- Convener in organization of International Conference in “Advances in Signal Processing and Communications (NEC-ICASPC-2K21), Narasaraopeta Engineering College, on 23rd & 24th July, 2021. • Worked as Controller of Examination at Sir Padampat Singhania University (Under the legacy of J. K. Cement Ltd.), Udaipur from December 2010 to July 2015. • Organizer of DST Inspire Program from 06.04.2015 to 10.04.2015 in Sir Padampat Singhania University campus, where took the laboratory sessions on simulation systems and basics of electrical wiring along with classifications for more than 150 students (students who secured A in CGPA, or, more than 8.1 CGPA in Rajasthan State Board) for 10th Std. (pass out) along with 11th and 12th standard students. Also interacted with them regarding various educational motivational activities with them as per their level.
Courses Handled at UG Level	<ul style="list-style-type: none"> • Introduction of Internet of Things • Computer Networks and Internet Protocol • Cryptography and Network Security • Introduction to Industry 4.0 and Industrial IoT • Introduction to Soft Computing • Cloud Computing and Distributed Systems • Data Analytics with Python • Introduction of Machine Learning
Courses Handled at PG Level	<ul style="list-style-type: none"> • Research Methodology & IPR Course for M. Tech Structural Engineering First Year Students.
Area of Research	<ul style="list-style-type: none"> • ML AND MICRO STRIP ANTENNA
Research Guidance for M. Tech/ Ph. D Students	<ul style="list-style-type: none"> • Guided FIVE M. Tech Dissertations.
Books/ Book Chapters Published	<ul style="list-style-type: none"> • THICK FILM GAS SENSOR FABRICATION METHOD USING AN LAMBERT Academic Publishing ISBN (978-620-3-02560-6).

Prominent Research Publications in Journals

SCI PAPERS PUBLICATION (5)

1)Sudheer Mangalampalli Amit Gupta, Ganesh Reddy Karri, TulikaChakrabarti, Sri Hari Nallamala, Chakrabarti Prasun, Bhuvan Unhelkar, MartinMargala"Fault tolerant Trust based task scheduling algorithm using Haris Hawks optimization in Cloud Computing" MDPI ,Sensor, Sensors 2023, 23(18), 8009; <https://doi.org/10.3390/s23188009>, Impact Factor-3.92.

2)Nagendra Singh,Tulika Chakrabarti , Prasun Chakrabarti , Martin Margala, Amit Gupta ,Sivaneasan Bala Krishnan and Bhuvan Unhelkar," A New PSO Technique Used for the Optimization of Multiobjective Economic Emission Dispatch," MDPI ,Electronics 2023, 12, 2960. Page 1-13, <https://doi.org/10.3390/electronics12132960>, Impact Factor-2.92.

3)Nagendra Singh , Tulika Chakrabarti , Prasun Chakrabarti, Martin Margala,, Amit Gupta,S. Phani Praveen,, Sivaneasan Bala Krishnan and Bhuvan Unhelkar , " Novel Heuristic Optimization Technique to Solve Economic Load Dispatch and Economic Emission Load Dispatch Problems", MDPI,Electronics 2023, 12, 2921. <https://doi.org/10.3390/electronics12132921>, Impact Factor-2.92.

4)Arjun Singh, Shashi Kant Dargar , Amit Gupta , Ashish Kumar , Atul Kumar Srivastava , Mitali Srivastava ,Pradeep Kumar Tiwari , and Mohammad Aman Ullah "Evolving Long Short-Term Memory Network based Text Classification" Computational Intelligence and Neuroscience, Hindawi Publication. Volume 2022, Article ID 4725639, 11 pages, <https://doi.org/10.1155/2022/4725639>.

5)Sudheer Mangalampalli ,Hahmi B, Amit Gupta, Ganesh Reddy Karri, TulikaChakrabarti, Sri Hari Nallamala, Chakrabarti Prasun, Bhuvan Unhelkar, MartinMargala", Multi Objective Prioritized workflow scheduling using Deep reinforcement based Learning in Cloud Computing" IEEE Access - Manuscript ID Access- 2023-30660, Paper PUBLISHED , Digital Object Identifier 10.1109/ACCESS.2024.3350741.Impact Factor-3.8.

SCI PAPER SUBMISSION (10)

1) Pankaj Chittora, Tulika Chakrabarti, Amit Gupta, Papiya Debnath, Prasun Chakrabarti, S Phani Praveen, Martin Margala, Ahmed A. Elngar," Improving the Performance of Diagnosing Chronic obstructive Lung Disease Using Outlier Detection with Decision Tree Algorithm", Neural Processing Letters on 27 December 2022,Submission ID e4a728c2-4a64-4a5a-8380-bf6e2cc28fd0.

2) Pankaj Chittora, Tulika Chakrabarti, Papiya Debnath, Amit Gupta, Prasun Chakrabarti, S Phani Praveen, Martin Margala, Ahmed A. Elngar" Experimental analysis of earthquake prediction using machine learning classifiers, curve fitting, and neural modeling" Journal of Seismology on 11 October 2022, Submission ID 0aadf412-be8d-4d8f-8cf8-65bb350ecb53 (Springer Journal).

3) Pankaj Chittora, Tulika Chakrabarti, Papiya Debnath, Amit Gupta, Prasun Chakrabarti, S Phani Praveen, Martin Margala, Ahmed A. Elngar "Reliability Evaluation of Radial Distribution Network for Educational purpose using Greedy Search Approach-Distribution Network Data and Results". Electrical Engineering on 11 October 2022, Submission ID 9f98c57e-8b2b-43ed-a0e5-96ad8c72c133.

4) Abrar Ahmed Chhipa , Prasun Chakrabarti, Amit Gupta, Mohan Khedkar,Michal Jasinski, Vishnu Suresh, Alessandro Burgio, Zbigniew Leonowicz, Elzbieta Jasinska, Rajkumar Soni", Performance Analysis for Molecular Communication under Feedback

Channel using Multipath and Single path Technique" Journal Electrical Engineering on 14 October 2022, Submission ID c1f10b76-b7fd-48ed-b013- 6d29958d6cd7.

5) Abrar Ahmed Chhipa , Prasun Chakrabarti, Amit Gupta, Mohan Khedkar,Michał Jasinski, Vishnu Suresh, Alessandro Burgio, Zbigniew Leonowicz, Elzbieta Jasinska, Rajkumar Soni," Comparison of Levenberg and Bayesian Based ANN MPPT Controller for Grid-Connected PV System" IEEE Access - Manuscript ID Access-2022-17935.July 2022.

