

Ms. D. S. Bhavani

Assistant Professor



Education Qualifications: M.Tech(Computer Science), (Ph.D)
Specialization: Network Security and IoT

ADDRESS:

- A – Block – Career Development Centre

JNTUH ID:

15150406-133811

EMAIL:

dsbhavani_cse@mgit.ac.in

DATE OF JOINING:

06-12-2005

EXPERIENCE - 20 Years

- Teaching - 20

SUMMARY:

- Publications - 16
- Conferences - 3

EVENTS:

- Organized - 05
- Attended - 31

Membership of Professional Bodies:

1. Life Member of ISTE LM 44483.

Responsibilities Held at Institution Level:

1. Assistant Training and Placement Officer(ATPO)
2. Member of Academic Audit Cell.
3. Coordinator of Jeevan Kaushal-Curriculum for Life Skills.

Responsibilities Held at Department Level:

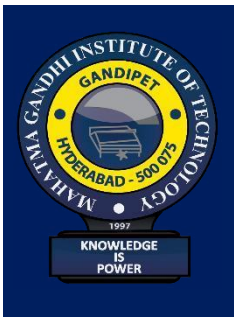
1. Faculty

Courses Handled at Under Graduate /Post Graduate Level:

1. **UG:** C Programming, Database Management Systems, Linux Programming, Shell Scripting, Computer Networks, Cryptography and Network Security, Network Programming
2. **PG:** Network Programming

Publications:

1. **D S Bhavani, P Bhavan Kumar, Liveness Detection using OpenCV**, IJSART - Volume 7 Issue 6 – JUNE 2021, ISSN [ONLINE]: 2395-1052.
2. **D S Bhavani, P Meghana Reddy, Vehicle Theft Detection using GPS and GSM**, IJSART - Volume 7 Issue 6 – JUNE 2021, ISSN [ONLINE]: 2395-1052.
3. **D S Bhavani, P Bhavan Kumar, Human Activity Recognition using Deep Learning**, Volume XV, Issue V, May 2021, www.ijcea.com ISSN 2321-3469.
4. **D S Bhavani, P Sandeep, Cataract Classification using Deep Learning Approach**, Volume XV, Issue V, May 2021, www.ijcea.com ISSN 2321-3469.
5. **D S Bhavani, P Rajyalakshmi Sobha Pavani, Identifying the User As Genuine/Malign Based on Search Logs and Search History**, IJRTE, Volume-9, Issue-1, May 2020.
6. **D Satya Bhavani, Sowmya Kalusani, IoT Enabling and Device Level Security Using Lightweight Encryption Algorithms**, JES, Vol 11, Issue 5, May/ 2020.
7. **D S Bhavani, Dasoji Harikanth, Ravali Sri Kodali, Enabling Cloud Storage Auditing with Key Exposure Resistance**, IJMETMR, ISSN:2348-4845.
8. **D S Bhavani, P Badrinath, B Akhil Reddy, Continuous and Transparent User Identity Verification for Secure Internet Services**, IJMETMR, ISSN:2348-4845.



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9. **D S Bhavani, C Sai Likhitha, C Vijayasree, Secure and Authenticated Reversible Data Hiding in Encrypted Image Using Least Significant Bit and Embedding Techniques**, IJSETR, ISSN 2319-8885, Vol.06, Issue.15, April-2017.
10. **Deepika Rani K, D S Bhavani, K Ravi Kishore, D Deepika, Data Transmission Using TCP, GZIP & Tiny Algorithms**, IJERA, Vol. 2, Issue 1, Jan-Feb 2012, pp.672-677, ISSN: 2248-9622.
11. **D S Bhavani, Sharada, Communication of Mobile Data Dissemination on Vehicular Delay Tolerant Networks**, IJR, p-ISSN: 2348 -6848, Volume 04 Issue 05, April 2017.
12. **D S Bhavani, G Praveen Babu, REVIEW: Identifying the Behaviour of Vulnerabilities by Attacking Servers Using AJECT Tool**, International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622.
13. **Nunna Rana Pratap, D S Bhavani, Effect of Ad-Hoc System on Mobile System on Mobile Value Structures**, IJRRECS, ISSN 2321 – 5461, Vol.02, Issue.08, August 2014.
14. **D Deepika, D S Bhavani, Imbalanced Datasets**, IJCR, ISSN 0975 – 833x, Vol.07, Issue.04, April 2015.
15. **D S Bhavani, Rajyalakshmi, Reduction of SQL Injection & XSS Attacks using IPAAS**, ISSN 2231 – 2803, Vol.06, Issue.05, December 2013.

