

**SANJAY KUMAR**

Assistant Professor

Department of Information Technology,  
Rajkiya Engineering College, Azamgarh  
(An U. P. State Government Institution)  
Deogaon, Azamgarh-276201(UP), India

**Email-ID:** sanjay@gecazamgarh.ac.in**Mob. No.:** 9795143606**EDUCATIONAL DETAILS**

S. No	Degree	Name of the College/Institute	Year of Passing	Division
1.	Ph. D (CSE)	National Institute of Technology, Patna	Pursuing	.....
2.	M. Tech. (CSE)	Madan Mohan Malaviya University of Technology, Gorakhpur (UP)	2014	First
3.	B. Tech. (IT)	Kamla Nehru Institute of Technology, Sultanpur (UP)	2012	First
4.	Class XII	Govt. Jubilee Inter College, Gorakhpur	2006	First
5.	Class X	Govt. Jubilee Inter College, Gorakhpur	2004	First

**RESEARCH INTEREST**

- Network Security
- Internet of Things
- Machine Learning

**SUBJECT TAUGHT**

- Database Management System
- Discrete Structure & Theory of Logic
- Computer Systems and Programming in C
- Software Engineering
- Web Designing
- Data Structure Using C

## MY ACHIEVEMENT

- UGC-NET qualified for **JRF** and Assistant Professor in November 2017.
- UGC-NET qualified for **Assistant Professor** in July 2016.
- GATE stipendiary scholar in the M. Tech. program.
- Successfully completed the NPTEL Certification Course on ---
  - Introduction to Algorithm and Analysis.
  - Problem Solving Through Programming in C (**Topper 5%**)
  - Database Management System.
  - Joy of computing & Programming in Python
  - Introduction to Industry 4.0 and Industrial Internet of Things. (**Topper 5%**)

## EMPLOYMENT HISTORY

S. No.	Organization Name	Post	Period
1.	Rajkiya Engineering College, Azamgarh	Assistant Professor	8 <sup>th</sup> Dec,2017 -Till date
2.	Madan Mohan Malaviya University of Technology, Gorakhpur	Guest Faculty (on contract basis)	July,2017-thDec,2017
3.	U.N.S.I.E.T. Veer Bahadur Singh Purvanchal University, Jaunpur	Guest Faculty (on contract basis)	Nov, 2016 - May, 2017
4.	Rajkiya Engineering College, Azamgarh	Guest Faculty (on contract basis)	July, 2015- June, 2016

## PUBLICATIONS IN JOURNALS

- Pawan Kumar Mall, Swapnita Srivastava, Mitul M. PATEL, Aniruddh Kumar, Vipul Narayan, **Sanjay Kumar**, P. K.Singh, D. S.Singh “Optimizing Heart Attack Prediction Through OHE2LM: A Hybrid Modelling Strategy” Journal of Electrical Systems, Vol. 20 No. 1,2024, (**Indexed in ESCI**).
- **Sanjay Kumar**, Rafeeq Ahmed, Salil Bharany, Mohammed Shuaib, Tauseef Ahmad "Exploitation of Machine Learning Algorithms for Detecting Financial Crimes Based on Customers' Behavior" *Sustainability* 14, no. 21: 13875,2022, (**Indexed in SCIE**).
- Gaur, Rajkumar, Shiva Prakash, **Sanjay Kumar**, Kumar Abhishek, Mounira Msahli, and Abdul Wahid."A Machine-Learning–Blockchain-Based Authentication Using Smart Contracts for an IoHT System" *Sensors* 22, no. 23: 9074, 2022 (**Indexed in SCIE**)

- Rajkumar Gaur, Shiva Prakash, LV Narasimha Prasad, **Sanjay Kumar**, Kumar Abhishek, Manisha Guduri, "A secure and efficient scheme based on unlinkability and anonymous traceable protocol for cloud-assisted IoT environment" Journal of Circuits, Systems, and Computers, 2023 (**Indexed in SCIE**).
- Vipul Narayan, Pawan Kumar Mall, Ahmed Alkhayyat, Kumar Abhishek, **Sanjay Kumar**, Prakash Pandey "Enhance-Net: An Approach to Boost the Performance of Deep Learning Model based on Real-Time Medical Images," Journal of Sensors, 2023 (**Indexed in SCIE**).
- Vipul Narayan, Yashpal Singh, Vimal Kumar, **Sanjay Kumar**, "Ensuring Data Integrity in Distributed System Architecture" in European Journal of Scientific Research, Vol.145, Issue2, June,2017, ISSN:1450-216X/1450-202X.
- Vipul Narayan, Yashpal Singh, Vimal Kumar, Mohammad Faiz, **Sanjay Kumar** "A Comparative Study of Various Hashing Techniques in Distributed System" in European Journal of Scientific Research, Vol.145, June,2017, ISSN:1450- 216X/1450-202X.
- **Sanjay Kumar**, Dr. A.K. Sharma "Semantic Conflicts and Solutions in Integration of Fuzzy Relational Databases" in International Journal for Scientific Research & Development, Vol. 2, Issue 07, Sept 2014. ISSN (online): 2321-0613.

