

Dr. K. Mahesh Kumar

Associate Professor (Contractual)



Education Qualifications: Doctor of Philosophy
(Computer Science & Engineering)
Specialization: Data Mining

ADDRESS:

- D – Block -107

JNTUH ID:

8261-210915-225715

EMAIL:

kmaheshkumar_cse@mgit.ac.in

DATE OF JOINING:

15-09-2021

EXPERIENCE - 14 Years

- Teaching - 7
- Research - 4
- Industry - 3

SUMMARY:

- Publications - 3
- Conferences - 2
- Patents – 1

EVENTS:

- Attended - 2

Membership of Professional Bodies:

1. International Association of Engineers (IAENG): 277309
2. Computer Science Teachers Association (CSTA):983457935

Responsibilities Held at Institution Level:

1. Member of UGC Quality Mandate and NEP 2020-Guidelines for inculcation of Human values and Professional Ethics

Responsibilities Held at Department Level:

1. Member of PG BOS Syllabus committee.

Courses Handled at Under Graduate /Post Graduate Level:

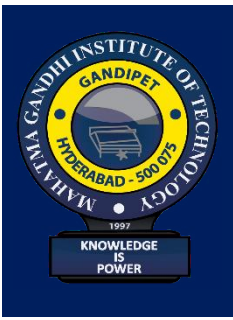
- **UG:** Database Management Systems, Operating systems, Computer Organization, Object Oriented Programming through Java
- **PG:** Advanced Data Structures

Publications:

1. K. Mahesh Kumar et. al, Implementation of digital micro fluidic biochip with machine learning for drug development, Biosc. Biotech Res. Comm., special issue vol.14(7), 2021. ISSN : 0974-6455
2. K. Mahesh Kumar et.al “An efficient k -means clustering filtering algorithm using density based initial cluster centers,” *Information Sciences*, Elsevier Science Inc ,vol: 418–419C, pp.286–301, 2017. ISSN: 0020-0255
3. K. Mahesh Kumar et. al, “A fast DBSCAN clustering algorithm by accelerating neighbor searching using Groups method,” *Pattern Recognition* (official journal of pattern recognition society), Elsevier Science ltd, vol: 58C, pp.39-48, 2016. ISSN: 0031-3203

Conferences:

1. K. Mahesh Kumar, A service Oriented ERP architecture for information exchange, NIMS 2020.
2. K. Mahesh Kumar et. al, .A role based MVC model for rapid web application development”, ISCO-2019



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Patents:

1. K. Mahesh Kumar et.al., published “An Artificial Intelligence Based Voice Commanding Glucose Monitoring and Determining System”, April,2021, Application Number: 202121019989

Events Attended

FDPs/STTPs:

1. One Week ATAL academy FDP on “IOT Applications” organized by National Institute of Technical Teachers' Training and Research Bhopal, December 2021.
2. QIP(AICTE) sponsored Short Term Course Certificate on “Machine Learning & it's Applications”, Organized by IIIT,Nagpur, March,2022

Online Certifications:

1. Completed NPTEL course “Objected oriented programming in java” with Elite +Gold in top 5%