C.Sudha

Assistant Professor

Education Qualifications: Master of Engineering (PhD)
Specialization: Computer Science and Engineering

ADDRESS:
- D – Block –D001b

JNTUH ID:
86150402-121020

EMAIL:
sudhac_cse@mgit.ac.in

DATE OF JOINING:
01-12-2016

EXPERIENCE - 8 Years
- Teaching - 8

SUMMARY:
- Publications - 15
- Conferences - 4

EVENTS:
- Organized - 1
- Attended - 6

Membership of Professional Bodies:

1. Life Member of CSI.11505059

Responsibilities Held at Institution Level:

1. Anti Ragging duty
2. Student Bus in charge
3. Nirvana Stage committee Member
4. Autonomous Work
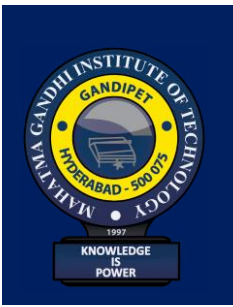
Responsibilities Held at Department Level:

1. NAAC Work
2. NBA Work
3. JNTUH FFC Inspection Work
4. Autonomous Question Paper Setting
5. Qubit In charge
6. Mentoring
7. Class In charge
8. PRERANA Gate Class
9. Class Review Committee Meeting

Courses Handled at Under Graduate /Post Graduate Level:

1. UG: Distributed System, Computer Networks, Data Communication and Computer Network, Cryptography and network Security, Cyber Security, Mobile Computing, Database Security, Design Pattern and Artificial Intelligence
2. PG: Research Methodology and Cyber Security

Publications:

1. C. Sudha, D. Suresh, A. Nagesh" Sensor Data Optimized by Fuzzy neuron With Bat Computation Based Machine Learning Routing Enabled in Wireless Network" DOI: 10.21817/indjcse/2021/v12i6/211206010, Vol. 12 No. 6 Nov-Dec 2021(SCOPUS),h-index:1

2. M. Mamatha, C. Sudha "Chatbot for E-Commerce Assistance: based on RASA" 2021, Turkish Journal of Computer and Mathematics Education Vol.12No.11, pp. 6173-6179.(Google Scholar)

3. C. Sudha, D. Suresh, A. Nagesh "Efficient Energy Usage in Cluster Formation by Optimizing Multi Objective Parameters using Whale Swarm Optimization Algorithm in HWSN" 2020 International Journal of Advanced Science and Technology Vol. 29, No. 5, pp. 3989 – 4000(SCOPUS), h-index:1

4. C. Sudha, D. Suresh, A. Nagesh "A Simple Balanced Ch Selection Method for Network Life Time Maximization and Energy Utilization in Heterogeneous WSN" 2020 IJSTR, Volume 9, Issue 01, pp 4332-4338.(SCOPUS), h-index:1

5. C. Sudha, M. Mamatha, Namitha Maria Isaac, Roopa Sree Erigela "Improvised

ADDRESS:
- D – Block –D001b

JNTUH ID:

86150402-121020

EMAIL:

sudhac_cse@mgit.ac.in

DATE OF JOINING:

01-12-2016

EXPERIENCE - 8 Years
- Teaching - 8

SUMMARY:
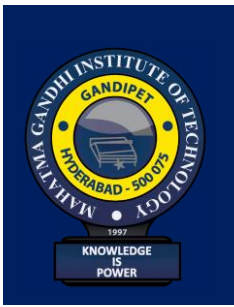- Publications - 15
- Conferences - 4

EVENTS:
- Organized - 1
- Attended - 6

Communication Between Sensor Nodes Using Clustering Approach in Wireless Sensor Network" 2019 JETIR, Volume 6 Issue 4, pp.452-455.(UGC)

6. Sheela Prudhviraj, Ravi Dutt Aerva,C Sudha, Vijayalaxmi C Handaragall "Performance Analysis Between OLSR and DSR Routing Protocols Using Ns3" 2019, IJR, Volume VIII, Issue IV, April/2019,pp.1960-1967.(UGC)

7. C. Sudha, Ch. Vijayalaxmi Handargall , S. Sai Kumar,K. Rohith "Life Time Maximization in Multi Constraint Wireless Sensor Networks Using Adaptive Routing Protocol" ,2019,IJR, Volume VIII, Issue IV,pp.1968-1972.

