



PRAGATI ENGINEERING COLLEGE

(AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY

2020-21

Faculty Achievements

| S.No. | Events | IT | | |
|--------------|------------------------------------|----------|-----------|----------------|
| | | Internal | External | Total Attended |
| 1 | Papers Published | -- | 14 | 14 |
| 2 | Faculty Development Programme's | -- | 34 | 34 |
| 3 | Webinars attended | -- | 09 | 09 |
| 4 | International Conferences Attended | -- | 03 | 03 |
| 5 | Training Programs attended | -- | 06 | 06 |
| 6 | Reviewers and Chaired Persons | -- | 03 | 03 |
| Total | | -- | 69 | 69 |

1. Papers Published (14):

| S.No. | Name of the faculty | Title | Journal name | Month and Year of Publication / Presentation | Indexing |
|-------|-----------------------|---|--|--|--------------|
| 1 | Mrs. D Sirisha | Predicting Rainfall using Machine Learning Techniques | International Journal of Innovative research in Technology | Sep. 2021 | UGC Approved |
| 2 | Mrs. D Sirisha | Predicting Flight Delays with Error Calculation using Machine Learning Models | Journal of Emerging Technologies and Innovative Research | Sep. 2021 | UGC Approved |
| 3 | Mrs. N V S Sowjanya | Analysis of Messages in Social Media, Identification of Suicidal Types | International Journal of Innovative research in Technology | Sep. 2021 | UGC Approved |
| 4 | Mrs. N V S Sowjanya | Text Classification on Twitter Data | International Journal of Creative Research Thoughts | Aug. 2021 | UGC Approved |
| 5 | Mr. Ch Venkata Ramana | Building Search Engine using Machine Learning Technique | International Journal of Innovative research in Technology | Sep. 2021 | UGC Approved |
| 6 | Mr. Ch Venkata Ramana | Performance Analysis of Machine Learning Classifier for Predicting Chronic Kidney Disease | International Journal of Innovative research in Technology | Sep. 2021 | UGC Approved |
| 7 | Mr. P Manish Kumar | Location Prediction on Twitter using Machine Learning Techniques | International Journal of Innovative research in Technology | Sep. 2021 | UGC Approved |
| 8 | Mr. P Manish Kumar | An Analysis of Machine Learning Classifiers in | International Journal of Creative Research | Aug. 2021 | UGC Approved |



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|----|----------------------------|--|--|-----------|--------------|
| | | Breast Cancer Diagnosis | Thoughts | | |
| 9 | Mrs. T Ganga Bhavani | An Examination System Automation using Natural Language Processing | International Journal of Innovative research in Technology | Sep. 2021 | UGC Approved |
| 10 | Mrs. T Ganga Bhavani | Alzheimer Disease Prediction using Machine Learning Algorithms | International Journal of Innovative research in Technology | Sep. 2021 | UGC Approved |
| 11 | Mr. G Satya Mohan Chowdary | Tourist Place Reviews Sentiment Classification using Machine Learning Techniques | International Journal of Innovative research in Technology | Sep. 2021 | UGC Approved |
| 12 | Mr. G Satya Mohan Chowdary | Prediction of House Pricing using Machine Learning with Python | International Journal of Innovative research in Technology | Sep. 2021 | UGC Approved |
| 13 | Mrs. Ch Sujana | Examining the Security Properties of Cloud Services - REST APIs | International Journal of Research and Analytical Reviews | Sep. 2021 | UGC Approved |
| 14 | Mr. K V V S Trinadh Naidu | Car Popularity Prediction: A Machine Learning Approach | International Journal of Innovative research in Technology | Sep. 2021 | UGC Approved |

