

Mrs. U. Chaitanya

Assistant Professor



Education Qualifications: M.Tech
Specialization: Computer Science

ADDRESS:

- D – Block -Room No. 204

JNTUH ID:

91150402-151621

EMAIL :

uchaitanya_it@mgit.ac.in

chaitanyasreeram15@gmail.com

DATE OF JOINING:

21-06-2005

EXPERIENCE :

- Teaching - 17 Years

SUMMARY:

- Publications - 15
- Conferences - 6
- Patents – 1
- Book Chapter – 1
- Honors/Awards - 4

EVENTS:

- Organized -13
- Attended -54

LET'S MEET ON SOCIAL:

- <https://www.linkedin.com/in/chaitanya-sreeram-74704b33/>

Membership of Professional Bodies:

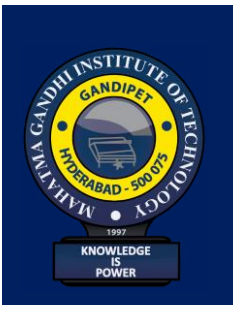
1. Life Member of Indian Society for Technical Education (ISTE)
2. Life Member of International Association of Engineers (IAENG)

Responsibilities Held at Institution Level:

1. Ranking and Accreditation Cell Committee member
2. Internal Complaints Committee member
3. Coordinator for Learning Outcomes based Curriculum Framework for Undergraduate Education(LOCF)
4. One of the Student Bus in-charge for Route No.18
5. Performing Campus Monitoring Activity

Responsibilities Held at Department Level:

1. Member of Board of Studies
2. Member of Advisory Committee
3. Member of Academic Council Committee
4. Member of Disciplinary Committee
5. Industry-Institute Interaction coordinator
6. One of the NBA Coordinator
7. NIRF Coordinator
8. I-Think Club coordinator
9. ADS/JAVA Lab in-charge
10. Equipment Servicing & Maintenance Committee overall in-charge
11. Online Video recordings coordinator
12. Winnou in-charge
13. In-charge for workshops/ Fdp's organized file
14. One of the guide for UG mini projects & major projects
15. One of the mentor for UG Seminar
16. Guided 4 PG projects
17. Worked as IQAC(NAAC) Coordinator
18. Worked as Project Coordinator
19. Worked as Network Programming lab in-charge
20. Worked as Time table in-charge
21. Worked as Class in-charge
22. Worked as Student mentor

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Honors/Awards Received:

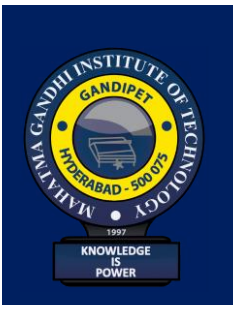
1. Top Performing Mentor Appreciation award received for NPTEL online certification course on “ Social Networks ”, Jul-Oct 2019, NPTEL, Swayam, MHRD, India.
2. Gold Medal Award for excelling in the NPTEL online certification course on “Programming in Java”, Jan-Apr 2019 NPTEL, Swayam, MHRD, India.
3. Silver Medal Award for excelling in the NPTEL online certification course on “Cloud Computing” , Feb-Apr 2019 NPTEL, Swayam, MHRD, India
4. Silver Award for excelling in the NPTEL online certification course on “Compiler Design”, Jan-Apr 2019 NPTEL, Swayam, MHRD, India

Courses Handled at Under Graduate /Post Graduate Level:

- **UG:** Computer Programming, Programming for Problem solving, Mathematical Foundation for Computer Science, OOPS through JAVA, Web Technologies, Operating Systems, Computer networks, Data warehouse & Data Mining, Database Management Systems, Automata and Compiler Design, Compiler Design, Computer Forensics, E-Commerce, Information Retrieval systems, Cloud Computing
- **PG:** Cyber Security and Cyber Law, Software Quality Assurance and Testing, Web and Database Security, Research Methodology & IPR

Publications:

1. Chaitanya Udatha. “Multi-Objective Based Cloud Task Scheduling Model With Improved Particle Swarm Optimization” International Journal of Advanced Computer Science and Applications, Vol. 12, No. 12, 2021 Page No: 243-248, ISSN : 2156-5570 (Scopus, WoS)
2. U Chaitanya. “Operating Computer Cursor Using Eye and Face Movements” International Journal of Advanced Networking and Applications, Volume: 13 Issue: 02 Sep-Oct 2021 Pages: 4919-4924(2021) ISSN: 0975-0290.
3. U Chaitanya. “Multipurpose IoT based Health Monitoring System using Cloud” Journal of inter disciplinary cycle Research, Volume XIII, Issue IX, September-2021, ISSN NO: 0022-1945, Page No: 158-163.
4. U Chaitanya. “Block Chain Technology: Types, Categories, Applications and Challenges over Adoption” Journal of Oriental research, Madras, Vol. XCII-XXI, MAY 2021, Page No. 94-109, ISSN : 0022-3301.
5. U Chaitanya. “User’s Face Detection and Recognition using LBPH Algorithm” Compliance Engineering Journal, Volume 12, Issue 5, May 2021, Page No: 150-158, ISSN NO: 0898-3577.
6. U Chaitanya. “A Smart Attendance Marking System Using Face Recognition” Journal of Engineering Sciences Vol. 12, Issue 05, MAY 2021, Page No: 20-26, ISSN NO: 0377-9254.
7. U Chaitanya. “A CPW Feed Diamond Shaped Microstrip Patch Antenna for RFID and WLAN Applications” Journal of Xidian University Volume 15, Issue 5, May 2021 Page No: 253-260, ISSN NO: 1001-2400.
8. U Chaitanya. “Design Optimization of Low Power VLSI Circuits in Deep Submicron” Annals of the Romanian Society for Cell Biology, Vol. 25, Issue 4, April 2021, Pages. 4260-4264 ISSN: 1583-6258.
9. U Chaitanya. “IoT based Interactive Smart Mirror using Raspberry Pi” International Research Journal of Engineering and Technology Volume 8, Issue 3, March 2021, Page No: 1231-1234 e-ISSN: 2395-0056, p-ISSN: 2395-0072.

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10. U Chaitanya. “Reducing Load on Cloud Through Fog Computing” Alochana Chakra Journal , Volume IX, Issue VI, June/2020, Page No:4458-4461, ISSN NO:2231-3990 DOI:10.01011.ACJ.2020.V9I6.00068749.02886
11. U Chaitanya. “Image Recommendation Model for Social Media” International Journal of Innovative Technology and Exploring Engineering, Volume-9 Issue-6, April 2020, Page No. 1092-1096, ISSN: 2278–3075 (Online), DOI: 10.35940/ijitee.F4202.049620.
12. U Chaitanya. “Voice Assistant and Security based Smart Mirror” International Journal of Recent Technology and Engineering, Volume-8 Issue-6, March 2020, Page No. 4054-4060, ISSN: 2277-3878 (Online) DOI:10.35940/ijrte.F9464.038620.
13. U Chaitanya. “Serving the Web by Exploiting Email Tunnels with Highly available Censorship Resistant Infrastructure” International Journal of Research Volume VIII, Issue VI, JUNE/2019 Page No:6999-7007 ISSN NO:2236-6124.
14. U Chaitanya. “A Scalable Approach to store and share Encrypted Data among Dynamic Groups in the Cloud” International Journal of Scientific Engineering and Technology Research, ISSN: 2319-885, Vol. No.5, Issue: 46, November-2016. Pages: 9561-9566.
15. U Chaitanya. “Impact of Accessibility on Cloud based Opportunistic Computing in Multi-Dimensional Mobility” International Journal of Research in Engineering Sciences by IMRF, 21-23 Feb. 2013.

Conferences:

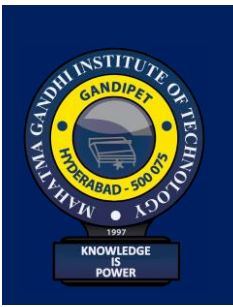
1. U Chaitanya. “Data Management using ETL Tool by Informatica Power Centre” in Innovations in Computer Science and Information Technology (ICICSIT) from 28th to 29th August, 2015 organized by Department of IT , MGIT, Hyderabad.
2. U Chaitanya. “A Content based Filtering system in OSN user walls” in Innovations in Computer Science and Information Technology (ICICSIT) from 28th to 29th August, 2015 organized by Department of IT , MGIT, Hyderabad.
3. U Chaitanya. “GPS based communication system to detect drift in Moorings at sea” in Innovations in Computer Science and Information Technology (ICICSIT) from 28th to 29th August, 2015 organized by Department of IT , MGIT, Hyderabad.
4. U Chaitanya. “A Preliminary Survey of Essential Technical Challenges in Cloud Computing Forensics” in National Conference on Emerging & Innovative Trends in Computer Science (NCEITCS-14), 2014 at Vasavi College of Engineering, Hyderabad.
5. U Chaitanya. “Adaptability of Autonomic Computing in various computing Trends” in National Conference on Advanced Computing & Communication Techniques (NCACCT-12), on 25th Feb, 2012 at Kavali.
6. U Chaitanya. “Mobile Cloud Computing” in National Conference on Computational Intelligence & Applications (NCCIA-2012) during 9th to 10th February, 2012 at Geetanjali College of Engineering & Technology, Hyderabad