8. Namitha Maria Isaac, Roopa Sree Erigela, C.Sudha, M.Mamatha "Identification of Pest and Affected Area Using Python" 2018 ,IJRAR , Volume 5, Issue 12,pp.287-292.(UGC)

9. C. Sudha, D. Suresh, A. Nagesh "A Review on Wireless Sensor Network Simulation Tools" Asian Journal of Computer Science and Technology, 2018, Vol.7 No. S1, Nov 2018, pp. 1-4.(UGC)

10. C. Sudha, D. Suresh, A. Nagesh "Classification of WSN Routing Protocol Based on Clustering" Asian Journal of Computer Science and Technology, 2018, Vol.7 No. S1, Nov 2018, pp.46-49.(UGC)

11.C. Sudha,A. Nagesh "A Comprehensive Survey on Data Mining Techniques in Wireless Sensor Networks",2018,IJCSE, Vol.-6, Issue-6,pp.1523-1527.(UGC)

12. S. Prudhviraj, C. Sudha "Command line and Graphical interface comparative analysis for ARP Poisoning through Ettercap" 2018, IJCSE Vol.-6, Issue-10, pp.679-683.(UGC)

13. Ankita Bung, C. Sudha , Sravanthi Nanumasa "Achieving Space-Efficiency and Access Isolation by Implementing File Partition for Online Data" ,2018, IJCST V6(2),pp.81-85.(UGC)

14. B.Tirupathi.Kumar, P.Mounitha, Sravanthi Nanumasa, C.Sudha "Generate Analytics from a Product based Company Web Log" ,2018, IJFRSCE Volume 4 Issue 4.pp.689-693.(Google Scholar)

15. Sudha C, Ankita Bung "Iot Based Smart Data Logging System",2017 IJESR, Vol-7/Issue-6/64-70 Sudha C et. al., / International Journal of Engineering & Science Research. Pp.64-70.(Google Scholar)

Conferences:

1. C. Sudha, D. Suresh, A. Nagesh "An Enhanced Machine Learning data aggregation model for Efficient data processing in wireless sensor networks" 2021, PPG college, Coimbatore, ICCES 21 IEEE conference.(IEEE)

2. C. Sudha, Rachana. S" News Aggregator Web Application Using Django" ,2021, Arifa Institute of Technology,Tamil nadu.

3. C. Sudha, D. Suresh, A. Nagesh "A Simple Balanced CH Selection Method for Network Life Time Maximization and Energy Utilization in Heterogeneous WSN"2019, Annamalai university.

4. C. Sudha, D. Suresh, A. Nagesh "An Enhanced Dynamic Cluster Head Selection

Approach to Reduce Energy Consumption In WSN" ,2019, guru Nanak institutions, Hyderabad.(Springer)

Events Organized:

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

1. 3 day's online Workshop on "Security and Use Case Aspects of Block Chain Technology" by Department of CSE, Mahatma Gandhi Institute of Technology from 17th to 19th August 2020.

Events Attended:

FDPs/STTPs:

1. One week online FDP on "Role of Machine Learning & Data Sciences in AI" conducted by CSE Department, Mahatma Gandhi Institute of Technology, Hyderabad on 28-06-2020.

2. One week online FDP on "Cyber Security" conducted by VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad on 2-06-2020.

3. One Week online FDP on "IOT" conducted by AICTE ATAL on 7-05-2020.

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

1. One day online Webinar on "Cyber Security as Career for Job Aspirants" Conducted by MLR Institute of Technology, Hyderabad on 7-06-2020.

2. One day online Webinar on "Awareness on Research & How to Avoid Plagiarism" conducted by JD College of Engineering and Management on 06-06-2020.

3. One day online Webinar on "Research Issues & Challenges in 5G Communications" conducted by   IEEE- APS chapter on 03-06-2020.

Online Certifications:

1. Coursera

ADDRESS:
- D – Block –D001b

JNTUH ID:
86150402-121020

EMAIL:
sudhac_cse@mgit.ac.in

DATE OF JOINING:
01-12-2016

EXPERIENCE - 8 Years
- Teaching - 8

SUMMARY:
- Publications - 15
- Conferences - 4

EVENTS:
- Organized - 1
- Attended - 6