#### PUBLICATIONS IN CONFERENCES

- **Sanjay Kumar**, Kumar Abhishek, Rutvij H. Jhaveri, Abdulatif Alabdulatif, Rajkumar Gaur, "An Efficient Dual Encryption of IoMT Data Using Lightweight Security Scheme for Cloud Based IoT Environment" The 38th ACM/SIGAPP Symposium on Applied Computing Tallinn Estonia March 27 - March 31, 2023.
- **Sanjay Kumar**, Dr. A.K. Sharma, "Integration of Fuzzy Databases in a Multidatabase System " in a National Conference on DIMCTAP-2014 organized by Department of Computer Science & Engineering, M.M.M. University of Technology (UP), ISBN 978-93-842- 24-03-5, Page No 368-374.

#### ACADEMIC & ADMINISTRATIVE RESPONSIBILITIES

- Working as a **member** of **Board of Studies (BOS)**, Department of Computer Science and Engineering, KNIT Sultanpur from October 18, 2023, to till date.
- Worked as a **member** of **Inspection Committee** for AKTU affiliated institute in August and October 2023.

- Working as a **Nodal Officer** (E-District Portal scheme of Govt. of Uttar Pradesh) from October 1, 2022, to till date at Rajkiya Engineering College, Azamgarh.
- Working as a **Nodal Officer** (Tablet Distribution Scheme of Govt. of Uttar Pradesh) from 25th November, 2021 to till date at Rajkiya Engineering College, Azamgarh.
- Working as **Chairman** of SC/ST welfare committee from 28th December, 2021 to till date at Rajkiya Engineering College, Azamgarh.
- Working as an **Additional Nodal Officer (Scholarship)** from 13th July, 2021 to till date at Rajkiya Engineering College, Azamgarh.
- Worked as a **Nodal Officer (Scholarship)** from 22nd June, 2018 to June 2021 at Rajkiya Engineering College, Azamgarh.
- Working as a **Member of Proctorial Board** from 08th September, 2019 to till date at Rajkiya Engineering College, Azamgarh.
- Worked as **Event Coordinator** of the “Coding Contest Event” in **Zonal technical event** organized by Dr. Abdul Kalam Technical, Literacy and Management Fest at Rajkiya Engineering College, Azamgarh during November 08-09, 2019.
- Worked as **Assistant Center Superintendent** for even semester examination 2017-18 and odd semester examination 2018-19 at Rajkiya Engineering College, Azamgarh.
- Worked as an **Additional Nodal Officer (Scholarship)** from 6th march, 2018 to 21st June, 2018 at Rajkiya Engineering College, Azamgarh.
- Worked as 2nd year **Hostel Warden** from 15th November, 2018 to 30th June, 2019 at Rajkiya Engineering College, Azamgarh.
- Worked as a **Centre Controller** in UPSEE-2016 online examination and UPSEE-2018 & 2019 off-line examination conducted by Dr. A.P.J. Abdul Kalam Technical University, Lucknow (U.P.).
- Worked as **External Examiner** of Challenge Evaluation at KNIT Sultanpur.
- Worked as External Practical **Examiner cum Observer** for NIELIT examinations.
- Worked as **Paper Setter** of other institutes and universities.
- Worked as a **Reviewer** of research papers in various conferences and book chapter.

#### **FDP/workshop/seminar organized by me**

- Worked as a **Coordinator** in TEQIP III sponsored two-days Faculty Development Program on “Innovative Trends and Techniques in Computer Science” organized by Department of

Information Technology, Rajkiya Engineering College, Azamgarh during April 20 -21, 2020.

- Worked as a **Coordinator** in TEQIP III sponsored one-day seminar on “Need of Value Education and Professional Ethics” organized by Department of Information Technology, Rajkiya Engineering College, Azamgarh on August 02, 2020.
- Worked as a **Coordinator** in TEQIP III sponsored One-week Workshop on “Current Trends in Integration of IoT with Blockchain Technology” organized by Department of Information Technology, Rajkiya Engineering College, Azamgarh during March 11-15, 2019.
- Worked as a **Coordinator** in TEQIP III sponsored One-week Workshop on “Big Data Analysis Using Hadoop” jointly organized by Computer Center & Department of Information Technology, Rajkiya Engineering College, Azamgarh during October 09-13, 2018.