Patents:

- Patent on “An Architecture for Approximate Computing for Big Data Analytics in Cloud Computing Infrastructure” Application No. 202141029422A.

No. of Books/Chapter Published with details:

- Published One Chapter on “Fundamentals of Data Warehouse” Issue Date : 2022 , Publisher : Indira Gandhi National Open University, New Delhi.

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Events Organized:**Conferences:**

- Organizing Committee member in International conference on Innovations in Computer Science and Information Technology(ICICSIT) from-28th to 29th Aug 2015 organized by DEPARTMENT OF IT , MGIT , Hyderabad

FDPs/STTPs:

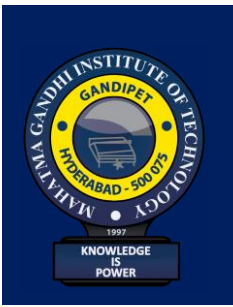
1. CO-CONVENOR for One-week Online International FDP on THE ROLE OF LINEAR ALGEBRA IN MACHINE LEARNING, ARTIFICIAL INTELLIGENCE & DATA SCIENCE from 29th Nov to 3rd December 2021 organized by DEPARTMENTS of M&H, CSE & IT, MGIT.
2. CO-CONVENOR for One-week Online International Webinar/FDP on RELEVANCE OF MATHEMATICS TO CORE-ENGINEERING SCIENCES from 12th to 16th Oct 2020 organized by DEPARTMENT of M&H, CSE, Other Core Branches of Engineering, MGIT
3. Coordinator for a National Level One Week Online Workshop on “Deep Learning” in association with AppTronix Technologies from 3rd to 7th Aug 2020 organized by DEPARTMENT of IT, MGIT.
4. Coordinator for FDP on Mobile Application Development & Testing from 6th to 8th August 2012 organized by DEPARTMENT of IT, MGIT.

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

1. Coordinator for Two day workshop on Machine Learning Using Python in collaboration with Pantech e-Learning from 17th & 18th Sep 2021 organized by Department of IT, MGIT.
2. Coordinator for organized Webinar on “DATA ANALYTICS” in collaboration with Pantech e-Learning on 22nd May 2021 organized by Department of IT, MGIT.
3. Coordinator for guest Lecture on “Introduction to AWS Cloud on 6th Oct 2020 organized by Department of IT, MGIT.
4. Coordinator for National Level Webinar on "Microservices Architecture using Java Technologies" on 11th July 2020 organized by Department of IT, MGIT.
5. Event organizing member in 2- Day workshop on DATA ANALYTICS from 28th to 29th Feb 2020 organized by Department of IT in Association with SWECHA, MGIT.
6. Stage committee member in National workshop on Relevance of Vedic Mathematics to Real World Computing on 24th Sep 2019 organized by Departments M&H, CSE & IT, MGIT.
7. Coordinator for Student technical symposium Yukti-18 on 26th Feb 2018 organized by Department of IT, MGIT.
8. Coordinator for Student technical event TECHNOVAGANZA from 29th - 30th Jan 2016 organized by Department of IT, MGIT.

Events Attended:**Conferences:**

1. Two Day Conference on DEFTRONICS-2017 during 31st August & 1st September, 2017 at Park Hyatt, Hyderabad.
2. Two day conference on International Symposium on Computational science (ISCS 2015) during 14th & 15th December 2015 at Sri Satyasai Institute of Higher learning.



