N.Sree Divya
Assistant Professor

Education Qualifications: Mtech,(Ph.D) (Computer Science)
Specialization: VANET's

ADDRESS:
- D – Block -303

JNTUH ID:

41150402-1120151

EMAIL:

nsreedivya_it@mgit.ac.in

DATE OF JOINING:

12-07-2007

EXPERIENCE - 15 Years
- Teaching - 15
- Research -0
- Industry -0
- Others –

SUMMARY:
- Publications - 11
- Conferences - 8
- Patents – 2
- Honors/Awards - 1

EVENTS:
- Organized - 7
- Attended - 75

LET'S MEET ON SOCIAL:

- https://www.facebook.com/mgithyderabad
- https://www.instagram.com/mgithyderabad
- https://www.linkedin.com/company/mgithyderabad
- https://twitter.com/MGIThyderabad

Membership of Professional Bodies:

1. Life Member of Indian Society for Technical Education (ISTE).
2. Life Member of National Service Scheme (NSS)

Responsibilities Held at Institution Level:

1. Discipline Committee Member.
2. Anti Ragging Committee Member.
3. Nirvana-20 Event Committee Member

Responsibilities Held at Department Level:

1. Time Table In charge from 2018 to till date.
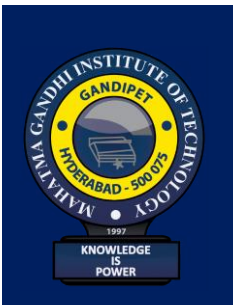2. YUKTI Event Organizer

Honors/Awards Received:

1. NPTEL-GOLD on "Introduction to Internet of Things, Got 98 percent, 2019.

Courses Handled at Under Graduate /Post Graduate Level:

- **UG:** C Programming,, Data Communications & Computer Networks, Mathematical Foundations of Computer Science, Software Testing Methodologies, Software Project Management, Discrete Mathematics, Discrete Structures, Artificial Intelligence.

- **PG:** Wireless Networks, Software Process & Project Management.

Publications:

1. "An Adaptive Cluster Based Vehicular Routing Protocol For Secure Communication", Springer "Wireless Personal Communications", 9th July 2021.
2. "A Novel African Buffalo Based Greedy Routing Technique for Infrastructure and Cluster Based Communication in Vehicular Ad-hoc Network". Journal of Theoretical and Applied Information Technology, 15th March 2021. Vol.99. No 5.
3. "A novel hybrid Optimized vehicle routes to enhance the vehicular ad hoc network communication". Materials Today: Proceedings 2214-7853/ 2021 Elsevier Ltd.
4. "An Efficient Data Dissemination Method for VANET with the help of RSUs". International Journal of Advanced Science and Technology Vol. 29, No. 6, 2020.
5. "Data Integrity Verification For Cloud Storage By Using Block Chain With Low Energy Consumption", Science Technology and Development, Volume IX Issue XI NOVEMBER 2020.
6. "Weighted Strength Degree Approach To Find Most Vital Nodes In Software Network", Journal of Engineering Sciences, Vol. 11, No. 2, 2020
7. "A Theoretical Research on Routing Protocols for Vehicular AD HOC Networks (Vanets)". International Journal of Recent Technology and Engineering (IJRTE) Volume-8, Issue-1S4,2019.
8. "Data Storage Security and Privacy in Mobile Cloud Computing Using Hierarchical Attribute Based Encryption (HABE)", International Journal of Computer Sciences and Engineering, Vol.-7, Issue-6, June 2019

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9. "Enhanced Ant Colony Optimization Multipath Routing In Vanet's". Jour of Adv Research in Dynamical & Control Systems, Vol. 10, No. 8, 2018.
10. "Enhanced Reactive Location Service for Packet Delivery in Vehicular Ad-Hoc Networks", International Journal of Engineering and Technology (IJET), Vol 9 No 4 Aug-Sep 2017.
11. "Scheme of the query processing system for web search engine", International Journal of Reviews on Recent Electronics and Computer Science Vol. 1, No. 8, 2013.

