

Ms P Poornima

Assistant Professor



Education Qualifications: M.Tech (CSE), (Ph.D)
Specialization: IoT Forensics

ADDRESS:

- D- Block -Room No :205

JNTUH ID:

93150402-164638

EMAIL:

ppoornima_cse@mgit.ac.in

DATE OF JOINING:

18-08-2006

EXPERIENCE - 17 Years

- Teaching - 17

SUMMARY:

- Publications - 15
- Conferences - 2
- Patents - 1

EVENTS:

- Organized - 03
- Attended - 24

Membership of Professional Bodies:

1. International Association of Engineers IAENG
2. Indian Society for Technical Education ISTE

Responsibilities Held at Institution Level:

1. College IQAC Committee Member
2. Coordinator of SATAT-Framework for Eco-Friendly and Sustainable Quality Development.

Responsibilities Held at Department Level:

1. Department Organized FDP's/ Workshop's/ Webinars or Seminars File.
2. Student's Publications File.
3. Faculty Attended Webinars/ Seminars.

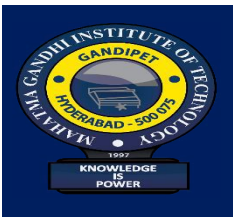
Courses Handled at Under Graduate /Post Graduate Level:

UG:

Compiler Design , Mathematical Foundation of Computer Science , Operating Systems, Linux Programming , Discrete Mathematics , Principles of Programming Languages, Object Oriented Analysis and Design , Database Security, Computer Networks , C Programming

Publications:

1. P Poornima, Tirunagari Vyshali, "Liver Cancer Detection using Image Processing", Bioscience Biotechnology Research Communications, P-ISSN: 0974-6455 E-ISSN: 2321-4007, Vol:14 No (9), July 2021 (**Web of Science**).
2. B Poornima, Dr Savadam Balaji, "Cyber Security for ATM Terminals, Annals of The Romanian Society for Cell Biology", ISSN:1583-6258, Vol. 25, Issue 4, 2021, Pages. 8785 - 8789, April 2021 (**Scopus Indexed**).
3. P Poornima, Boyapati Sushmitha, "Prediction of Water Consumption Using Machine Learning Algorithm", Springer, ISBN: 978-981-15-7960-8, October 2020 (**Springer**).
4. B Poornima, G Naga Sujini, D Gyana Deepika, "FIFA Outcome Prediction using Machine Learning Techniques" International Journal of Computer Engineering and Applications Volume xv, Issue vi, June-2021, ISSN 2321-3469.
5. G Naga Sujini, P Poornima, Y V Kashyap, "Identification of Pneumonia Using Deep Learning", International Journal for Science and Advance Research in Technology - Volume 7 Issue 6, JUNE 2021, ISSN [ONLINE]: 2395-1052.