FDPs/STTPs:

1. AICTE Training And Learning(ATAL) Academy Online Elementary FDP on Advanced MATLAB for Scientific Computing from 13th to 17th September 2021 organized by Civil Engineering Section, University Polytechnic, Faculty of Engineering Technology, Aligarh Muslim University, Aligarh.
2. ATAL FDP on “How to Exploit(Secure) Web Applications” from 26th- 30th July 2021 organized by The NorthCap University, Gurugram.
3. AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "ENGINEERING OPTIMIZATION TECHNIQUES AND ITS APPLICATIONS (ENOTAA-2021)" from 14.06.2021to18.06.2021Organized by Government College of Engineering Aurangabad.
4. Faculty Development Program on “EMOTIONAL INTELLIGENCE” from 23.02.2021 to 27 .02.2021organized by ICT Academy.
5. AICTE Training And Learning (ATAL) Academy Online FDP "CLOUD TECHNOLOGY" from 08.02.2021 to 12.02.2021 Organized by National Institute of Technical Teachers Training and Research.
6. AICTE Training And Learning (ATAL) Academy Online FDP "AI- MACHINE LEARNING & OPTIMIZATION" from 01.02.2021 to 05.02.2021 Organized by Indian Institute of Information Technology Allahabad.
7. AICTE Sponsored One Week Online STTP “HIGH PERFORMANCE COMPUTING USING PARALLEL, DISTRIBUTED AND CLOUD COMPUTING (HPCPDC2)" from 18.01.2021 to 23.01.2021organized by Department of Information Technology of YeshwantraoChavan College of Engineering.
8. AICTE Training And Learning (ATAL) Academy Online FDP on "Cloud Technology" from 16th to 20th November 2020 Organized by Organized by Gandhi Institute of Technology and Management, Visakhapatnam, Andhra Pradesh.
9. AICTE Training And Learning (ATAL) Academy Online FD on "High Performance Computing Using Parallel, Distributed & Cloud Computing (HPCPDC2)" from 2nd to 6th November 2020 Organized by YeshwantraoChavan College of Engineering , Nagpur.
10. AICTE Training And Learning (ATAL) Academy Online FDP on "Cyber Security" from 26-05-2020 to 30-05-2020 Organized by JAWAHARLAL NEHRU UNIVERSITY, New Delhi.
11. AICTE Training And Learning (ATAL) Academy Online FDP on "Block Chain" from 15-06-2020 to 19-06-2020 Organized by University Institute of Engineering and Technology, Kurukshetra University, Kurukshetra.
12. NPTEL-AICTE One and Half Week(12 weeks) FDP on "Social Networks" Jul-Oct 2019
13. NPTEL - AICTE 8 weeks Faculty Development Programme on “Cloud Computing” , from Feb-Apr19

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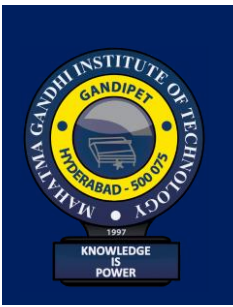
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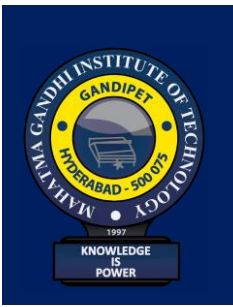
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14. NPTEL - AICTE 12 weeks Faculty Development Programme on “Programming in Java”, from Jan-Apr 2019
15. NPTEL - AICTE 12 weeks online certification on “Compiler Design”, from Jan-Apr 2019
16. One Week Faculty Development Programme on “ Machine Learning Through Mathematical Modeling supported with Python & R-Soft” , MGIT from 2nd to 7th July 2018.
17. Three Day FDP on IBM Cloud application development (Bluemix) program held at TASK (Telangana Academy for skill and knowledge) office , Hyderabad from 20th to 22nd Dec 2017.
18. 1-Week FDP on Avenues for Technology & Research in IOT” from 11th to 16th December, 2017 organized by IT, MGIT.
19. One week FDP on “Data Analytics using R” from 20th to 25th March, 2017, organized by Dept of IT, CBIT
20. One Week Faculty Development Programme on “Internet of Things with Raspberry PI & Network Simulator (NS-2) ” on 17th to 21st October 2016 at IT Department, MGIT.
21. One Week FDP on “Java Fundamentals and Programming” from 19th to 23rd September, 2016 organized by TASK (Telangana Academy for skill and knowledge) at MGIT.
22. One Week Faculty Development Programme on “Recent Trends in Digital Image and Video Processing” on 22nd to 27th February 2016 at ECE Department, MGIT
23. AICTE Sponsored Two Week FDP on "Recent Trends and Advancements in VLSI for Embedded Applications 15th June to 26th June 2015 at CBIT, Hyderabad.
24. FDP on “Introduction to Service Oriented Architecture and Cloud Computing” held on 15th November, 2014 at MGIT, Hyd.