2. FDPs (34):

| S. No. | Name of the Faculty | Designation | Workshop/FDP Name | Organized by | Duration |
|--------|---------------------|-----------------|---|---|---|
| 1 | Dr. D Sirisha | Professor & HoD | Combating Cancer: Role of MI Techniques in Prevention and Treatments | ATAL | 7 th to 11 th June 2021 |
| 2 | Dr. D Sirisha | Professor & HoD | The Revised Accreditation Framework of NAAC-2020: The Practice of Quality Initiatives by IQAC for the Quality Enhancement in HEIs | IQAC Cell, Vignan's Institute of Information Technology | 14 th & 15 th May 2021 |
| 3 | Dr. D Sirisha | Professor & HoD | Machine Learning and its Applications on Cyber Security | AQIS (AICTE) | 7 th to 12 th Dec. 2020 |
| 4 | Mrs. N V S Sowjanya | Asst. Professor | Cyber Security | ATAL | 7 th to 11 th June 2021 |
| 5 | Mrs. N V S Sowjanya | Asst. Professor | The Revised Accreditation Framework of NAAC-2020: The Practice of | IQAC Cell, Vignan's Institute of Information Technology | 14 th & 15 th May 2021 |



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| | | | Quality Initiatives by IQAC for the Quality Enhancement in HEIs | | |
|----|----------------------------|-----------------|---|--|---|
| 6 | Mr. P Manish Kumar | Asst. Professor | Recent Trends in Software Testing | ATAL | 12 th to 16 th June 2021 |
| 7 | Mrs. T Ganga Bhavani | Asst. Professor | IPR Awareness and Patent Prosecution | Oriental Institute of Science and Technology, Bhopal | 13 th to 17 th July 2021 |
| 8 | Mrs. T Ganga Bhavani | Asst. Professor | Cyber Security | ATAL | 7 th to 11 th June 2021 |
| 9 | Mrs. T Ganga Bhavani | Asst. Professor | The Revised Accreditation Framework of NAAC-2020: The Practice of Quality Initiatives by IQAC for the Quality Enhancement in HEIs | IQAC Cell, Vignan's Institute of Information Technology | 14 th & 15 th May 2021 |
| 10 | Mr. G Satya Mohan Chowdary | Asst. Professor | Data Science | ATAL | 1 st to 5 th July 2021 |
| 11 | Mr. G Satya Mohan Chowdary | Asst. Professor | Machine Learning and its Application | ATAL | 21 st to 25 th June 2021 |
| 12 | Mr. G Satya Mohan Chowdary | Asst. Professor | Machine Learning | Rise Krishna Sai Prakasam Group of Institutions, Ongole | 4 th to 6 th June 2021 |
| 13 | Mr. G Satya Mohan Chowdary | Asst. Professor | Intellectual Property | K-tech Center of Excellence Data Science and Artificial Intelligence | June 2021 |
| 14 | Mr. G Satya Mohan Chowdary | Asst. Professor | Applied Data Science: Tools and Techniques | Lakireddy Bali Reddy College of Engineering (A) | 29 th May to 2 nd June 2021 |
| 15 | Mr. G Satya Mohan Chowdary | Asst. Professor | Image Classification using Convolutional Neural Networks (CNN) | Mandsaur University | 20 th May 2021 |
| 16 | Mr. G Satya Mohan Chowdary | Asst. Professor | Inculcating Universal Human Values in Technical Education | AICTE | 14 th to 18 th Dec. 2020 |
| 17 | Mr. G Satya Mohan Chowdary | Asst. Professor | Machine Learning and its Applications on Cyber Security | Gandhi Institute for Education and Technology, Bhubaneswar | 7 th to 12 th Dec. 2020 |