Conferences:

1. **D S Bhavani, Sowmya Kalusani, Enterprise Software Quality Management-Test Data Management API**. ISBN:978- 93-88808-57-6, Recent Trends in Electrical Engineering, Department of EEE, MGIT.
2. **D S Bhavani, P Rajyalakshmi Sobha Pavani, Melanoma Skin Lesion Classification**, ISBN:978- 93-88808-57-6, Recent Trends in Electrical Engineering, Department of EEE, MGIT.
3. **D S Bhavani, N Likhitha Varma, ICCIC-2022, Springer Nature Proceedings, A Proficient Digital Signature Scheme using Light weight Cryptography**, Bengaluru

Events Organized:

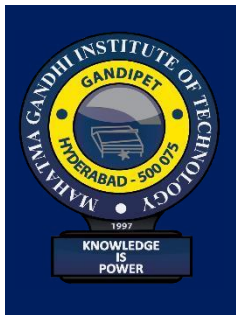
FDPs/STTPs:

1. 5 – Day FDP on “Computer Networks Simulation using NS2” in association with TASK, 10 – 14 August, 2020 (11 AM – 1PM).

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

1. 5 – Day National Level Workshop on “Azure Serverless Computing” in association with Wilma Technologies, 10 – 14 August, 2020 (3 – 5PM).
2. Webinar on “Brain Computer Interface”, 12-07-2020.
3. 2 Day National Workshop on “ Firefox Mobile OS App Development” from 2nd – 3rd March, 2015.
4. Convener of Qubit-2015, A National Level Technical Symposium

organised by
Department
of CSE on 13th
& 14th
March,2015.



Events Attended

FDPs/STTPs:

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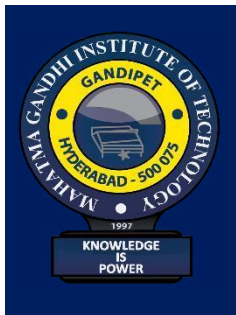
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1. One week FDP on “Machine Learning and it’s Applications” from 28-03-2022 to 01-04-2022 by CVR College of Engineering, Ibrahimpattam, Hyderabad.
2. ATAL FDP on “Recent Trends and Challenges in Image Processing and Computer Vision” from 29/11/2021 to 03/12/2021 at University School of Information and Communication Technology, Guru Gobind Singh IP University.
4. One week FDP on “Incubation and Startups in Defence Applications” from 14-11-2021 to 19-11-2021 by Veer Madho Singh Bhandari Uttarakhand Technical University, Dehradun.
5. FDP on "IoT & Cyber Security" from 06/09/2021 to 10/09/2021 at Institute of Engineering & Management.
6. FDP on " Device Security in Internet of Things" from 2021-7-7 to 2021-7-11 at Indian Institute of Information Technology, Guwahati.
7. FDP on “Develop the Ability to Write Research Proposal”, 4/24/2020, One Day, AIMIT, Bengaluru.
8. FDP on “LaTex & Online Training”, 27th April - 2nd May2020, One Week, Sanjay Godhwat University.
9. FDP on “Cyber Security”, 2nd - 6th June 2020, One Week, VNRVJIET, Hyderabad.
10. FDP on “Machine Learning for Beginners”, 5/2/2020, One Day, Santhiram Engineering College, Nandyal.
11. FDP on “Tools for Online Classroom Post COVID- 19”, 18th - 20th May 2020, 3 Day, Codegnan IT Solutions.
12. ATAL FDP on “Artificial Intelligence”, 1-2-2021 to 5-2-2021.
13. 1-week National Level Faculty Development Programme (FDP) on “**Internet of Things with Raspberry PI & Network Simulator (NS-2)**” organized by Department of IT, MGIT in association with Pantech PrpEdPvt.Ltd. from 17th to 21st October, 2016.
14. One week Faculty Development Programme on “**Image Processing and its Applications**” conducted by the Dept. of CSE, MGIT from 15th December to 19th December 2014.
15. One week National Level FDP on “Machine Learning Through Mathematical Modeling Supported with Python & R-Soft”, organized by Departments of M&H , CSE, IT of MGIT, from 2nd-7th July 2018.
16. 4 weeks Orientation Course organized by UGC, Osmania University, Hyderabad from 3rd June – 1st July, 2013.
17. 2 week Summer camp on “Free Softwares” organized by CBIT, Hyderabad from 16th June – 30th June, 2010.