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

1. AICTE-ISTE approved Orientation/Refresher Programme “ADVANCED EMERGING TRENDS IN CSE & IT” from 23.03.2021 to 30.03. 2021 organized by Usha Rama College of Engineering and Technology, Telaprolu, Krishna Dist., Andhra Pradesh.
2. Online International Webinar “CHOOSE TO CHALLENGE” on 08.03.2021 Organized by Women Development Committee, Mahatma Gandhi Institute of Technology, Hyderabad.
3. One Day Workshop “National Institutional Ranking Framework (NIRF) For Higher Educational Institutions” on 06.02 2021 organized by UGC-Human Resource Development Centre (HRDC), JNTUH, Hyderabad.



4. Two day International Webinar on “EMPOWERING WOMEN: A PARADIGM SHIFT IN NEP 2020” from 08.01.2021 to 09.01.2021 organized by Departments of M&H, P&C, CSE and IT, MGIT.
5. Five day workshop on “ IOT Fundamentals: Connecting Things “, MGIT from 8th to 12th July 2019.
6. Two day workshop on “Building Progressive web Applications”, MGIT from 11th- 12th Jan 2019
7. Workshop on “Adoption of Technology in Teaching and Learning “ from 5th to 6st July, 2017 at IT Department, MGIT
8. National Workshop on “Privacy Preserving & ICT: Research ideas” on 2nd&3rd March 2017 at CBIT.
9. A Two Day Workshop on “Intelligence and Security Informatics” during 24th&25th July, 2015 at CBIT.
10. Two Day Workshop on “Intelligence and Security Informatics” during 24th & 25th July, 2015 at CBIT, Hyd.
11. Five Day Workshop on “Network Simulation Tools” during 8th to 12th December, 2014 at SNIST.
12. National Level Workshop on “Next Generation Devices and Computing” during 28th & 29th November, 2014 at CBIT, Hyd.
13. Workshop on Exploring Internet on 18th Feb, 2014 at MGIT.
14. Workshop on Socio-effectiveness of Women-WOW FACTOR held on 8th and 10th March 2014 organized by Ashna-Women’s cell at MGIT.
15. UGC Sponsored Orientation Course from 10th June to 6th July’13, at JNTU, Hyderabad.
16. National Level Workshop on Research opportunities in computer science and information technology on 6th & 7th Feb, 2013 at CBIT, HYD.
17. AICTE Sponsored National Seminar on Automata & Compiler Design, from 20th to 21st July, 2012 at SWEC, Hyderabad.
18. Attended A Indo-Italian Workshop from 17th to 20th October 2011, at B.M.Birla Science Centre, at Hyderabad.
19. Workshop on Data Mining & Its Applications from 29th June - 1st July, 2011, at GNITS, Hyderabad.
20. UGC sponsored Refresher Course on “Recent Advances in Computing” from 30th May to 18th June ’11, JNTU , Hyderabad.
21. Workshop on Data Mining & Its Applications from 29th June - 1st July 2011, at GNITS, Hyderabad.

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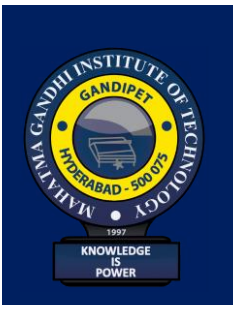
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22. Recent Trends in Data Mining from 30th & 31st Dec 2010, MGIT, Hyderabad
23. Workshop on “computing Freedom in Engineering Education” On 3rd December, 2010, at MGIT, Hyderabad.

Online Certifications:

1. Course Completed on “Programming for Everybody (Getting Started with Python)” on 23rd April, 2020 organized by Coursera offered by University of Michigan.
2. Course Completed on “Foundations to Open Education and OER Repositories (Edición especial)” on 14th April, 2020 organized by IEEE Education Society MOOC course.
3. Course Completed on “Google Cloud Platform Fundamentals: Core Infrastructure” on 13th April, 2020 organized by Coursera offered by Google cloud.
4. Course Completed on “PCAP : Programming Essentials in Python” on 26th August, 2019 organized by Cisco Networking Academy.
5. Course Completed on Introduction to IoT on 10th July, 2019 organized by Cisco Networking Academy.

Any Other Contribution:

1. Certified ORACLE ACADEMY Instructor for Java Fundamentals and Java Programming courses of ORACLE ACADEMY through TASK since 2016.
No. of students trained and certified are
Java Fundamentals : 115
Java Programming : 114

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