6) Mahammad Sabir,Shashi K.Dargar,Amit Gupta,Santosh Kumar Bharti,Surabhi Mehta" BER Evaluation of Hierarchical QAM Uncoded Space-Time Labelling Diversity in Nakagami- m Distribution" IEEE Access - Manuscript ID Access-2022-17378.July 2022.

7) Ravi, Vinayakumar, K, Suvarna Vani, Chakrabarti, Tulika, Hung, Bui Thanh, S, Siva Shankar, Chakarabarti, Prasun, Elngar, Ahmed, Gupta, Amit, "Detection and Classification of Invasive Ductal Carcinoma using Multi-Stage Optimized Deep learning Mode" Computational Intelligence Editorial, submission id-COIN- OA-03-23-6607,weliy Publication 25.03.2023.

8) Amit Gupta, Anand Kumar G, Shashi Kant Dargar, Abha Dargar, Improved Extreme Learning Machine Based Hunger Games Search For Automatic IP Configuration and Duplicate Node Detection", Advances in Electrical and Computer Engineering, Paper ID: 8733,Paper Submitted.

9) Amit Gupta,Harikrishna Kamatham, G.Anand Kumar, Dr. B. Jagadeesh," A Performant Algorithm to Identify the Extranodal Extension (ENE) using Artificial Intelligence," International Journal of Image and Graphics ,Paper Submitted May 5, 2023.

10) Nagendra Singh, Vadim Bolshev , Tulika Chakrabarti, Amit Gupta,Gennady Samarin, Leonid Andreev, Alexander Kudryavtsev, Prasun Chakrabarti, S Phani Praveen," Efficient Robust Controller Based on Separately Excited DC Motor" Journal name Energies, Manuscript ID: energies-1994888, Paper Accepted, Waiting for Publication.

WOS PAPER PUBLICATION (1)

1) R.Sambasiva Nayak,S.k.Bajidvali,Amit Gupta,V. Venkatarao"High isolation Eight Elements MIMO Antenna Array Tightly Arranged Based on mbedded Meta-Material Cells "Indian Journal of Science and Technology,Page-1168-1176,14(5),2021.

SCOPUS PAPERS PUBLICATION AND SUBMISSION (51)

1) Amit Gupta, Movva Pavani,,Shashi Kant Dargar, Abha Dargar,, Arun Singh Chouhan,"Improved Extreme Learning Machine Based Hunger Games Search for Automatic IP Configuration and Duplicate Node Detection machine learning", Journal of Communication, Scopus id ISSN: 1796- 2021 (Online); 2374-4367 (Print), JCM 2024 Vol.19(3): 152-160 Doi: 10.12720/jcm.19.3.152-160.

2) Amit Gupta, Shashi Kant Dargar, Abha Dargar, B. Raghavaiah," Smart Highways Road Accidents prevent Using IoT and Machine Learning based Framework", Neuro-Quantology , eISSN 1303- 5150, September 2022 , Volume 20 ,Issue 11 , Page 2035-2042, DOI: 10.14704/NQ.2022.20.11.NQ66198.

- 3) Dr Amit Gupta, B. Raghavaiah, A. V. Nageswararao, Raju Kolluri" Sensitivity Comparison of ThickFilm Gas Sensor using Machine Learning Technique" Neuro-Quantology, eISSN 1303- 5150,June 2022 , Volume 20 Issue 6 , Page 7803-7812 , doi: 10.14704/nq.2022.20.6.NQ22777.
- 4) Dr. Amit Gupta , Dr. K. Raju , Dr. K. Raghavaiah , Dr. K. Soujanya , Dr. R. Sambasiva Nayak", Design of IoT Based Security System for Industry 5.0: Applications and Challenges" YMER Journal, ISSN : 0044-0477, ISSN : 0044-0477,Page 1633-1641. (Scopus Index Journal).
- 5) Dr.Amit Gupta, Dr.S.kannan , G.F.Harish Reddy" Design CuO-doped SnO₂Thick film Gas Sensorfor H₂S Using ANN Technique", Test Engineering & Management , Volume 83, ISSN: 0193- 4120 Page No.8984-8989, March-April2020, (Scopus Index Journal).
- 6) Gupta Amit, Srivastava J. K. and Bhaskar Anand, "Sensing behavior of CuO-doped SnO₂ based thick film gas sensor for H₂S detection", International Journal of Scientific & Technology Research,3(5), 266-272(2014). ISSN 2277-8616 (Scopus Index Journal).
- 7) Amit Gupta , D. Rajani , R Jawwharlal , Arun Singh Chouhan," Big Secure Data Storage a Hybrid Encryption Mechanism For Hadoop Environment" European Chemical Bulletin, Eur. Chem. Bull. 2023,12(8), 682-695.
- 8) Raman Kumar, M J. Brahmaiah Naik, Suneel Kumar Asileti, K. Soujanya Amit Gupta," Deep Learning Techniques for Breast Cancer Detection," European Chemical Bulletin, Eur. Chem. Bull. 2023, 2023,12(10), 4755-4762.
- 9) Perla Anitha, K. Uma Rani, N. Selvamuthukumaran,Suneetha Bobbillapati, K. Dhivya Amit Gupta," Sentiment Analysis of Social Media Reviews Using Machine Learning and Word Embedding Techniques", European Chemical Bulletin, Eur. Chem. Bull. 2023, 2023,12(10), 11771-11778.
- 10) Dr. Amit Gupta, Hemanth Tulasi and E.S.kishor "Fabrication of PIN Diode switchable antenna ON and OFF state with different frequencies", Publication IEEE digital Xplore 9 June 2020 Pg- 1234- ISBN 1239, 978-1-7281-4686-7.
- 11) Amit Gupta, R.Raju" Air Quality Monitoring and alert system for industrial Zone Proximity Residential Area", International Journal of Computer Networks & Communications (IJCNC), ISSN : 0975 - 2293 e-ISSN : 0974 - 9322. Paper Submitted, Waiting for Acceptance.
- 12) Dr. Abdul Majid, Dr. Vinay Kumar Nassa, Veera Swamy Pittala, Devi Prasad Mishra, Dr R Chawngsangpuli, Amit Gupta, Air Quality Prediction based on different technique in Machine Learning City of New Delhi", International Journal of Computer Networks & Communications (IJCNC), ISSN : 0975 - 2293 e-ISSN : 0974 - 9322. Paper Submitted, Waiting for Acceptance.
- 13) Dr. Amit Gupta, Abhishek Kumar, M.Mamatha and Shravani Kalkonda, "Design and Simulation of Microstrip Patch Antenna for Next Generation Communication Applications". DOI: 10.1109/ICSSIT46314.2019.8987937 pp 1180-1183. Nov.2019 ISBN:978-1- 7281-2120-8.<https://ieeexplore.ieee.org/document/8987937>.
- 14) Dr. Amit Gupta, Dr S. Kannan, and G Harish Reddy, "Pd dopant for SnO₂ thick film gas sensor for detection of LPG using ANN Technology", Elsevier Digital Library, www,ssrn.com/link/I-I-I- Science- Enggering-Technology, Engineering & Technology,13-14 Dec.2019. (Scopus Index Conference).