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|----|----------------------------|-----------------|---|---|--|
| 18 | Mr. G Satya Mohan Chowdary | Asst. Professor | Deep Learning based Analysis of Images and Videos using Python | KIT – Kalaignarkarunanidhi Institute of Technology (A), Colmbatore | 23 rd to 28 th Nov. 2020 |
| 19 | Mr. G Satya Mohan Chowdary | Asst. Professor | ICT Tools for Engineering College Teaching and Outcome based Learning | Raghu Institute of Technology (A) | 9 th to 14 th Nov. 2020 |
| 20 | Mr. G Satya Mohan Chowdary | Asst. Professor | Data Science Technologies | Paavai Engineering College (A), Namakkal, Tamilnadu | 2 nd to 7 th Nov. 2020 |
| 21 | Mr. G Satya Mohan Chowdary | Asst. Professor | Internet of Things (IoT) | Sri Ranganathar Institute of Engineering and Technology, Coimbatore | 28 th Oct. 2020 |
| 22 | Mr. Ch Venkata Ramana | Asst. Professor | IPR Awareness and Patent Prosecution | Oriental Institute of Science and Technology, Bhopal | 13 th to 17 th July 2021 |
| 23 | Mr. Ch Venkata Ramana | Asst. Professor | Multi Technologies | Aditya Engineering College (A) | 28 th June to 3 rd July 2021 |
| 24 | Mr. Ch Venkata Ramana | Asst. Professor | Applications of Machine Learning | Shri Vishnu Engineering College for Women (A) | 15 th to 19 th June 2021 |
| 25 | Mr. Ch Venkata Ramana | Asst. Professor | Recent Trends in Computational technologies | Ashoka Institute of Engineering & Technology, Malkapur | 13 th to 18 th July 2020 |
| 26 | Mrs. Ch Sujana | Asst. Professor | Hands on Experience of Data Science using Python | Aditya College of Engineering & Technology | 3 rd to 4 th Sep. 2021 |
| 27 | Mrs. Ch Sujana | Asst. Professor | Robotic Process Automation: Tools and Techniques | ATAL | 4 th to 8 th Jan. 2021 |
| 28 | Mrs. Ch Sujana | Asst. Professor | Machine Learning and its Applications on Cyber Security | Gandhi Institute for Education and Technology, Bhubaneswar | 26 th to 31 st Dec. 2020 |
| 29 | Mrs. Ch Sujana | Asst. Professor | Augmented Reality (AR) / Virtual Reality (VR) | ATAL | 7 th to 11 th Dec. 2020 |
| 30 | Mrs. Ch Sujana | Asst. Professor | Internet of Things (IoT) | ATAL | 1 st to 5 th Dec. 2020 |
| 31 | Mr. K V V S Trinadh Naidu | Asst. Professor | Multi Technologies | Aditya Engineering College (A) | 28 th June to 3 rd July 2021 |



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|----|---------------------------------|--------------------|---|--|---|
| 32 | Mr. K V V S Trinadh Naidu | Asst. Professor | Machine Learning | Rise Krishna Sai Prakasam Group of Institutions, Ongole | 4 th to 6 th June 2021 |
| 33 | Mr. K V V S Trinadh Naidu | Asst. Professor | Intellectual Property | K-tech Center of Excellence Data Science and Artificial Intelligence | June 2021 |
| 34 | Mr. K V V S Trinadh Naidu | Asst. Professor | Image Classification using Convolutional Neural Networks (CNN) | Mandsaur University | 20 th May 2021 |

3. Webinars attended (9):

| S.No. | Name of the Faculty | Designation | Title of Webinar | Date |
|-------|-------------------------------|-----------------|---|----------------------------|
| 1 | Mr. G Satya Mohan Chowdary | Asst. Professor | Foundation of Entrepreneurship | 21 st Aug. 2021 |
| 2 | Mr. G Satya Mohan Chowdary | Asst. Professor | How to plan for Start-up and legal & Ethical Steps | 31 st May 2021 |
| 3 | Mr. G Satya Mohan Chowdary | Asst. Professor | National Education Policy-2020 for HEIs | 29 th May 2021 |
| 4 | Mr. G Satya Mohan Chowdary | Asst. Professor | Process Handling in Operating Systems | 27 th May 2021 |
| 5 | Mr. G Satya Mohan Chowdary | Asst. Professor | Research Article Writing | 18 th May 2021 |
| 6 | Mrs. T Ganga Bhavani | Asst. Professor | Research Article Writing | 18 th May 2021 |
| 7 | Mr. K V V S Trinadh Naidu | Asst. Professor | Research Article Writing | 18 th May 2021 |
| 8 | Mr. G Satya Mohan Chowdary | Asst. Professor | New Dimension of Higher Education - Opportunities for Innovation and Entrepreneurship | 7 th Nov. 2020 |
| 9 | Mr. G Satya Mohan Chowdary | Asst. Professor | Role of 5g and its application | 7 th Nov. 2020 |