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6. P Poornima, Aravind Setti, “Finger Vein Based Recognition System Using LBP Method”, International Journal for Science and Advance Research in Technology- Volume 7 Issue 6, JUNE 2021, ISSN [ONLINE]: 2395-1052.
7. P Poornima, G Naga Sujini, Tirunagari Vyshali, “Prediction of Diabetes Using Different Machine Learning Classifiers”, International Journal of Computer Engineering and Applications, Volume xv, Issue Iii, www.ijcea.com ISSN 2321-3469, March 2021.
8. P Poornima, Aravind Setti, “Cardiovascular Disease Prediction Model by Using Machine Learning and Flask Api”, International Journal of Information And Computing Science, Volume 8, Issue 4, ISSN No: 0972-1347, April 2021.
9. P Poornima, Mayur Vastari, “Virtual By-Passing of Query Server for Privacy of Users of Continuous Location Based Services”, International Journal of Innovative Technology and Exploring Engineering, ISSN: 2278 - 3075, Volume-9 Issue -8, June 2020.
10. P Poornima, T Bhavaya Sai, “Coal Mine Monitoring System Using Arduino and Lora”, International Journal of Soft Computing and Engineering (IJSCE), ISSN: 2231-2307, Volume-10 Issue-1, July 2020.
11. P. Poornima, G. Rithin Surya Sainadh, “A Novel Motion Detection Method Using Background Subtraction Modifying Temporal Averaging Method”, International Journal of Computer Engineering and Applications, Volume Xi, Issue Iv, April 17.
12. P. Poornima, B.Swetha, “An Overview Of Facial Movement Features On The Way To The Discovery Of Facial Expression”, International Journal Of Reviews On Recent Electronics And Computer Science, ISSN 2321-5461, Volume-1/Issue-6/1075-1080, October 2013.
13. Y.Ramadevi, B.Poornima, T.Sridevi, “A Novel Threshold Based Edge Detection Algorithm”, International Journal of Engineering Science And Technology, Issn: 0975-5462, Vol. 3 No. 6, June 2011.
14. B.Poornima, Y.Ramadevi, T.Sridevi, “Threshold Based Edge Detection Algorithm”, International Journal of Engineering and Technology, ISSN 1793-8236, Vol.3, No.4, August 2011.
15. Y.Ramadevi, T.Sridevi, B.Poornima, B.Kalyani, “Segmentation And Object Recognition Using Edge Detection Techniques”, International Journal Of Computer Science & Information Technology, ISSN 2394-6849, Vol 2, No 6, December 2010.

Conferences:

1. P Poornima, “Web Application for Automobile Service”, A Two Day AICTE Sponsored Online International Conference on Data Science, Machine Learning and its Applications, 9th-10th October 2020.
2. P Poornima, “Prediction of Water Consumption Using Machine Learning Algorithm”, 2nd International Conference on Advances in Computing and Communication Technologies (ICACCT-2019), CMR COLLEGE, Dec-2019, **Springer**, ISBN: 978-981-15-7960-8, October 2020.

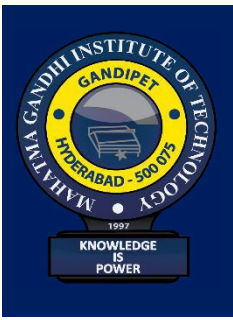
Patents:

1. Patent on “Air Quality Monitoring Device Using Internet of Things”, Granted Date: 21-08-2020, Patent Number:202041031947A

Events Organized:

FDPs/STTPs:

1. One Week FDP on “Image Processing” conducted by Computer Science and Engineering Department, Mahatma Gandhi Institute of Technology, Hyderabad in 2014.



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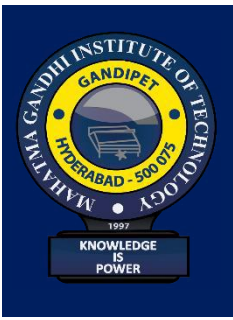
Refresher Courses/ Workshops/ Webinars/ Seminars/ Guest Lecture:

2. Two-day workshop on “Internet of Things” conducted by CSI Student Branch Activity Techastra, Mahatma Gandhi Institute of Technology, Hyderabad from 08-11-2020 to 09-11-2020.
3. Online Webinar on “Crafting Quality Research for Academic Excellence” Mahatma Gandhi Institute of Technology, Hyderabad on 27-07-2020 from 5:00 PM to 6:00 PM.

Events Attended

FDPs/STTPs:

1. One Week Online Faculty Development Program on “Role of Machine Intelligence for Information Retrieval” organized by the Department of Computer Science & Engineering of GMR Institute of Technology, Rajam in association with CSI and ISTE during July 06-11, 2021.
2. AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Block Chain Technologies" from 06/09/2021 to 10/09/2021 at University College of Engineering (A) Kakinada JNTUK.
3. AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Introductory Data Science and Deep Learning" from 16/07/2021 to 20/07/2021 at International Institute of Information Technology - Naya Raipur.
4. online short-term course titled Computer Vision - the Artificial Intelligence for an Eye conducted as a part of quality improvement program of AICTE, Organized by Pattern Analysis & Machine Intelligence Lab Department of Computer Science & Engineering Indian Institute of Technology Indore, from February 21 – 26, 2022.
5. Assistant Professor of Mahatma Gandhi Institute of Technology participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Advanced FDP on "Cyber Security and Incident Analysis: A Practical and Investigative approach" from 23/08/2021 to 27/08/2021 at Andhra University College of Engineering (A).
6. AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Recent Trends and Challenges in Image Processing and Computer Vision" from 29/11/2021 to 03/12/2021 at University School of Information and Communication Technology, Guru Gobind Singh IP University.
7. Introductory Data science and Deep Learning, ATAL FDP, 16th-20th July, 2021.
8. Cyber Security and Incident Analysis, ATAL FDP, 23rd-27th August 2021
9. IOT Fundamentals-Connect Things, 8th July-12th July 2019 (1-week), IT, MGIT.
10. NAACs New Framework for Accreditation and Assessment of HEIs: Opportunities and Challenges, 19th-21st September 2019 (3-Days), GNITS, Hyderabad.
11. Machine Learning and its Applications, 10th-17th April 2020(1week), E & ICT Academy, IIT Roorkee.
12. Augmented Reality (AR)/ Virtual Reality (VR), 25th- 29th May(1-Week), ATAL FDP, IIT Patna.
13. One-week National Level FDP on “Machine Learning Through Mathematical Modelling Supported with Python & R-Soft”, organized by Departments of M&H, CSE, IT of MGIT, 2 nd-7th July 2018.



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14. Participated in One week FDP on “Applied Machine Learning using Python” organized by CSE Dept., in association with Pantech ProEd Pvt. Ltd. MGIT, 18th-23th December 2017.
15. Participated One-week National Level FDP on “Internet of things with Raspberry PI & Network Simulator (NS-2)” IT Dept., MGIT in association, 17th -21th October 2016.

Refresher Courses/ Workshops/ Webinars/ Seminars/Guest Lecture:

1. Orientation/ Refresher Program on “IoT and Machine Learnig”,03-12-221 09-12-2021, JNTUA, Andhra Pradesh.
2. Online Tools & Software for Remote Teaching Learning, 24th-25th April (2-day) 2019, UGC, HRDC, JNTUH Hyderabad.
3. Workshop on data Analytics, 26th May 2021, MGIT.
4. Webinar on Introduction to R in Statistical Analysis, 5th April, CSI, IEEE.
5. Orientation Course JNTUH, HYD, 10.06.2013 to 06.07.2013 (4Weeks)
6. Refresher Course JNTUH, HYD, 06.06.2016 to 25.06.2016 (3Weeks)
7. Participated in two-day Workshop on “Next Generations devices and Computing” at CSE Dept, CBIT, 28th -29th November,2014
8. Participated in two-day Workshop on “Wireless Networks and Applications” at ECE Dept, CBIT, 28th -29th November,2014
9. Attended 5-day National Workshop on “.Net Technologies”,ECM Dept, SNIST, 18th -22nd June ,2012

Online Certifications:

1. Digital Forensics Concepts March 14th, 2022 COURSERA
2. Programming for Everybody (Python) 14th April 2020 COURSERA.
3. AI for Everyone 21st May 2020 COURSERA.
4. Programming Essentials in Python, CISCO, 26th August.
5. Foundations to Open Education and OER’s Repositories, 31st March 2020, with 100% Grade, MOOCS.
6. Fundamentals of AI with **ELITE SILVER** Certification, Sep-Dec 2020 (12 Weeks), NPTEL.
7. Industry 4.0 and Industrial Internet of Things with **98% Score**, Jan- April, 2020 (12 Weeks), NPTEL.
8. Internet of Things with **ELITE SILVER** certification, July-Oct 2020 (12 Weeks) NPTEL.
9. Compiler Design with **ELITE** 67% Score, Jan- April, 2019 (12 Weeks), NPTEL.

Any Other Contributions

1. Actively participating in Social Welfare Activities.
2. Conducting GATE classes under PRERANA Scheme.
3. Training Students for Placements.