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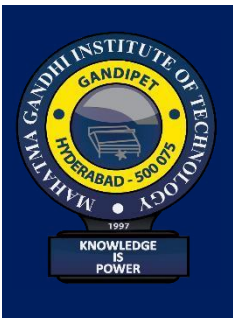
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Refresher Courses/ Workshops/ Webinars/ Seminars/Guest Lecture:

1. One day National Workshop on “Recent Trends and Challenges in Block Chain Technology” organized by Department of Information technology, Chaitanya Bharathi Institute of Technology, Hyderabad, Telangana on 12th March 2022.
2. Workshop on “Education 4.0”, 28th - 30th April 2020, 3 Day, Atharva College of Engineering, Mumbai
3. Two days workshop on “**Cloud Computing**” organized by Department of CSE on 7th & 8th September 2016 at CBIT.
4. 2-Day Workshop on “**Mathematical principles of Cryptography and Cryptanalysis**” from 1st - 2nd December, 2014.
5. Two-day workshop on “**Next Generation Devices and Computing**” conducted by Dept. of CSE, CBIT with support of TEQIP on 28th and 29th November 2014.
6. 3 weeks Refresher Course on “Current Technology Trends in Information Technology” organized by UGC ASC, JNTUH, Hyderabad from 9th June – 28th June, 2014.
7. 2 Day workshop on “Virtualization and Cloud Computing” organized by CBIT, Hyderabad from 11th -12th March, 2014.
8. 3 Day workshop on “Socio effectiveness of Women- WOW FACTOR” organized by MGIT, Hyderabad from 8th-10th March, 2014.
9. 1 Day Workshop on “Exploring Internet” organized by MGIT, Hyderabad on 18th Febraury, 2014.
10. 1 Day workshop on “Ethical Hacking” organized by MGIT, Hyderabad from 21-01-2013 to 22-01-2013.
11. 1 week workshop on “ Research Aspects in Information Security” organized by UGC ASC, JNTUH from 23rd – 28th January, 2012.
12. 2 Day workshop on “Speech Processing” organized by MGIT, Hyderabad from 17th –18th Febraury, 2012.
13. 1 week Refresher course on “Linux Driver development” organized by JNTUH from 17th– 28th May, 2010.
14. 1 week workshop on “Network Simulators “ organized by GNITS, Hyderabad from 5th July – 10th July, 2010.
15. One Week workshop on “IoT Fundamentals: Connecting Things”, Organized by IT Department, MGIT, from 8th to 12th July.

Online Certifications:

1. Completed the course “**Programming for Everybody (Getting Started with Python)**” in COURSERA.



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2. NPTEL Online Certification completed (AICTE Approved FDP Course) on “**Computer Networks**” from 08-08-2019 to 31-10-2019 (12 Weeks) offered by Mr. Anand More, Ms. Devi Ahilya, Vishwavidyalaya, Indore.
3. NPTEL Online Certification completed (AICTE Approved FDP Course) on “**Computer Networks and Internet Protocol**” from 27-01-2020 to 17-04-2020 (12 Weeks) offered by Prof. Sowmya Kanti Ghosh, Prof. Sandip Chakraborty, IIT Kharagpur.
4. SkillUp Online Certification completed on “**Introduction to IoT**” by IBM.
5. Coursera Certification completed on “**SQL for Data Science**” by University of California, Davis.

Any Other Contribution:

1. OverAll Faculty Coordinator for **Centre of Excellence** by **Virtusa Labs**.
2. Faculty Coordinator for **Women Empowerment Program** by **ICT Academy**.
3. Coordinator and Mentor for **Cyber Security** domain by **Mouktik Technologies** in collaboration with **NASSCOM**.
4. Mentor for a Team in **Smart India Hackathon**, January, 2020.