Conferences:

1. "Congestion Aware Multi-Path Routing Protocol with Load Balancing for MANET" Presented in the ICRAESIT conducted on 15th Dec by BVRIT, Hyderabad.
2. "Keyword based Nearest Neighbor Search" in ICICSIT-2015 @ MGIT , Hyderabad.
3. " Security in Cloud through Homomorphic Encryption" in ICICSIT-2015 @ MGIT , Hyderabad
4. "Performance of Web Search Engine using Different Levels of Cache" Presented in the International Conference on Computer & Communication Technologies 2K14 during March 28 – 29, 2014.
5. 5. "Adding Version Pruning Module in Blobseer" Presented in the International Conference on Computer & Communication Technologies 2K14 during March 28 – 29, 2014.
6. "Searching Nearest Neighbour efficiently using key words" Presented in NCCNIS-2015 at Vasavi College of Engineering, ISBN:978-93-82570-53-0
7. "Performance Analysis of Cache Based Web Search Engine" Presented in the National Conference on Emerging & Innovative Trends in Computer Science at Vasavi Engineering College, Hyderabad, during 1-2 April 2014.
8. "Blobseer with Version Pruning Module for Fast Retrieval of Historical Data" Presented in the National Conference on Emerging & Innovative Trends in Computer Science at Vasavi Engineering College, Hyderabad, during 1-2 April 2014.

Patents:

1. Patent published Title "Intelligent Iot System For Agriculture Environment Control" with Application No.202041010147 A, Publication Date: 13th March 2020.
2. Patent published Title "Dataset Discovery In Data Investigative Using Machine Learning And Ai Based Programming". with Patent No. 2020101987, Publication

Research & Consultancy:

1. Open BCI Oremi, Singapore Feb 2020.

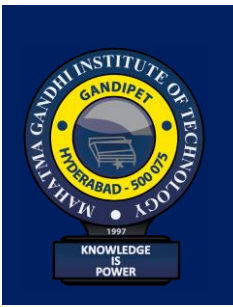## Events Organized:

Conferences:

1. Organising committee member in ICICSIT-2015 @ IT, MGIT , Hyderabad .

FDPs/STTPs:

1. Fdp On "The Role Of Linear Algebra In Machine Learning, Artificial Intelligence & Data Science" By Dept's Of M&H, CSE & IT from Nov 29th to Dec 3rd.
2. FDP on "Cyber Attacks and Digital Forensics" 20th to 24th July, 2020 @ IT, MGIT.

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

1. Two days work shop on "Machine Learning using Python", 17th & 18th Sept 2021, @ IT, and MGIT.
2. Two day Webinar Series on"ICT Enhanced Teaching & Learning 2.0", 08th& 9th Aug, @ IT, MGIT.

3. Online webinar on "Introduction to DATA ANALYTICS', 08th Aug, @ IT, MGIT.
4. National Level Online Workshop on "Deep Learning", 03rd to 07thAug, 2020, @ IT, MGIT.
5. Served as Organizer in Hackathon on "Cyber Security", Organized by MGIT in association with JHUB.

Events Attended:

FDPs/STTPs:

1. Faculty Development Programme (FDP) on BLOCKCHAIN TECHNOLOGY Organized by Tata Consultancy Services in association with G. Narayanamma Institute of Technology and Science(For Women), Hyderabad 05.07.2021 to 09.07.2021
2. Faculty Development Programme (FDP) on "Emerging Technologies in Artificial Intelligence, Data Science and Cyber Security"Organized By Amity Institute of Information Technology Amity University Rajasthan 17.07.2021 to 21.07.2021
3. (ATAL) Academy Online Elementary FDP on "Data Science"Organized by at Indian Institute of Information Technology Kottayam from 28.07.2021 to01.08.2021.
4. (ATAL) Academy Online Elementary FDP "Technology Trends in Smart City"Organized by Indian Institute of Management Kashipur. Advisor-I, ATAL Academy Mamta Rani Agarwal Coordinator from 09.08.2021 to 13.08.2021.
5. (ATAL) Academy Online Elementary FDP "Internet of Things in 5G Wireless Communication" Organized by North Eastern Regional Institute of Science and Technology (NERIST).from 06.09.2021 to 10/09/2021.
6. Faculty Development Programme (FDP)Tools for Research & Scientific Communication Organized by Department of Electrical and Electronics Engineering, Institute of Aeronautical Engineering from 20.09.2021 to 24.09.2021.
7. Faculty Development Programme (FDP) "Recent Trends in Data analytics and Machine Learning" Organized by Dept of CSE, Vishwakarma University, Pune 20.12.2021-24.12.2021.
8. AICTE-ISTE Sponsored Online Refresher Programme "Design Thinking Pedagogical Training" Organized by Gokaraju Rangaraju Institute of Engineering and Technology(Autonomous) Hyderabad from 16.12.2021 to 22.12.2021.

