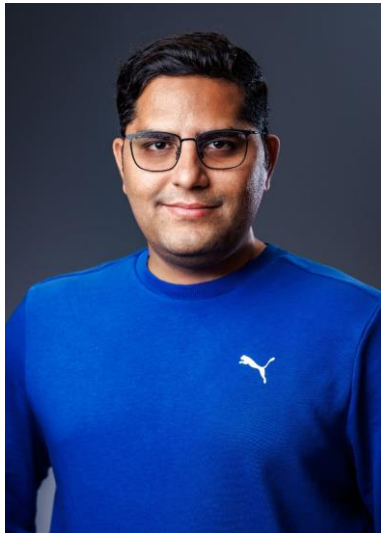


Ramanujan College

FACULTY PROFILE

FIRST NAME	VIPIN	MIDDLE NAME (if any)	KUMAR	PHOTOGRAPH (ATTACH BELOW) 
LAST NAME	RATHI			
DEPARTMENT	DEPARTMENT OF COMPUTER SCIENCE			
DESIGNATION	ASSISTANT PROFESSOR			
GENDER	MALE			
DATE OF BIRTH (DD/MM/YYYY)				
LANGUAGE PROFICIENCY	ENGLISH, HINDI			
ADDRESS				
MOBILE				
EMAIL	VIPIN.RATHI@RAMANUJAN.DU.AC.IN			
EDUCATIONAL QUALIFICATIONS:				
DEGREE	INSTITUTION		YEAR	
PhD(P)	Jawaharlal Nehru University			
M.Tech.	Jawaharlal Nehru University		2016	
CAREER PROFILE: TEACHING EXPERIENCE				
8+ years				

CAREER PROFILE: INDUSTRY EXPERIENCE

ADMINISTRATIVE ASSIGNMENTS: (List any administrative roles or responsibilities you have held)

AREAS OF INTEREST / SPECIALIZATION: (Highlight your specific areas of interest or fields of specialization within your subject area)

Blockchain, 5G/6G, Cryptography, Distributed Computing

SUBJECTS TAUGHT: (List all the subjects you have taught)

Cloud Computing
Blockchain
Machine Learning
Computer Network
Operating System

COURSE DEVELOPMENT: (Mention any courses you have developed or contributed to designing)

RESEARCH GUIDANCE: (Provide details on research supervision, indicating the number of doctoral and postgraduate students guided)

PUBLICATIONS PROFILE: RESEARCH PAPERS (List your published research papers, including the title, journal, and year)

- V. K. Rathi et al., "A Blockchain-Enabled Multi Domain Edge Computing Orchestrator," in IEEE Internet of Things Magazine, vol. 3, no. 2, pp. 30-36, June 2020, doi: 10.1109/IOTM.0001.1900089.
- Rathi, V.K.; Rajput, N.K.; Mishra, S.; Grover, B.A.; Tiwari, P.; Jaiswal, A.K.; Hos sain, M.S. An edge AI-enabled IoT healthcare monitoring system for smart cities. Comput. Electr. Eng. 2021, 96, 107524
- Rathi, Vipin and Singh, Karan. SDN Layer 2 Switch Simulation Using Mininet and OpenDayLight.10.1007/978-981-10-8533-8-30 (2018). • Evidence of power-law behavior in cognitive IoT applications. Neural Comput and Applic (2020). <https://doi.org/10.1007>
- Singh, S., Rajput, N.K., Rathi, V.K. et al. Securing Blockchain Transactions Using Quantum Teleportation and Quantum Digital Signature. Neural Process Lett (2020). <https://doi.org/10.1007/s11063-020-10272-1>
- Rajput, Nikhil Kumar, Bhavya Ahuja Grover, and Vipin Kumar Rathi. "Word frequency and sentiment analysis of twitter messages during Coronavirus pandemic." arXiv preprint arXiv:2004.03925 (2020).

PUBLICATIONS PROFILE: BOOK CHAPTERS (List your published book chapters, including the title, publisher, ISBN and year)

PUBLICATIONS PROFILE: OTHERS (Mention any other relevant publications details)

CONFERENCE / WORKSHOPS/ REFRESHER/ FDP/ TRAINING ORGANIZED

CREATION OF ICT MEDIATED TEACHING LEARNING PEDAGOGY AND CONTENT

CONFERENCE/WORKSHOPS/TRAINING ATTENDED AS FACULTY MEMBER

INVITED LECTURES AS RESOURCE PERSON AND PAPER PRESENTATIONS:

RESEARCH PROJECTS (MAJOR GRANTS/RESEARCH COLLABORATION)

AWARDS AND DISTINCTIONS:

ASSOCIATION WITH PROFESSIONAL BODIES:

OTHER ACTIVITIES: (Include any additional relevant activities or contributions not covered in the above sections.)