- 15) Amit Gupta, Shashi Kant Dargar, A.V.Nageswara Rao, B. Raghavaiah "Cu-doped SnO₂ Based Thick Film Gas Sensor for Toxic Liquid Detection using ANN", Springer Nature Singapore Pte Ltd. 2023 V. Bhateja et al.(eds.), Intelligent System Design, Lecture Notes in Networks and Systems 494, 19- 4863-3_20.PAGE 207-215
- 16) Dr.Amit Gupta, Dr Shashi Kant Dargar, Mohammad Sabir" Performance analysis of 2% Fe₂O₃ Doped Thick- film Gas Sensor in Toxic Liquid Detection Using Machine Learning Techniques". Electronic ISBN: 978-1-6654- 0118-0, ISBN: 978-1-6654-0119-7, (IEEE Xplore digital library Scopus Index Conference).
- 17) G.V.V.S.L. Rupesh, Mopidevi Sai Advytha, Nammi Bhanu Prakash, Varsha Sahu, Amit Gupta, Shashi Kant Dargar. "A Smart-Dustbin and Integration of Waste Management System using IoT" DOI: 10.1109/ICIRCA54612.2022.9985021, Electronic ISBN:978-1-6654-9707-7, ISBN:978-1-6654-9708-4,,(IEEE Xplore digital library Scopus Index International Conference).
- 18) Dr.Amit Gupta, Dr Shashi Kant Dargar, Dr. B. Raghavaiah and Dr. A. V.Nageswara Rao" Comparison Between Rectangular Microstrip Patch Antenna With And Without Defected Ground StructureAt 1.85 GHz", DOI: 10.1109/ICONAT53423.2022.9726044, Electronic ISBN:978- 1-6654-2577-3,ISBN:978-1-6654-2578-0 (IEEE Xplore digital library Scopus Index Conference).
- 19) Dr .Amit Gupta, Dr Shashi Kant Dargar , Dr. B. Raghavaiah and Dr. A. V.Nageswara Rao "Recessed Ground Parasitic Rectangular Patch Antenna for Wireless Communication", IEEE Xplore Part Number: DOI: 10.1109/ICAIS53314.2022.9743042, Electronic ISBN:978-1-6654-0052-7, ISBN:978-1-6654-0053-4. <https://ieeexplore.ieee.org/document/9743042>.
- 20) Dr. Amit Gupta, Dr A.V.Nageswara Rao, Dr. B. Raghavaiah, Dr. Shashi Kant Dargar, " Clustering Method Response and Recovery Time Analysis with Different Temperature for different Toxic Gas" DOI: 10.1109/ICIPTM54933.2022.9754047. Electronic ISBN:978-1-6654-6643-1, ISBN:978-1-6654-6644-8.<https://ieeexplore.ieee.org/document/9754047>.
- 21) Shashi Kant Dargar, Amit Gupta, Mohd. Sabir, Adhi Lakshmi," Micro Strip U Slot Loaded Patch Antenna with Variable Parameter for Wireless Network Application", DOI: 0.1109/ICAECT54875.2022.9807838 Electronic ISBN:978-1-6654- 1120-2, ISBN:978-1-6654-1121-9.<https://ieeexplore.ieee.org/document/9807838>.
- 22) Dr.Amit Gupta and Vuddagiri Ravi Kumar, "Machine Learning Technology Using Thick Film Gas Sensor Toxic Liquid Detection for Industrial IOT Application", 16 September 2020 ISBN:978-1- 7281- 6829-6. DOI: 10.1109/CONECCT50063.2020.9198535 , Print on Demand(PoD) ISBN:978-1- 7281-6829-6.<https://ieeexplore.ieee.org/document/9198535>.
- 23) Amit Gupta,Dr. Shashi Kant Dargar and Dr. Abha Dargar", Developing a Smart Wireless Sensor System using IOT network architecture for Precision Agriculture, International Conference on Intelligent Systems and Sustainable Computing, Malla Reddy University ,Hyderabad,India, ICISSC 2022: Intelligent Systems and Sustainable Computing pp 509–517. https://link.springer.com/chapter/10.1007/978-981-99-4717-1_48.
- 24) Gupta Amit, Srivastava J.K. and Bhaskar Anand "Pd-doped SnO₂ Based Thick Film Gas Sensor for Detection of Methanol" International Journal of Innovative Research in Engineering & Science, 5(3), 49- 55(2014). (Scopus Index Journal).
- 25) Dinesh Kumar Burada, Parvathagari Venkata Charan , Gatram Jhansi Rani, Karnala Sai Nikhil,, Shashi Kant Dargar and Dr. Amit Gupta," Low-Cost Automatic Purchase Cart for

Hassle-free Un-crowded Shopping in Indian Supermarkets" DOI: 10.1109/CISCT55310.2022.10046503, Electronic ISBN:978- 1- 6654-7416-0.

26) Amit Gupta,Dr. Shashi Kant Dargar and Dr. Abha Dargar," House Prices Prediction Using Machine Learning Regression Mode", DOI: 10.1109/ICMNC56175.2022.10031728, Electronic ISBN:978-1-6654- 9111- 2, Print on Demand(PoD) ISBN:978-1-6654-9112-9.

27) Dr. Amit Gupta,Dr. Shashi Kant Dargar and Dr. Abha Dargar ,"TiO₂, Thick film Gas sensor for Detection H₂S Gas Using ANN and Machine Learning Technique", DOI: 10.1109/ICCECE51049.2023.10085220, Electronic ISBN:978-1-6654-5251-9 Print on Demand(PoD) ISBN:978-1-6654-5252-6.

28) Amit Gupta, Shaik Meeravali Arun Singh Chouhan, K.Y.Srinivas", Activity Based Learning System Educational Institutions for Measuring Students Preference using Machine Learning Technique" DOI: 10.1109/ICONSTEM56934.2023.10142321. Electronic ISBN:979-8-3503-4779-1,ISBN:979-8-3503-4780-7. <https://ieeexplore.ieee.org/document/10142321>.

29) Amit Gupta, Meeravali Shaikh, G. Jithender Reddy, Arun Singh Chouhan," Detection of Cardiac Failure using the Convolutional neural network (ConvNets CNN's) Technique", DOI: 10.1109/AISP57993.2023.10134963, Electronic ISBN:979-8-3503-2074-9, ISBN:979-8-3503-2075-6.<https://ieeexplore.ieee.org/document/10134963>.

