Dr. Yadaiah Balagoni
Assistant Professor

Education Qualifications: M.Tech(CS),PhD(CSE).
Specialization: Computer Science and Engineering

ADDRESS:
- D– Block -Room No:203

JNTUH ID:

57150401-140751

EMAIL:

byadaiah_cse@mgit.ac.in

DATE OF JOINING:

21-10-2013

EXPERIENCE – 16 Years
- Teaching - 20

SUMMARY:
- Publications - 10
- Conferences - 4
- Patents – 1

EVENTS:
- Organized - 1
- Attended - 20

Membership of Professional Bodies:
1. Life member of ISTE (LM54842).

Responsibilities Held at Institution Level:
1. Member of Extra Curricular activities Committee.
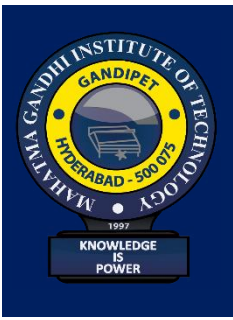2. Member of NSS MGIT

Responsibilities Held at Department Level:
1. Lab In charge for Java Programming Lab(D203).
2. Class In charge and class review committee member

Courses Handled at Under Graduate /Post Graduate Level:
- **UG:** Programming for problem Solving, Database Management Systems, Java Programming, computer networks, object-oriented programing using C++, Operating Systems, Cloud computing
- **PG:** Functional Programming

Publications:
1. B. Yadaiah and R. Rajeswara Rao "importance of load Balancing in cloud computing environment: A Review", IJATCSE, vol.3, pp.77-82,2014.
2. B. Yadaiah and R. Rajeswara Rao, "Locality-load-prediction aware multi-objective task scheduling in heterogeneous cloud environment", Indian Journal of Science and Technology, Vol 10(9), DOI: 10.17485/ijst/2017/v10i9/106576, March 2017.
3. B. Yadaiah and R. Rajeswara Rao, "An SLA-Aware Green Scheduling in Heterogeneous cloud using Hadoop YARN", International Journal of Intelligent Engineering and Systems, Vol.11, No.6, 2018 DOI:10.22266/ijies2018.1231.11.
4. B. Yadaiah and R. Rajeswara Rao, SLA-Aware Scheduling of VMs for load balancing in cloud using A three phase optimal VM migration Technique, International Journal of Latest Trends in Engineering and Technology Vol. (10) Issue (2), pp.217-227 DOI: http://dx.doi.org/10.21172/1.102.35.
5. B. Yadaiah and R. Rajeswara Rao An Integrated Framework for SLA-Aware Multi-Objective Task Scheduling in Cloud Computing, IT in industry,2021, ISSN (Online): 2203-1731.
6. B. Yadaiah and A. Mohan, "Hybrid Load Balancing and Scheduling (HLBS) Algorithm towards Efficient Resource Management in Cloud Computing, PENSEE, VOLUME 51, ISSUE 4, 2021, ISSN: 0031-4773, PP 1587-1598.
7. B. Yadaiah, R. Srinivas, P. Shyamsunder and PSS Varma "Enhancing Image Quality Using GANs", Compliance Engineering Journal, vol12, issue 6,2021, PP 95-108, ISSN NO:0898-3577.

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8. Yadaiah Balagoni "Cardiovascular Heart Disease Prediction Using Machine Learning" Volume 11, Issue 6, June 2022, DOI:10.15680/IJIRSET.2022.1, PP 2319-8753.
9. Swetha Bindu and Yadaiah, "Secure Data Storage in Cloud Computing", International Journal of Research in Computer Science ISSN 2249-8257 Volume 1 Issue 1,2011.
10. R. Srinivas and Yadaiah Balagoni "Deep Learning based Fruit Quality Inspection" Volume 10, Issue VI, June 2022

.**Conferences:**

1. B.Yadaiah and R.Rajeswara Rao, "A Systematic Review on Existing VM Scheduling and Load Balancing Techniques and their Issues in cloud computing Environment", ICRAESIT-2015.
2. B.Yadaiah and R.Rajeswara Rao, "A cost-effective SLA-Aware Scheduling for Hybrid Cloud Environment", IEEE ICCIC-2016.
3. Yadaiah Balagoni and Bhanu Teja "a machine learning approach for Drowsy Driver Recognition and anti-sleep alert" ICRCSIT-20,2020.P.
4. SHYAM SUNDER, P. SATYA SHEKAR VARMA, R. SRINIVAS & B. YADAIAH "Enhanced Semantic keyword Search over Encrypted Cloud Data" ICRAITMS-2021

Patents:

1. Patent on " CONTENT PROTECTION FRAMEWORK FOR IMAGES IN CLOUD COMPUTING" was published on 16-07-2021 along with Dr. K. Bhargavi, Dr V.Goutham, Tumuluri Subramanya Srinivas and Dr. Karanam Ramesh Rao, No: 202141029419A
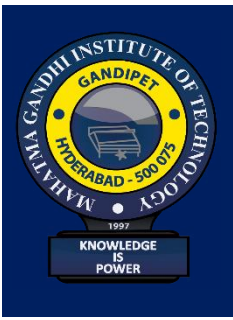
Events Organized:

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

1. "National Level One Week Online Workshop on Yoga" conducted by CSE Dept, Mahatma Gandhi Institute of Technology, Hyderabad on 6th to 10 July 2020.

Events Attended

FDPs/STTPs:

1. Participated in AICTE sponsored two-week online faculty development program Phase-II from 24th may to -2nd June 2021, Organized by PACE institute of Technology and Sciences.
2. Participated in TEQIP III Sponsored one -week Faculty Development Programme on ¯Machine Learning & Its Applications, Organized by SHARAD INSTITUTE OF TECHNOLOGY COLLEGE OF ENGINEERING, YADRAV (ICHALKARANJI).
3. Participated in one week FDP on Data science in real time applications from 23 to 28 November 2020, organized by Srinidhi institute of Technology.
4. Participated in one week FDP on Cyber Security from 22 to 26 July 2020, organized by Gudlavellure Engineering College.

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5. Participated in one week work shop on "Building Data-Driven Solutions Using Data Analytics with ML and DL Algorithms" from 24 to 28 June 2021, organized by Chaitanya Bharathi Institute of Technology, Hyderabad.
6. Two-week ISTE workshop on "DBMS"from 21st to 31st may 2013 organized by NITS, Hyderabad.
7. One-week national workshop on "cloud computing" from 25th to 29th November 2013, MRECW hyd.
8. One week FDP on "image processing and its applications" from 15th to 19th Dec 2014, MGIT, Hyd.
9. One week workshop on "research challenges and issues in Big data and cloud computing" 27th to 31st, Jan-2015, JNTU Vizianagaram.
10. National level One week FDP on "recent trends in Digital image& video processing" from 22nd to 27th Feb 2016, MGIT, Hyd.

Online Certifications:
1. Python for Every Body (Coursera)
2. Database Management Systems (NPTEL)