Faculty Profile

Name	: Akshay Singh
Designation	: Assistant Professor
Qualifications	: M.Tech (CSE), B.Tech (CSE)
Phone	: 011-25528117 (Ext.-130)
Email	: akshaysingh@msit.in
Area of Interest	: Machine Learning, Deep Learning, Data Mining, Data Science, Digital Image Processing
Experience	: 02 years

EDUCATIONAL BACKGROUND

Course/Examination	Institution/University	Year of Passing
Master of Technology (Computer Science)	University School of Information, Communication & Technology (Guru Gobind Singh Indraprastha University, Delhi)	2019
Bachelor of Technology (Computer Science)	Shaheed Sukhdev College of Business Studies (University of Delhi)	2017

AWARDS & ACHIEVEMENTS

- Qualified **GATE** 2017, 2019 and 2021 conducted by **IIT Roorkee**, **IIT Madras** and **IIT Bombay** respectively.
- Cleared **NTA UGC-NET** (December 2018) exam.
- **First Position** – Street Theatre – Kairos – National Law University **[2015]**
- **Second Position** – Street Theatre – Chaos – IIM Ahmedabad (National Level competition) **[2015]**
- **Second Position** – Bachelor of Technology (Computer Science) **[2014]**
- **First Position** – State Level, District Level & Zonal Level – One Act Play **[2012]**
- **Second Position** in school, C.B.S.E. Exam – AISSE **[2011]**

POSITIONS OF RESPONSIBILITY

- **Committee Member – Unnat Bharat Abhiyan – MSIT [March 2021 – Present]**
- **Committee Member – E-Waste/Write-off Management – MSIT [March 2021 – Present]**
- **Committee Member – Disaster Management – MSIT [March 2021 – Present]**

WORK EXPERIENCE

- **Maharaja Surajmal Institute of Technology**   **[12th March 2021 – Present]**
  - Appointed as **Assistant Professor** in Maharaja Surajmal Institute of Technology, Affiliated to Guru Gobind Singh Indraprastha University
  - Working as Proctor for second year students

- **University of Delhi** **[13ᵗʰ January 2020 – 12ᵗʰ June 2020]**
  o Appointed as Guest Faculty in Shaheed Sukhdev College of Business Studies, University of Delhi

- **Oodles Technologies, Gurugram** **[03ʳᵈ June 2019 – 07ᵗʰ February 2020]**
  o Worked on a KYC complaint Blockchain called **"Belrium"**
  o Wrote functional and non-functional test cases for Bitcoin
  o Promoted as **Associate Consultant (Quality Analyst)** after 3 months and provided mentorship for Assistant Consultants (QA)
  o Undertook the project **"BlocEdu"** which is an educational content distribution platform
  o Worked on an African Blockchain project **"Wethio"** which works on the crypto-currency called Zynecoin

INTERNSHIPS & PROJECTS

- **All India Institute of Medical Science** **[19ᵗʰ December 2020 – 11ᵗʰ March 2021]**
  o Worked as **J.R.F.** (Junior Research Fellow) in the Department of Neuroradiology at AIIMS, Delhi
  o Developed a Computer Aided Diagnostic System for the detection and evaluation of **Intracranial Atherosclerotic Disease** (ICAD)
  o Applied machine learning based techniques for vessel segmentation on Computer Tomography Angiography (CTA) scans.
  o Obtained vascular anatomy and luminal geometry of the patients suffering from ICAD

FACULTY DEVELOPMENT PROGRAMS

- MSIT, IEEE Training Session
- Prakriti MSIT & NSS MSIT, Yoga Living Fit
- ATAL, Machine Learning Frontiers in Healthcare
- IIITDM, IEEE National Workshop on Research Methodology
- KRCHE, GGSIPU, Writing Research Paper for Scopus Journals
- KRCHE, GGSIPU, Emerging New Realities Exploring Modern Technologies
- University of Delhi, The Analytics Conclave 2021
- InPods Ed-tech, Program Design Concepts based on OBE - Criteria 1 of NAAC
- AICTE-ISTE, Use of ICT in Engineering Education
- Openhouse, Lead the Change Programme
- University of Delhi, ADVANCED CONCEPTS FOR DEVELOPING MOOCS

OTHER INTERESTS & ACTIVITIES

- Participated in one day training workshop on Digital Creativity Skills from ADOBE
- Participated in Panipat Hi Cultural Festival and Antaragni, Cultural Festival of IIT Kanpur
- Certified for completion of 'Discover Scuba Dive' in Port Blair
- Proficient in Hindustani Classical Vocal Music