30) Amit Gupta, Shaik Meeravali, K.Y. Srinivas and Arun Singh Chouhan", Voice Controlled Humanoid Robot 3-D Printing Industrial Application" DOI: .1109/AISP57993.2023.10135037, ElectronicISBN:979-8-3503-2074-9,ISBN:979-8-3503-2075-6.<https://ieeexplore.ieee.org/document/10135037>.

31) Amit Gupta, G. Anand Kumar Mathan Kumar T. Satyendra Kumar," Toxic H₂s Gases Detection Using Iot and ANN Technique" Electronic ISBN:979-8-3503-2391-7,ISBN:979-8-3503-2392-4, DOI:10.1109/CISES58720.2023.10183396, <https://ieeexplore.ieee.org/document/10183396>.

32) Amit Gupta, Amit Gupta M. Senthil Kumar M. Raman Kumar D Hemanth Kumar ," Deep Learning Technique Used for Tomato and Potato Plant Leaf Disease Classification and Detection", Electronic ISBN:979-8-3503-4729-6,DOI: 10.1109/ICSES58299.2023.10199327,<https://ieeexplore.ieee.org/document/10199327>.

33) Shashi Kant Dargar, Amit Gupta, Telukuntla Surendra Reddy, Talapala Subbaramaiah, Venkatesh Nagineni, Ranganna Gari Sainath Reddy," Analysis of Block Level PnR Flow to Increase the Cell Density in Less Congested Regions" Electronic ISBN:979-8-3503-3860-7, ISBN:979-8-3503-3861-4,DOI: 10.1109/CONIT59222.2023.10205807,<https://ieeexplore.ieee.org/document/10205807>.

34) Amit Gupta, Abha Dargar, Abdul Majid, Shashi Kant Dargar, M. Senthil Kumar M. Raju" Markov Chain Model used in Agricultural Yield Predictions Utilizing on Indian Agriculture," IEEE World Conference on Applied Intelligence and Computing (AIC 2023), <https://ieeexplore.ieee.org/document/10263850>

35) Shashi Kant Dargar, Amit Gupta, V.Pranaswi, T.Hemanth, P. Imam shareef, M. koushik sampath," Development Of An Active Equalizer For Lithium-ion Batteries", 2023 IEEE World Conference on Applied Intelligence and Computing, Paper Submitted.

36) Amit Gupta ,G.Anand Kumar ,Harikrishna Kamatham ,Dr. B. Jagadesh," IoT and Hybrid ANN Technology Used For Plant Diseases Prediction and Weather Forecasting

Agriculture Purpose”, 2023 International Conference on Innovations in Engineering and Technology, Paper Submitted.

37) Amit Gupta,G.Anand Kumar ,Harikrishna Kamatham ,Dr. B. Jagadesh, Block Chain Technology improving Human Resource Management System using Employment Skill Parameters, International Journal of Computer Networks and Communications, Paper Submitted.

38) Amit Gupta ,Muntha Raju Shashi Kant Dargar Abha Dargar Arun Singh Chouhan “Different Machine Learning Technique Used For Heart Disease Prediction” IEEE International Conference on Artificial Intelligence for Innovations in Healthcare Industries (ICAIHI- 2023), Paper Accepted.

39) Amit Gupta, Shashi Kant Dargar ,Abha Dargar, Muntha Raju, Arun Singh Chouhan ,”Lung Cancer Detection in X- Ray Chest Classification Using Deep Learning CNN Method” 2023, 3rd International Conference on Smart Generation Computing, Communication and Networking (SMARTGEN), Bangalore, India, Paper Submitted.

40) Amit Gupta,Shashi Kant Dargar,Abha Dargar,Arun Singh Chouhan,” Floating Point Multipliers Used in Vedic Mathematics”, 2nd International Conference on Computer, Communication and Control. <http://conference.medicaps.ac.in/> . Paper Submitted.

41) Amit Gupta, Shashi Kant Dargar, Abha Dargar ,Arun Singh Chouhan,” Stock Market Prediction using CNN-LSTM Technique”, 14th International Conference on Cloud Computing, Data Science & Engineering, <https://www.amity.edu/aset/confluence2024/>. Waiting for publication.

42) Amit Gupta, Shashi Kant Dargar, Abha Dargar ,Arun Singh Chouhan,” A Performant Algorithm to Identify the Extranodal Extension (ENE) using Artificial Intelligence”, Journal of Communication, Scopus id ISSN: 1796- 2021 (Online); 2374-4367 (Print), Paper Accepted.

43) Amit Gupta, Shashi Kant Dargar, Abha Dargar ,Arun Singh Chouhan,” AN EFFECTIVE INVESTIGATION ON IMPLEMENTATION OF DIFFERENT LEARNING TECHNIQUE USED FOR HEART DISEASE PREDECTION” Asia Pacific Conference on Innovation in Technology, Paper submitted.

44) Amit Gupta G. Arun Sampaul Thomas P. Srinivasa Rao,” Support Vector Machine Technique using Fake News Detection in Social Media Network”, Asia Pacific Conference on Innovation in Technology, Paper submitted.

45) Amit Gupta G. Arun Sampaul Thomas P. Srinivasa Rao,” Emotion Classification in Voice Data using Different Machine Learning Methods”, Asia Pacific Conference on Innovation in Technology, Paper submitted.

46) Himanshu Sharma, Amit Gupta G. Arun Sampaul Thomas P. Srinivasa Rao”, Stock Market Prediction using CNN-LSTM Technique” International Conference on Computational Intelligence, Green and Sustainable Technologies, Paper accepted. ,

47) Amit Gupta, Shashi Kant Dargar, Abha Dargar ,Arun Singh Chouhan”, Different Optimization Technique for Ant Cluster Head and Routing Protocol Wireless Sensor Network, Paper accepted.

48) Amit Gupta, Shashi Kant Dargar, Abha Dargar ,Arun Singh Chouhan", IoT and Hybrid ANN Technology Used For Plant Diseases Prediction and Weather Forecasting Agriculture Purpose", 2024 2nd World Conference on Communication & Computing 2024.

49) Amit Gupta, Shashi Kant Dargar, Abha Dargar ,Arun Singh Chouhan", Emotion Classification in Voice Data using Different Machine Learning Methods", 2024 2nd World Conference on Communication & Computing 2024.

50) Amit Gupta, Shaik Meeravali Arun Singh Chouhan, K.Y.Srinivas "Chronic Kidney Disease Patients in Predicting Renal Function Decline Integration of Machine Learning Techniques" 2024 2nd World Conference on Communication & Computing 2024.

