Ms. D. Deepika
Assistant Professor

Education Qualifications: Master of Technology
Specialization: Computer Science

ADDRESS:
- D – Block -Room No -207

JNTUH ID:

52150404-211436

EMAIL:

ddeepika_cse@mgit.ac.in

DATE OF JOINING:

18-06-2005

EXPERIENCE - 17 Years
- Teaching - 17

SUMMARY:
- Publications - 15
- Conferences - 2
- Honors/Awards - 2

EVENTS:
- Organized - 4
- Attended - 17

Membership of Professional Bodies:

1. Life Member of Indian Society for Technical Education(ISTE) LM128766
2. Life Member of International Association of Engineers (IAENG) 276660

Responsibilities Held at Department Level:

1. CSE Department Library In charge
2. In charge of Faculty Data of the Department
3. Project Coordinator for IV CSE-1 AY 2021-22
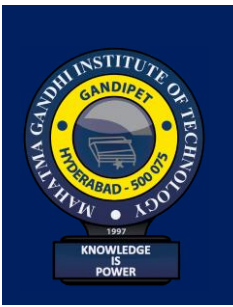4. Department web team committee member

Honors/Awards Received:

1. Secured **Best Paper Award** in National E-Conference on "Recent Trends in Computer Engineering & Applications(NCRTCEA-2020)" for the paper Travel Time Optimization using Machine Learning during May 24th 2020 held at Jagadambha College of Engineering & Technology, yavatmal, Maharashtra.
2. Received **Guinness World Records** Participation certificate for taking an online computer programming lesson in 24 hours organized by GUVI Geek Network Pvt. Lmt & AICTE-India, NEAT

Courses Handled at Under Graduate /Post Graduate Level:

- **UG:** Java Programming, OOP through Java, Data Mining, Computer Graphics, Web Technologies, Mathematical Foundations of Computer Science, Programming for Problem Solving, Information Security, IT workshop, Python Programming Lab

- **PG:** Data Warehousing and Data Mining, Network Programming, Information Security and Management

Publications:

1. Tejaswini Nakirekant D.Deepika, "Attention Based Image Captioning using Deep learning", International Journal of Innovative Research in Advanced Engineering (IJIRAE) Volume 8 Issue 12- December 2021 ISSN: 2349-2163
2. D.Deepika, M.Keerthi Reddy, "Analysis and Prediction of Covid-19 in India", IJSART Volume 7 Issue 6- 2021 ISSN(ONLINE):2395-1052
3. D.Deepika,Nihal Chandra, "Customer Churn Prediction using Machine Learning" International Journal of Future Generation Communication and Networking Vol.14,No.1, 2021 pp. 1482-1495
4. A,Krishna Kumar, D.Deepika, "Automated Monitoring of Crop Type Statistics, using image Classification" International Journal of Software & Hardware Research in Engineering ISSN:2347-4890, Volume 9 Issue 4 2021
5. S.Karthik, D.Deepika "Image Super Resolution and Automatic Colourization", International Research Journal of Engineering and Technology (IRJET), Volume: 07 Issue: 05 | May 2020 e-ISSN:2395-0056 p-ISSN:2395-0072

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6. P.Prashanti, D.Deepika "Travel Time Optimization Using Machine Learning", International Journal of Computer Engineering and Applications, Volume IV, Issue I & II, May2020

7. A.Krishna Kumar, D.Deepika "Mathametical Modelling of Full Adder using Carbon Nanorods", International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-9 Issue-7, May 2020 ISSN: 2278-3075

8. D.Deepika,A.Krishna Kumar,Monelli Ayyavaraiah,Shoban Babu Sriramoju "Phases of Developing Artificial Intelligence and Proposed Conversational Agent Architecture", International Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-8 Issue-12, October 2019 ISSN: 2278-3075 (Scopus)