4. International Conferences Attended (3):

1. D Sirisha, "An Intelligent Soot Blowing Design for Modernization of Thermal Power Plant", In the proceedings of International E-Conference on Cutting Edge Technologies in Electrical, Communication, Embedded System and Soft Computing Techniques (ICECES'20), 5th Nov. 2020 to 6th Nov. 2020, Organized by Department of EEE and ECE, Saranathan college



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of Engineering, Tiruchirapalli.

2. D Sirisha, “**Soft Computing based Modelling on Intelligent Control**”, In the proceedings of AICTE Sponsored E-Conference on Systems Modelling and System Dynamics, Organized by Bapatla Engineering College, Bapatla from 24th – 28th August 2020.
3. D Sirisha, “**System Designing on Smart Operation for Predictive Maintenance**”, In the proceedings of International Online Conference on Emerging Trends in Multi-Disciplinary Research “ETMDR-2020, during 23rd - 25th July 2020, published in TEST Engineering and Management, vol. 83, pp: 498 – 500, issue: July - August 2020, ISSN: 0193-4120.

5. Training Programs attended (6):

| S. No. | Name of the Faculty | Designation | Training Program Name | Organized by | Duration |
|--------|----------------------------|-----------------|--|--|---|
| 1 | Mrs. Ch Sujana | Asst. Professor | DevNet Associate Instructor Training | Cisco Networking Academy | 30 th Aug. to 15 th Sep. 2021 |
| 2 | Mr. K V V S Trinadh Naidu | Asst. Professor | Android Development with Kotlin Train-the-Trainer Program | APSSDC | 16 th to 21 st Aug. 2021 |
| 3 | Mr. G Satya Mohan Chowdary | Asst. Professor | Innovation Ambassador training (Foundation Level) | MoE's Innovation Cell & AICTE | 30 th June to 30 th July 2021 |
| 4 | Mrs. N V S Sowjanya | Asst. Professor | Tableau Workshop | AICTE-NEAT | 5 th & 6 th July 2021 |
| 5 | Mr. G Satya Mohan Chowdary | Asst. Professor | Cybersecurity Foundation, Network Security, Cloud Security & Security Operations Fundamentals Train the Trainer Course | Palo Alto Networks Cybersecurity Academy | 7 th to 12 th June 2021 |
| 6 | Mr. G Satya Mohan Chowdary | Asst. Professor | Effective Solutions for Industrial Problems using Spark and Azure | Excelr and JNTUK | 21 st Oct. to 17 th Nov. 2020 |



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6. Reviewers and Chaired Persons (3):

| Name of The Faculty | Name of the journal/Conference | Month and year |
|---------------------|--|----------------|
| Dr. D Sirisha | “A Study on Heuristic Task Scheduling Optimizing Task Deadline Violations in Heterogeneous Computational Environments” for IEEE Access | Oct, 2020 |
| Dr. D Sirisha | “Minimizing Total Completion Time in Mixed-Blocking Permutation Flowshops” for IEEE Access | June, 2020 |
| Dr. D Sirisha | “An Algorithm Incarnating Deep Integration of Hardware-Software Energy Saving Principles for Nonlinear Heterogeneous Green Scheduling” for IEEE Access | June, 2020 |