51) Himanshu Sharma, Amit Gupta G. Arun Sampaul Thomas P. Srinivasa Rao , " Early Uterine Cancer Detection Using Ultrasound Images by Different Machine Learning Techniques", International Conference On Electrical, Electronics And Computing Technologies, Paper Submitted.

INTERNATION JOURNAL PUBLICATION (26)

1) Dr.Amit Gupta, Bonam Raghavaiah , Shashi Kant Dargar , Abha Dargar , " Medical Image SegmentationUsing Machine Learning", Science, Technology and Development, Volume XI Issue XI NOVEMBER2022, Page No:55-59, OI:18.0002.IJAEMA.2022.V14I08.200001.0156859717543..(UGC-CARE Group II Journals).

2) Amit Gupta, Bonam Raghavaiah, Shashi Kant Dargar , Abha Dargar." Comparison Between E- Shape Antenna For Single And Dual Band Antenna" , Science, Technology and Development, Volume XI Issue XI NOVEMBER 2022, ISSN : 0950-0707,Page 48-54.

3) Amit Gupta, Abha Dargar Bonam Raghavaiah Shashi Kant Dargar , " T-shaped Microstrip Patch Antenna using Dielectric resonator Technique for Ultra-Wide Band Frequency", JAC : A Journal Of Composition Theory(JCT), Volume XV, Issue X, OCTOBER 2022,Page No: 157-161, DOI:22.18001.AJCT.2022.V15I09.22.2909. (UGC-CARE Group II Journals)

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16) Dr. Amit Gupta, B. Raghavaiah, " Ultrawide Band Antenna Cognitive Radio With Noma For 5G Communication," Journal of Interdisciplinary Cycle Research, 2219-2226, Volume XIII, Issue V, May/2021. (UGC-CARE Group II Journals).

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Prominent Research Publications in Conferences

INTERNATIONAL CONFERENCES PUBLICATION (26)

Dr. Amit Gupta, Maddu Chaitanya Kumar, Shaik Mussef, Mekapothu Narsi Reddy, Bogiri Yamalaiah, Kotu Sai Krishna", Machine Learning Techniques Toxic Liquid Detection Industrial Application, International Conference On Advances in Signal Processing and Communications - 2K22, Narasaraopeta Engineering College, Narasaraopet, 29th and 30th July 2022, ISBN-978-93-91420-08- 6(2022) Page No- 13- 18.

- Dr. Amit Gupta, I. Sravani, G. Vishnu Govardhan Reddy, P. Rupesh, K. Harikrishna, A. Rohit Reddy", Toxic Gas Detection Using TiO₂ Thick Film Gas Sensor, International Conference On Advances in Signal Processing and Communications - 2K22, Narasaraopeta Engineering College, Narasaraopet, 29th and 30th July 2022, ISBN-978-93-91420-08-6(2022) Page No-19-25.

• Dr.Amit Gupta , J. Devi , B.Venkata Ranga Reddy ,B . Leela Srinivas Kumar, K. Mahesh Rao5, K. Brahma Teja", IOT Based Online Attendance System", International Conference On Advances in

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• Dr. Amit Gupta, G. Amara Bhargavi, B. Arun Kumar, A. Hitesh, S. Srikanth, S. Amanulla", Smart Car Parking", International Conference On Advances in Signal Processing and Communications - 2K22, Narasaraopeta Engineering College, Narasaraopet, 29th and 30th, July 2022, ISBN-978-93- 91420-08- 6(2022) Page No-310-314.

• Dr. Amit Gupta, Ms. A. Venkata Sai Lakshmi, Ms. Ch. V S N S L Tejaswini, Mr. A. Srinivasa Rao,Mr. Ch. Sri Hanuman Sanjay Guptha, Mr. A. Gopala Krishna," 5G Mobile Communications For Wireless Communication, International Conference On Advances in Signal Processing and Communications - 2K22, Narasaraopeta Engineering College, Narasaraopet, 29th and 30th ,July 2022, ISBN-978-93- 91420- 08- 6(2022) Page No-115-121.

• Dr .V.Venkata Rao,,Dr. Amit Gupta, Ms. N. Haritha, Ms. Sk. Happa, Mr. B. Anumohan Reddy, Mr. M. Sambasivarao,Mr. L. Akash", Online Video Denoising For High Sparsifying Transform Learning" International Conference On Advances in Signal Processing and Communications - 2K22, Narasaraopeta Engineering College, Narasaraopet, 29th and 30th ,July 2022, ISBN-978-93-91420-08- 6(2022) Page No-134-137.

• Dr. Amit Gupta, Mr. J. Srinivasa Rao, Mr. G. Sai Mouli,, P. Naga Manikanta Reddy, Ms. M. Revathi, Ms.G. Malleswari" TiO2 Doped Thick Film Gas Sensor Toxic Gas Detection" International Conference On Advances in Signal Processing and Communications - 2K22, Narasaraopeta Engineering College, Narasaraopet, 29th and 30th, July 2022, ISBN-978-93-91420-08-6(2022) Page No-187-191.

• Mr. Amit Gupta, Ms. Ramya Priya Meka, Mr. Bandaru Ravi Teja,Ms. Melam Sindhu,Mr. Shaik Sajid, Mr.Namburi Abhishek," GDI AND CMOS Techniques Comparative Performance Analysis Using VLSI", International Conference On Advances in Signal Processing and Communications - 2K22, Narasaraopeta Engineering College, Narasaraopet, 29th and 30th ,July 2022, ISBN-978-93-91420-08- 6(2022) Page No-163-165.

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• Dr. Amit Gupta, Mr. R. Shanmuka Venkatesh, I. Sudheer, Ms. E. Meghana , Ms. P. Bhavani, Mr. S. Sairam" Deep Learning Method For Lung Cancer Detection" International Conference On Advances in Signal Processing and Communications - 2K22, Narasaraopeta Engineering College, Narasaraopet, 29th and 30th