9. A.Krishna Kumar, G.Ashritha, D.Deepika "Design of Vending Machine using Verilog HDL", Journal of Emerging Technologies and Innovative Research (JETIR), Volume-5 Issue-7, July 2018 ISSN: 2349-5162

10. D.Deepika, A.Krishna Kumar, K.Swetha Reddy, K.Shiva Adithya "Finger Vein Authentication using Biometric Graph Method", International Journal of Research (IJR), Volume-4 Issue-14, November 2017 ISSN: 2348-6848

11. D.Deepika, D.Satya Bhavani, D.Ashritha, D.Hemanth Kumar Reddy "Imbalanced Datasets", International Journal of Current Research (IJCR), Volume-7 Issue-4, pp.15031-15033 April 2015 ISSN: 0975-833X

12. D.Deepika, B.Lavanya, G.Mounika, "A Framework for Empirical Evaluation of Classifier Security", International Journal of Industrial Electrical, Electronics, Control and Robotics (IJIEECR), Volume-3 Issue-5, pp.1356-1363, April 2015 ISSN: 0913-6387

13. N.Pavan Kumar, D.Deepika "A Competent System for Supporting Quality of Service in Wireless Systems", International Journal of Reviews on Recent Electronics and Computer Science (IJRRECS), Volume-2 Issue-8, pp.3046-3050 August 2014 ISSN: 2321-5461

14. Sitarami Reddy Polimera, D.Deepika "Confidential Data Recovery for a Single Database through Invariable Communication Rate", International Journal of Reviews on Recent Electronics and Computer Science (IJRRECS), Volume-1 Issue-6, pp.1070-1074 October 2013 ISSN: 2321-5461

15. Deepika Rani K, D.S Bhavani, K.Ravi Kishore, D.Deepika "Data Transmission using TCP, GZIP & TINY Algorithms", International Journal of Engineering Research and Applications (IJERA), Volume-2 Issue-1, pp.672-677, Jan-Feb 2012 ISSN: 2248-9622
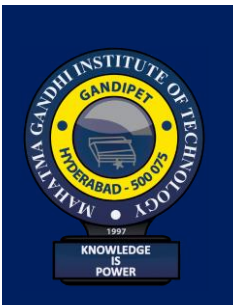
Conferences:

1. A. Sangeetha, D.Deepika "A Survey on Information Security for Association Rule Mining in Large Databases" National Conference on Information Security (NCIS-2015) ISBN: 978-93-85100-32-1

2. D.Deepika, P.Prashanti "Travel Time Optimization using Machine Learning" National E-conference on "Recent Trends in Computer Engineering & Application's" (NCRTCEA-2020) held at Jagadambha College of Engineering & Technology, Yavatmal, Maharashtra, India.

Events Organized:

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

1. Organized One-week National level workshop on "Azure Serverless Computing" in association with Wilma Technologies from 10-08-2020 to 14-08-2020.

2. Organized Webinar on "Brain Computer Interface" on 12-07-2020

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3. Convener of QUBIT 2015- A National level technical symposium organized by Department of CSE on 13th and 14th March 2015.
4. Convener of "Workshop on Firefox Mobile OS APP Development" organized by Department of CSE in collaboration with E-Swecha on 2nd and 3rd March 2015.

Events Attended

FDPs/STTPs:

1. Six-Week Technology based Enterpreneurship Development Programme on Deep Learning Oraganized by Sumathi Reddy Institute of Technology for Women sponsored by DST, Government of India from 15th Feb 2021 to 27th Mar 2021.
2. One –week workshop on Yoga – A Science of Breath and Meditation for Subtle Energy Channeling from 06th July 2020 to 10th July 2020 Organized by MGIT in association with Datta Kriya Yoga International Center.
3. One-week ATAL FDP on Data Sciences from 11th May 2020 to 15th May 2020 organized by NIT Nagaland.
4. One-week FDP on R Programming from 27th April 2020 to 01st May 2020 organized by Indo Global Group of Colleges, New Chandigarh in association with IIT Bombay Spoken Tutorial.
5. One-week FDP on IoT Fundamentals:Connecting Things from 08th to 12th July 2019 organized by MGIT.
6. One week National Level FDP on "Machine Learning through Mathematical Modeling supported with Python &nR-Soft", organized by Departments of M&H,CSE&IT of MGIT in collaboration with E&ICT Academy, NIT, Warangal from 2nd to 7th July 2018.
7. One-week FDP on "IoT Development and Analytics" from 12th to 17th March 2018 organized by Department of CSE in association with SmartBridge Educational Services, Hyd.
8. One-week FDP on "Applied Machine Learning using Python" organized by Department of CSE in association with Pantech ProEd Pvt. Ltd. From 18th to 23rd December 2017.
9. AICTE Sponsored Two-week FDP on "Research Trends in Digital Image & Video Processing" organized by Department of ECE,MGIT from 4th to 16th December 2017.
10. One-week National Level FDP on "Emerging Trends, Issuses and Challenges in Big Data & Cloud Computing" sponsored by TEQIP-II during 20th to 25th February 2017 by Department of CSE,CBIT.
11. One-week FDP on "Image Processing and its Applications" conducted by Department of CSE, MGIT from 15th to 19th December 2014.
12. Two-week FDP in Entrepreneurship from 22nd April to 4th May 2013 organized by Entrepreneurship Development Cell, MGIT(Funded by AICTE).
13. Two-week Faculty Updation Training on "Linux Driver Development" organized by C-DAC, Hyderabad in collaboration with JNTUH as a part of PREPARE FUTURE project, HRD Division, Dept. of IT, Government of India from 17th May to 28th May 2010.

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

1. One –week workshop on Yoga – A Science of Breath and Meditation for Subtle Energy Channeling from 06th July 2020 to 10th July 2020 Organized by MGIT in association with Datta Kriya Yoga International Center.

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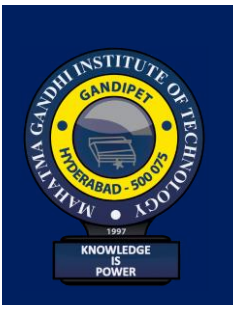   18-06-2005

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2. One –week workshop on Yoga – A Science of Breath and Meditation for Subtle Energy Channeling from 06th July 2020 to 10th July 2020 Organized by MGIT in association with Datta Kriya Yoga International Center.
3. UGC – Academic Staff College, JNTUH Sponsored Refresher course on "The current Technology Trends in Information Technology" from 9th to 28th June 2014.
4. UGC – Academic Staff College, Osmania University sponsored Orientation from 3rd June to 1st July 2013.

Online Certifications:

1. NPTEL Online certification on "Computer Networks" from 08th August to 31st October, 2019 (12 Weeks) offered by Mr. Anand More of Devi Ahilya Vishwavidyalaya, Indore.
2. NPTEL Online certification on "Problem Solving through Programming in C", Jan-Apr- 2020(12 Weeks) IIT Kharagpur
3. Course completed on "Introduction to IoT" by Cisco Networking Academy.
4. Coursera course on Programming for Everybody (Getting Started with Python)- University of Michigan
5. Coursera course on AI for Everyone - deeplearning.ai
6. Coursera course on Introduction to Data Analytics -IBM
7. Online course on Fundamentals of Convolution Neural Network(CNN) – Udemy
8. Online Course on Brain Computer Interface – Udemy
9. OER course on "Foundations to Open Education and OERs repositories" - UNED Abierta OER(Open Education Repositories)

Any Other Contribution:

1. Life Membership in Indian Red Cross Society.
2. Mentored the team MIND SPARK in Internal Hackathon for Smart India Hackathon 2020 on 21st January 2020 at MGIT, Hyderabad.
3. Participated in various Social Responsibility Activities