### **FDP/Short Term Course Attended**

- One-week Short Term Training course on “**Privacy and Security Threats in Federated Learning**” organized by Department of CSE, NIT Patna under Ministry of Electronics and Information Technology (MeitY), Government of India during November 14-18, 2023.
- One-week Faculty Development Program on “**Cyber-Attacks and Defense**” organized by C-DAC Noida supported by Ministry of Electronics and Information Technology, Government of India, during September 18-22, 2023.
- Two -week Short Term Training Programme on “**Research Methodology**” organized by Department of Computer Sc. & Engineering, Gautam Buddha University, Greater Noida during July 06-18, 2020.
- One-week Faculty Development Program on “**Applications of Artificial Intelligence Techniques**” organized by Department of Computer Sc. & Engineering, Ashoka Institute of Technology and Management, Varanasi during July 13-17, 2020.
- One-week Faculty Development Program on “**E- Content Creation for MOOCs and MOODLE**” organized by IET, Dr. Ram Manohar Lohia Avadh University, Ayodhya during July 10-14, 2020.
- Two-week Faculty Development Program on “**Python**” jointly organized by Department of Electronics and Communication Engineering, JSS Academy of Technical education, Noida and Spoken Tutorial Project, IIT Bombay.

- One-week AICTE Recognized Faculty Development Program on “**Outcome Based Curriculum Design**” organized by National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh during June 01-05,2020.
- One-week AICTE Recognized Faculty Development Program on “**Neural Network and CNN**” organized by National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh during May 11-15,2020.
- One-week AICTE Recognized Faculty Development Program on “**Neural Network and CNN**” organized by National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh during May 11-15,2020.
- TEQIP III sponsored a one-week Workshop cum Faculty Development Program on “**Data Sciences**” Jointly organized by KNIT Sultanpur and MNNIT Allahabad, Prayagraj during May 04-08, 2020.
- 4-day Online Course on “**Examination Reform**” organized by AICTE during 29<sup>th</sup> April to 2<sup>nd</sup> May,2020.
- TEQIP III sponsored a one-week Faculty Development Program on “**Digital Forensics and Security Research**” Jointly organized by MCA and IT Department, Government Engineering College, Karad, Maharashtra and Rajkiya Engineering College, Azamgarh during April 25-29, 2020.
- TEQIP III sponsored a one-week Faculty Development Program on “**Application of Optimization Methods in Engineering**” organized by the Department of Civil Engineering, Rajkiya Engineering College, Azamgarh during August 05-09, 2019.
- TEQIP III sponsored a one-week Faculty Development Program on “**Total Quality Management**” organized by the Department of Mechanical Engineering, Rajkiya Engineering College, Azamgarh during June 04-08, 2018.
- TEQIP II sponsored one-week Short Term Course on “**Advances in Computing Technology**” organized by the Department of Computer Sc. & Engineering, Madan Mohan Malaviya University of Technology, Gorakhpur during July 3-9, 2016.

### **Seminar/Workshop Attended**

- One-week National Instructional Workshop on “**Cryptology**” organized by School of Computer and Systems Sciences, JNU, New Delhi during July 22-26,2020.

- One-week workshop on “**Security**” organized by International Centre for Advanced Research and Studies (ICARS), Delhi in association with Sharda University, Greater Noida during July 06-10 ,2020.
- One-week workshop on “**Research Tools**” organized by International Centre for Advanced Research and Studies (ICARS), Delhi during June 29 to July 03,2020.
- TEQIP III sponsored a one-day webinar on “**Data Sciences and Applications**” organized by Government Engineering College, Karad, Maharastra on May 23,2020.
- One-day national webinar on “**Effective Research Paper Writing**” organized by Department of IT & CSE, Rajkiya Engineering College, Bijnor on May 23<sup>rd</sup> ,2020.
- One-day international webinar on “**Next Generation Computing System**” organized by Department of Master of Computer Application, IET, Dr. Ram Manohar Lohia Avadh University, Ayodhya on May 17,2020.
- One-day workshop on “**AI using Python**” organized by CETPA INFOTECH PVT. LTD. on February 14, 2020.
- TEQIP III sponsored a one-week workshop on “**Corporate Expectation and Academia**” organized by Rajkiya Engineering College, Azamgarh during September 15-19, 2018.
- TEQIP III sponsored a one-week “**Startup Summit**” organized by Rajkiya Engineering College, Azamgarh during September 04-08, 2018.
- TEQIP III sponsored a One-week summer workshop on “**Active Learning, Autonomy, Academic Governance and R&D**” organized by Indian Institute of Technology, Roorkee during June 18-22, 2018.
- TEQIP III sponsored a 3-days NBA workshop on “**Outcome Based Education**” at Rajkiya Engineering College, Azamgarh during March 16-17, 2018.
- One-day workshop organized by **IBM** on “**Rational Functional Tester for Java**” at Kamla Nehru Institute of Technology, Sultanpur on May 8, 2011.

## DECLARATION

I hereby declare that the information provided above is true to the best of my knowledge and belief.



**SANJAY KUMAR**