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- Dr. V. Venkata Rao, Dr. Amit Gupta, K Jaswanthika, B Sudheer Kumar, A Srihari, P Bhavani, V Thrinadh,"16-bit Carry Select Adder Using VLSI" International Conference on Advances in Signal Processing and Communications - 2K22, Narasaraopeta Engineering College, Narasaraopet, 29th and 30th, July 2022, ISBN-978-93-91420-08-6(2022) Page No-229-234.
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- Dr. V.Venkatarao,Dr. Amit Gupta, Maddu Chaitanya Kumar, Shaik Mussef,Mekapothu Narsi Reddy Bogiri Yamalaiah, Kotu Sai Krishna,". Effective Design And Implementation Of AMBA AHB Bus Protocol Using VHDL" International Conference On Advances in Signal Processing and Communications - 2K22, Narasaraopeta Engineering College, Narasaraopet, 29th and 30th, July 2022, ISBN-978-93-91420-08-6(2022) Page No-204-210.
- Dr.Amit Gupta,Divya. M, Preethi manisha.V, Maneesh preetham.V, Rajkamal.G, Subramanyam.M," Cu- doped SnO₂ Thick Film Gas Sensor for Methanol Using ANN Technique" International Conference On Advances in Signal Processing and Communications - 2K21, Narasaraopeta EngineeringCollege, Narasaraopet,23rd and 24th July 2021, ISBN: 978-93-91420-01-7,67-73(2021).
- Dr.V. Venkata Rao, Dr. Amit Gupta, Afrid Shaik, Ashok Kumar Akula, Rachamalla Sasidhar , Jangala Kiran Babu, Kakumanu Sumanth," IOT Technology used for Solar Tracking System for Effective Electricity Generation", International Conference On Advances in Signal Processing and Communications - 2K21, Narasaraopeta Engineering College, Narasaraopet,23rd and 24th July 2021, ISBN: 978-93-91420- 01-7,74-78,(2021).
- Dr. Amit Gupta, Dr. Raju Kolluri, Mr. Manoj Kumar Muvva, Mr. Sai Teja Tummalacheruvu, Mr. Satya Narayana Kattamuri, Mr. Sai Pavan Yerramsetty, Mr. Ramesh Ponugoti," Machine learning technology Using K-means Clustering Method for Detection of Toxic Liquid" International Conference on Advances in Signal Processing and Communications - 2K21, Narasaraopeta Engineering College, Narasaraopet,23rd and 24th, July 2021, ISBN: 978-93-91420-01-7,84-90(2021).
- Dr. V. Venkata Rao ,Dr. Amit Gupta,Mr. Jeevan Jithendra K, Mr. Krishna Akhil K, Mr. Yaswanth Amaresh B,Mr. Venu P, Mr. prudhvi D, Microstrip U-Slot Patch Antenna For Wireless Applications" International Conference On Advances in Signal Processing and Communications - 2K21, Narasaraopeta Engineering College, Narasaraopet,23rd and 24th July 2021, ISBN: 978-93-91420- 01-7,124-127,(2021).
- Dr. Amit Gupta,Dr. K. Anjaneyulu, B. Tejaswini, R. Srilakshmi Tirumaleswari, P. Divya, D. Gowthamy, Y. Jahnavi," Various Toxic Gases Detection using their Response and Recovery Times at Different Temperatures by Machine Learning Technique and Metal Oxide Gas Sensor", International Conference On Advances in Signal Processing and

	<p>Communications – 2K21, Narasaraopeta Engineering College, Narasaraopeta, 23rd and 24th July 2021, ISBN: 978-93-91420-01-7, 44-47(2021).</p> <ul style="list-style-type: none"> • Dr. Amit Gupta, Mr. Sai Teja, Mr. Prudhvi, Hemanth Tulasi, G Harish Reddy, "Simulation of parasitic rectangular patch antenna for Communication" International Conference On Advances in Signal Processing and Communications – 2K21, Narasaraopeta Engineering College, Narasaraopeta, 23rd and 24th July 2021, ISBN: 978-93-91420-01-7, 44-47(2021). • Dr. Amit Gupta, Dr. Raju Kolluri, Mr. Manoj Kumar Muvva, Mr. Sai Teja Tummalacheruvu, Mr. Satya Narayana Kattamuri, Mr. Sai Pavan Yerramsetty, Mr. Ramesh Ponugoti "Machine Learning Technology for Toxic liquid detection response and recovery time Analysis" International Conference on Recent Emerging Science, Engineering & Advanced Research in Communication and Healthcare- 2021 (ICRESEARCH-2021), Aarupadai Veedu Institute of Technology (AVIT) 4-5 June 2021, ISBN: 978-93-5473-898-2. • Dr. Amit Gupta, Hemanth Tulasi and E.S. Kishor "Advance Rescue System For Saving Human Life" International Conference on Computing Control and Electronics Electrical Engineering in G.PULL Reddy Engineering College, Conference date 10-11 Jan. 2020. • Amit Gupta, J.P. Devedi "Pd-doped thick film sensor for detection of Acetone" International Conference of "VLSI, Communication & Networking" Institute of Engineering & Technology (IET) Alwar in 5-6 May 2018. • Gupta Amit and S. K. Singh "Pd-doped thick film sensor for detection of propanol", International Conference of Current Research in Emerging Trends of Management, Arts, Science, Technology and Skill Development, Sunrise University, 18-19 Dec. 2015, 431-438(2015). • Gupta Amit, Srivastava J. K. and Bhaskar Anand "ANN for the Analysis of Pd-doped SnO₂ Sensor for Detection of Acetylene", Arni University International conference, 2(1), 26-30(2013).
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H-Index (As per SCOPUS Database)	35
PROFESSIONAL MEMBERSHIPS	<ul style="list-style-type: none"> • One Week Faculty Development Program, "Innovation Methods in VLSI Design using AI and ML" MLR Institute of Technology, Department of ECE, Hyderabad from 24/08/2023 to 30/08/2023. • One Week Faculty Development Program, "Workshop on Teaching Problem solving Using C" organized by Education Society Chapter IEEE Hyderabad Section from 03/08/2023 to 07/08/2023. • One Week Faculty Development Program "Outcome Based Education for Effective Learning and Teaching" AMET University, Kanathur - 603112, India, from 19/07/2023 to 27/07/2023. • One Week Faculty Development Program, "Artificial Intelligence, Machine Learning and its Application" Bharat Institute of Engineering & Technology, Hyderabad, from 10/07/2023 to 14/07/2023.