9. FDP on Research, Funding Projects & IPR_Part II R&D Cell,IQAC & Dept. of EXTC, Computers & IT K. C. College of Engineering & Management Studies & Research,
Thane (E) 07.06.2021 to 09.06.2021
10. Faculty Development Programme (FDP) "Application of Machine Learning & Data Science in the Emerging Areas" Organized by Departments of CSE, IT and Artificial Intelligence, Vidya Jyothi Institute of Technology (Autonomous) 18.02.2021 to 20.02.2021
11. Online FDP on "Cyber Security" From 7th July to 12th July 2020,Organized by Department of MCA,CBIT(A) and Dept.of CSE,MGIT in association with Supraja Technologies.
12. One Week Online Faculty Development Programme on "Simulation and Modeling of Data Communications & Networks" Fromv27-31 July, 2020 Organizing by Department of ECE, Mahatma Gandhi Institute of Technology, Hyderabad, Telangana.
13. FDP on "Computer Networks Simulation Using NS2' 10th -14th Aug, 2020 Organized by Dept. of CSE,MGIT in association with Task.
14. One Week Online FDP on "Cyber Security In Practical Aspects" 1st-5th Sept,2020Organized by Dept. of CSE, Vasavi College of Engineering in

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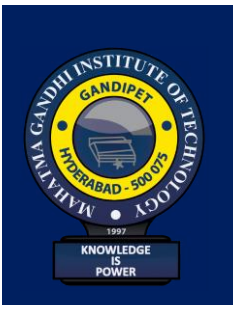- Teaching - 15
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- Industry -0
- Others –

SUMMARY:
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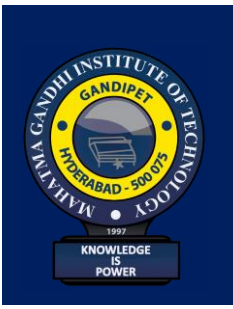- Conferences - 8
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- https://www.linkedin.com/company/mgithyderabad
- https://twitter.com/MGIThyderabad

association with Indian Servers.

15. International Webinar/ FDP on "Relevance of Mathematics to Core Engineering Sciences" ,From 12th to 16th October, 2020 Organized by Dept of CSE & M&H, Mahatma Gandhi Institute of Technology, Hyderabad.

16. AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence" ,from 2020-10-19 to 2020-10-23Organizedat Rajagiri School of Engineering and Technology.

17. AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)" from 24th to 28th Nov 2020 Organized by Army Institute of Technology.

18. Attended Phase II - AICTE Sponsored Six Days National Level Short -Term Training Programme on "Outcome Based Education for Technical Institutions", from 16th to 21st of November 2020.Organized by Internal Quality Assurance Cell (IQAC) & Department of Mechanical Engineering, Rajagiri School of Engineering & Technology.
 (2019-20)

19. International FDP on "Develop the ability to write Research Proposal", 24.04.2020 Adarsh Institute of Management and Information Technology.

20. One day FDP on "Cyber Forensics" on May 04,2020 SWEC in collaboration with INDIAN SERVERS

21. Attended AICTE approved FDP course One and Half Week FDP on "Computer Networks and Internet Protocols From 27th Jan to 17th April,2020 12 Weeks Organized by NPTEL-SWAYAM.

22. Participated in the AICTE Recognized FDP on "Internet of Things", 15-19 April, 2020, CSE Dept.
NITTTR Chandigarh AICTE Training And Learning (ATAL) Academy Training.

23. Faculty Development Program on "Block chain Technology & Its Applications", From 27th April to 1st May, 2020 Organized by EduxLabs (Esoir Business Solution LLP).

24. One Week Online AICTE MARGDARSHAN FDP on "Art of Writing Papers and Research Methodologies". From 07 - 13 May 2020, Conducted by GRIET.

25. 4 days online Faculty Development Program on "Research, Funding Projects & IPR "from 07 - 10 May 2020."Organized by IQAC, R & D Cell & Dept. of Electronics & Telecommunication under the banner of IETE and Institution's Innovation Council (IIC) of K. C. College of Engineering and Management Studies and Research, Thane (E).

26. A Three day National Level FDP on "Tools for Online Classroom Post Covid-19 from 18 - 20 May 2020.conducted by Codegnan IT Solutions

27. Five days FDP programme on "Artificial Intelligence and Machine ".from 18th May to 22nd May Conducted by Dept. of CSE , CMR Technical Campus.

28. 5 days FDP on "Role of IOT, Embedded, Electric vehicle and Power Electronics converters for the smart world" Conducted by St.Joseph's College of Engineering from 18th May to 22nd May.
Conducted by St.Joseph's College of Engineering.

29. 5 days FDP On "Introduction to Data Science using covid-19 Dataset" from 18th May to 22nd may Conducted by Codegnan IT Solutions.

30. Five Days Faculty Development Program on "Machine Learning" From 1st to 5th June, 2020. Organized by CSE Dept., Lakkireddy Bali Reddy College of Engineering.

