

K. Sunitha

Assistant Professor



Education Qualifications: M.Tech, (Ph.D.)
Specialization: Computer Science and Engineering

ADDRESS:

- D – Block -Room No:106

JNTUH ID:

85150406-220841

EMAIL:

ksunitha_cse@mgit.ac.in

DATE OF JOINING:

18-08-2006

EXPERIENCE - 16 Years

- Teaching - 15
- Research - 1
- Industry -
- Others -

SUMMARY:

- Publications - 7
- Conferences - 1
- Patents -
- Books -
- Honors/Awards -

EVENTS:

- Organized - 1
- Attended - 30

LET'S MEET ON SOCIAL:

- <https://www.facebook.com/mgithyderabad>
- <https://www.instagram.com/mgithyderabad>
- <https://www.linkedin.com/company/mgithyderabad>
- https://twitter.com/MGIT_hyderabad

Membership of Professional Bodies:

1. Life Member of Indian Society for Technical Education (ISTE) LM 128767.
2. Life Member of International Association of Engineers (IAENG) LM 278007.

Responsibilities Held at Institution Level:

1. Anti-Ragging Committee member
2. Nirvana: Event faculty Co-Ordinator for every year.
3. Faculty Feedback: Collecting faculty feedback from students and submit to AES.
4. Student's Mid marks verification: Manual verification of final mid marks entered in Computer System.

Responsibilities Held at Department Level:

1. Mentor - Mentoring 25 students from B. Tech I st year to IV year
2. UG Mini & Major projects - Giving project guidance to 05 students of IV B. Tech CSE
3. Qubit: Technical Event faculty Co-Ordinator for every year.
4. Maintaining the Department Files for NBA / NAAC/Autonomous:
 - a. Class Room infrastructure details
 - b. LAB Configuration (Software and Hardware) details
 - c. Remedial and Bridge classes file
 - d. Faculty Feedback Analysis file.
 - e. CRC (Class Review Committee) file
5. IV B. Tech CSE-3 Project Co-Ordinator

Research Guidance:

Honors/Awards Received:

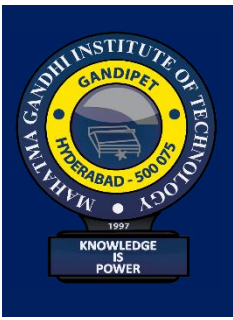
Courses Handled at Under Graduate /Post Graduate Level:

UG: Computer Programming and Data Structures, Unix and Shell Programming, Digital Logic Design, Java Programming, Database Management Systems, Information Security, Cloud Computing and Operating Systems.

PG: IT Security - Threats and Vulnerability (PC-6) (CN&IS)

Publications:

1. K. Sunitha, S. Manish Reddy "Deep Metallic Surface Defect Detection" International Journal of Electrical Engineering and Technology (IJEET) Volume 12, Issue 5, May 2021, pp. 28-37, Article ID: IJEET_12_05_004 ISSN Print: 0976-6545 and ISSN Online: 0976-6553DOI: 10.34218/IJEET.12.5.2021.004
2. K. Sunitha, "Secure Real Estate Transaction Platform using Block Chain and AngularJS" International Journal of Computer Trends and

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Technology Volume 69 Issue 5, 60-68, May, 2021 ISSN: 2231 – 2803 /doi:10.14445/22312803/IJCTT-V69I5P109 © 2021 Seventh Sense Research Group®

3. K. Sunitha, “Automatically Identifying Wild Animals In Camera-Trap Images With Deep Learning” SSRG International Journal of Computer Science and Engineering Volume 8 Issue 5, 12-16, May 2021 ISSN: 2348 – 8387 /doi:10.14445/23488387/IJCSE-V8I5P102 ©2021 Seventh Sense Research Group®
4. K. Sunitha, “Deep Learning models for Video based Facial Recognition Systems: A Survey” International Journal of Computer Trends and Technology (IJCTT) – Volume 60 Issue 3 - June 2018
5. K. Sunitha, “A Comparative Study of CryptDB and Adaptive Encryption Architectures for Cloud Data Base Services” International Journal of Advanced Research in Computer Science and Software Engineering Volume 5, Issue 7, July 2015 ISSN: 2277 128X
6. K. Sunitha, “A Survey on Securing the Virtual Machines in Cloud Computing” IJISET - International Journal of Innovative Science, Engineering & Technology, Vol. 1 Issue 4, June 2014. ISSN 2348 – 7968
7. K. Sunitha, P V Sudha, "An Efficient Task Scheduling In Distributed Computing Systems By Improved Genetic Algorithm" International Journal of Communication Networks and Security Volume 2 Issue 2 Article 12 April 2013.

Conferences:

1.K. Sunitha, Shaik Nizamuddin, presented and published a paper title as "Automated Vehicle Parking Slot Detection System using Deep Learning" in National Conference on Recent Trends in Engineering and Sciences (NCRTEs-2020) organized by Department of CSE, SVR Engineering College, Ayyadurai Metta, Nandyal, Kurnool (Dt.) A.P. during 26th and 27th JUNE 2020. ISSN No. 2231 -3990.

Patents:**Research & Consultancy:****No. of Books/Chapter Published with details:****Events Organized:**

Conferences:

FDPs/STTPs:

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

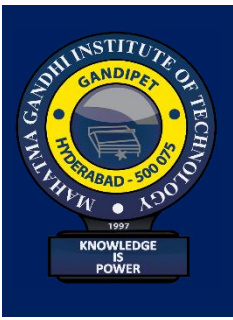
1. Organized and Co-Ordinated one-week national level workshop on “Azure Serverless Computing” from 10th Aug 2020-14th Aug 2020. in association with Wilma Technologies, Hyderabad.

Events Attended

FDPs/STTPs:

1. Online FDP on "Effective Technical Report Writing Using LaTeX".8th - 9th June 2020 (Two days) Dept. of ECE, MGIT
2. Online FDP on "Research Opportunities in Image Processing and Machine Learning".29th June to 3rd July 2020 & (One Week) Dept. of ECE, CBIT.

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- https://twitter.com/MGIT_hyderabad

1. 5- Day International Workshop on "Advances in Cloud Computing".27th-31st December,2019 (One Week) Dept. of CSE, O.U., Hyderabad.
2. One week workshop on "IoT Fundamentals: Connecting Things". 8th to 12th July, 2019 & (One Week) Department of IT, MGIT.

Online Certifications:

1. NPTEL Online Certification Course on "Data Mining" Feb-April-2021 (8-Weeks), IIT, Kharagpur. (NPTEL) (Swayam)
2. Mentor Certificate for "Google Cloud Computing Foundations" Jan-Dec-2020.
3. NPTEL Online Certification Course on "Cloud Computing". Aug - Oct 2019 (8-Weeks), IIT, Kharagpur. (NPTEL) (Swayam).
4. Swayam Online Course Certification on "Computer Networks" Aug - Oct 2019 (8-Weeks) Swayam (NPTEL).
5. A Project Based Online Course on" Machine Learning Using Python ". April - June 2020 (8-Weeks) Skyfi Labs (AICTE Approved)
6. Online Course on "Introduction to IoT" 8th July to August, 2019. (4-Weeks) Cisco Networking Academy

Any Other Contribution:

1. Participated and contributed towards distribution of essentials & food at SoS Children's villages and Basavatarakam Indo American Cancer Hospital from 5th to 8th March 2021.
2. One day served as the volunteer in the "Health Camp Awareness Program" held on 7th March ,2020 at Mandal Parishad Primary School , Bairagiguda , Gandipet, Telangana.