- One Week Faculty Development Program," Deep Learning & Its Application" Conducted by AI & ML department at Malla Reddy University, Telangana from 06/02/2023 to 11/02/2023.
- One Week Faculty Development Program," Nanotechnology: Developments and Challenges" Conducted by Applied Science Department at Narasaraopeta Engineering College, Andhra Pradesh from 26/09/2022 to 30/09/2022 (One Week).
- One Week Faculty Development Program,"VLSI Design And Circuit For AI Application" Conducted by Electronics and Communication Department at Narasaraopeta Engineering College, Andhra Pradesh from 21/09/2022 to 26/09/2022 (One Week).
- One Week Faculty Development Program," Energy Harvesting & Storage Materials & Devices" Conducted by Applied Science Department at Narasaraopeta Engineering College, Andhra Pradesh from 12/09/2022 to 16/09/2022 (One Week).
- One Week Faculty Development Program "Advanced VLSI System Design & Challenge "Organized By the Department Of Electronics and Communication Engineering, Narasaraopeta Engineering College and ENTUPLE Technologies Pvt. Ltd, during 22 August -26 August 2022.
- One Week Faculty Development Program" Research Opportunities In Emergering Areas Of Electronics And Communication Engineering, "Organized By the Department Of Electronics and Communication Engineering KPR Institute Of Engineering and Technology, Arasur , Coimbatore, India ,during 18 July-22 July 2022.
- International Online Webinar on "Artificial Intelligence for Engineering Applications" National Institute of Technical Teachers Training and Research Chennai, 5.07. 2022.
- One Week Faculty Development Program" Soft Computing Technique and Hands on the MATLAB" Organized by Department of Electronics and Communication Engineering, Aditya Institute Technology and Management from 13-18 May 2022.
- One Week Faculty Development Program "Applications of Cognitive Radio Networks" Organized by the Department of Electronics and Communication Engineering, in association with IETE from 01st to 06th April 2022.
- One Week Online International FDP on Next Generation Computing: Key Trends, Challenges and Opportunities organized by the Department of Computer Science & Applications (MCA), SRM Institute of Science & Technology, Ramapuram Campus from 18-04-2022 to 23-04-2022.
- One Week Faculty Development Program "Advanced Signal Processing, Communications using AI and ML Techniques" jointly organized by Department of ECE of GMR Institute of Technology and Sri Sairam Institute of Technology from 21st to 25th March, 2022.
- One Week online Faculty Development Programme on, "Communication Systems using Machine Learning Algorithms (CSMLA)", organized by the Department of Electronics & Communication Engineering, Annamacharya Institute of Technology and Sciences, Hyderabad , during 14 - 19 March , 2022.

- Five-Day National Level Workshop on “Revolutionizing Industrial Digital Transformation Through Connected Technologies on Siddharth Institute Of Engineering & Technology, during 28th February - 04th March, 2022.
- Two Days Faculty Development Program” Renewable Energy: Materials & Devices” National Institute of Technical Teachers Training and Research Chandigarh, 3 Feb -04 Feb. 2022.
- One Week Faculty Development Program”Wearable Device”Narayana Engineering College,Gudur,From 15-19 February 2022.
- One Week Online Faculty Development Programme on, “Machine Learning Algorithms for Dead Time Systems (MLADTS)”, organized by the Department of Electronics and Communication Engineering, Geethanjali College of Engineering and Technology, Hyderabad, in association with Indian Society for Technical Education, during 24 - 29 January,2022.
- One Week Faculty Development Program,” Industrial IoT and Robotics” National Institute of Technical Teachers Training and Research Chandigarh,22 Nov.2021-27 Nov.2021.
- One Week Faculty Development Program,” IoT Application Development Using Python Phase - IV (INDUSTRIAL IoT), Narasaraopeta Engineering College,Narasaraopet, from 7th - 12th December 2020.
- One Week Faculty Development Program,” Advances in Remote Sensing and its Applications Phase- II” Narasaraopeta Engineering College, Narasaraopet, from 14th - 19th December,2020.
- One Week Faculty Development Program” IoT Application Development Using Python (SMART HEALTH CARE”, Narasaraopeta Engineering College, Narasaraopet from 23rd - 28th November,2020.
- One Week Faculty Development Program”, Advances in Remote Sensing and its Applications”Narasaraopeta Engineering College, Narasaraopet from 26th - 31st October, 2020.
- One Week Faculty Development Program,” IoT Application Development Using Python (SMART CITY)”,Narasaraopeta Engineering College, Narasaraopet from 14th - 19th September 2020.
- One Week Faculty Development Program.”, IoT Application Development Using Python” (SMART AGRICULTURE”, Narasaraopeta Engineering College, Narasaraopet from 27th July - 1st August, 2020.
- Online International Faculty Development Programme on “Environmental Sustainability & Green Energy” organized by Electrical Engineering Department, GW CET, Nagpur from 29th June - 3rd July 2020.
- One Week Faculty Development Program “Advancement in Science and its Applications in Engineering” Organized by Department of Science & Humanities from 22 -26 June 2020.
- One Week National Level Faculty Development Program and Online Training on “PHP and MySQL” hosted by V.K.R, V.N.B & A.G.K COLLEGE OF ENGINEERING, Gudivada In Association with Spoken Tutorial Project, IIT-Bombay, funded by National Mission on Education through ICT, MHRD, Govt. of India from 18 June -24 June 2020.
- One Week Online FDP “Advances and Research Opportunities in E&TC Engineering ” Organized by Department of Electronics & Telecommunication