31. Two weeks online Faculty Development Programme on "Machine Learning for Computer Vision" From June 29 - July 8, 2020Organized by Electronics and ICT Academies under the "Scheme of financial assistance for setting up of Electronics and ICT Academies" of the Ministry of Electronics and Information Technology (MeitY), Government of India. The programme is recognized by AICTE/UGC.

32. 5 Days STTP ON Emotional Intelligence Using AI , ML & Python from 01 -05

May 2020 organised by Build My Project in Association with Make X , Singapore.
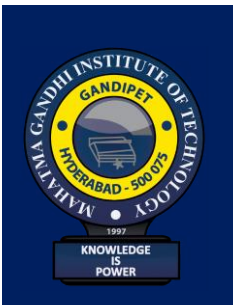
33. NPTEL-AICTE One and Half Week FDP "Introduction to Internet of Things", Organize by NPTEL
   from January to April, 2019, 12 weeks course.
34. AICTE Sponsored Two-Week FDP "Research Trends in Digital Image & Video Processing" organized by ECE dept, MGIT from 4th to 16th December 2017.
35. FDP "Emerging Trends, Issues and Challenges in Big Data and Cloud Computing" Sponsored by TEQIP-II organized by CSE, CBIT from 20th to 25th February, 2017.
36. FDP "Project Management from an Industry Perspective" held at MGIT
37. One week FDP "Image Processing and its Applications" conducted by CSE at MGIT from 15th to 19th December 2014.
38. FDP "Introduction to Service Oriented Architecture and Cloud Computing" held on at MGIT 15th November, 2014.
39. Attended FDP on "Project Management from an Industry Perspective" held on 08 March, 2015 at MGIT.
40. Attended One week FDP on "Image Processing and its Applications" from 15th to 19th December 2014 conducted by CSE at MGIT.
41. Attended FDP on "Introduction to Service Oriented Architecture and Cloud Computing" held on 15th November, 2014 at MGIT.
42. Faculty Development Programme on "Mobile Applications Development &Testing Methodologies" From 6 – 8 Aug.'12 at MGIT, Hyderabad.

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

1. WorkShop ON "PYTHON PROGRAMMING" Organized by Department of MCA at Chaitanya Bharathi Institute of Technology (A), Hyderabad.16.07.2021 to 17.07.2021.
2. One day National Workshop "Recent Trends and Challenges in Block Chain Technology" organized by Department of Information technology, Chaitanya Bharathi Institute of Technology, Hyderabad, Telangana on 12.03.2022
3. Webinar "Outcomes-based Teaching, Assessments and Evaluation ".Organized by InPods Ed-tech on17.09.2021
4. AICTE-ISTE Orientation/Refresher Program 'Emerging Trends on IOT". Conducted by Guru Nanak Institutions Technical Campus, Hyd. 17.03.2021 to 23.03.2021
5. International Webinar/ FDP "Relevance of Mathematics to Core Engineering Sciences"
   Organized by Dept of CSE & M&H, Mahatma Gandhi Institute of Technology, Hyderabad From 12th to 16th October, 2020.
6. Attended UGC Sponsored Refresher Course on "Data Mining Techniques" from 17th October to 5th November, 2016 at JNTUH.
7. UGC Sponsored Refresher Course on Applications of Rough Sets in Knowledge Discovery Pattern Recognition from 17th June – 6th July'13, at JNTU, Hyderabad
8. UGC Sponsored 21st Orientation Course from 20th June - 16th July '11, at JNTU, Hyderabad.
9. Talk and Discussion Attended a on "Access to Research Process- Schools of Thought" Organized by Dept. Of CSE, CBIT on 18th Oct,2019.

Online Certifications:

1. Attended Python MTA Certification Boot camp from 8th to 18th July, 2020.Organized by Codegnan IT Solutions OPC PVT.LTD.
2. "IEEE EdSoc MOOC "Foundations to Open Education and OER Repositories". Registered on Weeks program) An Online Course authorized by IEEE.
3. COURSERA "Programming for Everybody (Getting Started with Python)" Registered on 5.04.2020 (7 Weeks program) an online non-credit course authorized by University of Michigan and offered through Coursera.

4. COURSERA "Python Data Structures", Registered and Completed (7 Weeks course) on May 21st An online non-credit course authorized by University of Michigan and offered through Coursera
5. A Project-based online course on "Machine Learning using Python".27 May 2020 Conducted by Skyfi Labs.
6. Certificate of Course Completion on "CCNAv7: Introduction to Networks" course. From 22nd-27th June, 2020 Conducted by CISCO.

Any Other Contribution:

1. BOS Committee Member

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