	<p>Engineering, SVERI's College of Engineering Pandharpur, from 10-14 June 2020.</p> <ul style="list-style-type: none"> • Five-day Online FDP "Recent Trends in Electrical Engineering" Organized by Department of EEE, Vishnu Institute of Technology, Bhimavaram during 8- 12 June 2020. • One Week Online FDP "Design of Solar Pv System Using Pvsyst Software" Organized by VaagDevi College of Engineering Department of EEE from 9-13 June 2020. • One day National Webinar on "DATA SCIENCE" Organized by Rathinam Technical Campus, Coimbatore - 21, Tamilnadu on 10th June 2020. • One-week Faculty Development Program "Six Facets in Data Science" Organized by the Department of Information Technology, St.Joseph's College of Engineering from 01-06 June 2020. • Three days online Faculty Development Program "Cyber Security" Organized by departments of Electronics and Communication Engineering, Association with ISTE, Anurag University, held on 3-5 June 2020. • One-week online Faculty Development Program "The Effective Techniques of Teaching and E- Commerce" Organized by Saraswati Institute of Technology, held on 1-5 June 2020. • One-day Faculty Development Program "Recent Trends and advancements in Electric Vehicle", Technical Education Quality Improvement Programme (TEQIP-III) sponsored, Organized by Department of Electrical Engineering, Rajkiya Engineering College Banda, held on 21 May 2020. • One-week Faculty Development Program "Research Methodology Tool and Techniques "Organized by Internal Quality Assurance Cell & Higher Learning and Research Centre, Priyadarshini College of Engineering, Nagpur from 29 May -02 June 2020. • One-day Faculty Development Program "Advances in Medical Image Processing" Organized by Department of Electronics and Communication Engineering, Narsimha Reddy Engineering College, Hyderabad, held on 5 June 2020. • One-week Faculty Development Program "IPR & Patents Online Assessment Quiz" Organized by Department of Mechanical Engineering, Malineni Perumallu Educational Society's Group of Institutions, Guntur, Andhra Pradesh, India, from 29 May -03 June 2020. • Three-Days Faculty Development Program "IOT With Artificial Intelligence"Organized by the Department of Electronics and Communication Engineering, SIR C R Reddy College of Engineering ,ELURU from 27 th -29 th May2020. • Research Techniques & Challenges Organized by Shivajirao S. Jondhle College of Engineering & Technology and Shivajirao S. Jondhle Polytechnic, Asangaon. from 26th -28th May 2020. • Advances in Python (Django and Flask), Python for Data Science and Cyber Security "Organized by the Department of Computer Science and Engineering, Chadalawada Ramanamma Engineering College, Tirupati in association with IIT, Bombay, from 21st - 27th May 2020. • Network Simulation and Protocol analysis Using NS2 NSG-2.1 and Wireshark Organized by the Department of Electronics and Communication Engineering, Narsimha Reddy Engineering College, Hyderabad held on 23 -25 May 2020.
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- Design of Drones Organized by the Department of Electronics and Communication Engineering, Sreenidhi Group of College, held on 26 -29 May 2020.
- PYTHON 3.4.3 Organized by Department of Electronics & Telecommunication, Sir Visvesvaraya Institute of Technology, Nashik in association with Spoken Tutorial IIT Bombay from 25th - 30th May 2020.
- Emerging Technologies in Electronic & Communication” Organized by Dept. of ECE , S. V Engineering College in association with the Institution of Electronics and Telecommunication Engineers (IETE) Tirupati from 18-22 May 2020.
- Evolution of Connected Industries Organized by the Department of Mechanical Engineering, Narasaropeta Engineering College, Andhra Pradesh, India on 23rd May 2020.
- Renewable Energy: Application & Entrepreneurship” Organized by Department of Mechanical Engineering, S.S.B.T.’s, College of Engineering & Technology, Bambhori, Jalgaon, (M. S.) India, held 26th –30th May 2020.
- Data Science and Cloud Computing Organized by Computer Science and Engineering Chebrolu Engineering College, Guntur (A.P) From 18 -22 May 2020.
- One-week National level Faculty Development Program “Innovation of Academics” Organized by National Science & Technology Entrepreneurship Development Board with the association of Department of Science and Technology Government of India, New Delhi from 11 May -16 May 2020.
- One Day Workshop on “Modelling and Design of low-cost Group IV Based Photo Detector “Organized by Vaagdevi Engineering College, Warngal held on 16 May 2020.
- One Week Faculty Development Program” Advanced NDT Techniques & Applications in Industry” Organized by Indian Society for Non-Destructive Testing, Hyderabad Chapter in association with Department of Mechanical Engineering, held on 25 -29 May 2020.
- One Day Workshop on “How to Become in Data Scientist” Organized by Sri Ranganathar Institute of Engineering and Technology “held on 18 May 2020.
- One-week Faculty Development Program “AL and Machine Learning” Jointly organized by electronics and ICT academies at Stanley college of technology for women, Hyderabad 23 Jan. 2018-27 Dec. 2019.
- One-week Faculty Development Program “AL and Machine Learning” Jointly organized by NIT Warangal at Sphoopthy College of Engineering, Hyderabad 02 Dec. 2018-08 Dec. 2019.
- Two-week Faculty Development Program “Innovation & Technology in Entrepreneurship” Under the Department of Science & Technology, MITS, Gwalior 6 Jan. 2018-19 Jan. 2018.
- One-week Faculty Development Program “Faculty Training & Research Development” Institute of Technology & Management (ITM), from 9 -15 January 2017.
- One-week National Workshop “Introduction of Embedded System” National Institute of Technology Teachers Training and Research, Chandigarh Under the department of Human Recourses Development, Government of India (Institute of Engineering & Technology, Alwar) from 8th - 12th February 2016.

	<ul style="list-style-type: none"> • Two Week National Workshop ISTE STTP (IIT Bombay) on “Pedagogy for effective use of ICT in Engineering Education” (Sir Padampat Singhania University, (Under the legacy of J. K. Cement Ltd.), Udaipur) from 5th January to 10th January & 16th- 19th January 2015. • Two days National Workshop on “Technology CAD & HSPICE” (Sir Padampat Singhania University,(Under the legacy of J. K. Cement Ltd.), Udaipur) from 19th - 20th February2015. • Two days National Workshop on “DSP Processors & Embedded Systems” (Sir Padampat Singhania University, (Under the legacy of J. K. Cement Ltd.), Udaipur) from 19th-20th March 2015. • Ten days National Workshop on Faculty Developing Program in (Amity University, Noida) from 10th - 22th October 2008. • “Nano-Technology in Electronics” (Amity University, Noida) from 5th February 2008.Three days National Workshop on “Bio-Informatics Technologies” (Anand Engineering College (AEC), Agra from 16th - 18th October 2006. • Three days National Workshop on “Semi-Conductor Technologies in VLSI” (Babu Anand Mohan Science Collage (BAMS)), Agra from 12th - 14th October 2006.
Details of Short-Term Training Programs/Faculty Development Programs/Seminars/Workshops (Attended)	<ul style="list-style-type: none"> • “I am E&TC Engineer” organized by Department of E & TC Engineering, SNJB’s College of Engineering, Neminagar, Chandwad held on 16 May 2020. • “World Environment Day-2020” Organized by Green Eco Organization and Youth Red Cross, Arasu Engineering College, Kumbakonam through online pedagogy on 19 May 2020. • “ Awareness Program on Outcome Based Education” Organized by Department of Aeronautical Engineering, MLR Institute of Technology, held on 20 May 2020. • “Introduction of R” Conducted by Department of Computer Science, “St Joseph’s Degree College , Kurnool on 21 May 2020. • “Covid-19 Awareness” Organized by Department of Electrical and Electronics Engineering, Sphoorthy Engineering College, held on 25 May 2020. • “Effect of Covid 2019 “automobile industryin india and around the world “Department of Mechanical Engineering, Shriram College of Engineering and Management, held on 25 May 2020. • Research trends in mitigation of voltage sag and Swell using direct convertors” Organized by CMS college of Engineering and Technology, Coimbatore, held on 26 May 2020. • “UNIX PROGRAMMING “organised bythe Department of Computer Science and Engineering, Vignan’s Institute of Engineering for Women held on 27 May 2020 • “Science and Technology Education for the New Prosperous, Happy and Healthy India” • Organized byAudisankara Group of Institutions, Gudur, Nellore, held on 28 May 2020. • “Covid-19“Organized by Government arts and Science College, held on 2nd June 2020.

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| | <ul style="list-style-type: none">• “Basic Finite Elements Analysis” Department of Mechanical Engineering, Shriram College of Engineering and Management, held on 2nd June 2020. |
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