MAHARAJA AGRASEN COLLEGE
University of Delhi
Vasundhara Enclave, Delhi 110096

Curriculum Vitae

First Name	VIKAS		Middle Name		Last Name	MITTAL
Designation	Assistant Professor			Department		Computer Science
Date of Birth	29-April-1984			Date of Joining		January 7, 2013
Residential Address	145/1, Main Road Maujpur, Delhi					
Contact No.	9868204777			Email Id		vikasmittal@mac.du.ac.in

Educational Qualifications

Degree	Institution	Year	Details
B.Tech	GGS IP University, New Delhi	2006	Information Technology
M.Tech	GGS IP University, New Delhi	2008	Computer Science
PhD	Jawaharlal Nehru University	Registration : 2018	Pursuing
Specialization	Machine Learning, Disaster Management, Image Based Encryption		

Career Profile

Organization/ Institution	Post Held	Adhoc/ Temp/ Permanent	From	To	Total Experience
Dr B R Ambedkar National Institute of Technology, Jalandhar	Assistant Professor	Adhoc	2010	2011	1 Year
Northern India Engineering College, Delhi	Assistant Professor	Permanent	2011	2013	1.6 Years
Maharaja Agrasen College, University of Delhi	Assistant Professor	Adhoc	2013	Till date	9 Years 10 Months

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List of research papers published in peer reviewed/ UGC Listed/ Scopus indexed research journals

Title of the article / paper	Journal Name	ISSN	Issue / Vol No.	Year	Whether Peer reviewed/ UGC Listed/ Scopus Indexed Journal	Thomson Reuter Impact Factor
Ascertaining the impact of meteorological parameters for forecasting floods in the northern districts of Bihar	International Journal of Water	1465-6620	4/ 14	2021	UGC Listed/ Scopus	1.6
Assessing the impact of balancing the flood dataset on the performance of classification based flood forecasting models for the river basins of Odisha	International Journal of Global Warming	1758-2083	Forth coming Article		SCIE/UGC listed/ Scopus	1.5
Forecasting Floods Using Classification Based Machine Learning Models	Lecture Notes in Electrical engineering	1876-1100	925	2022	Scopus	NA
Forecasting Floods in the river basins of Odisha using Machine Learning	Lecture Notes in Electrical Engineering	1876-1100	982	2022	Scopus	NA
Comparative Analysis of Authentication and Access Control ProtocolsAgainst Malicious Attacks in Wireless Sensor Networks	Smart Computing and Informatics, Smart Innovation Systems and Technologies, Springer Nature, 2018	978-981-10-5546-1	78	2018	Scopus	NA

List of Books (edited/ authored)

Title of the book	Author / Editor	ISBN	Year	Publisher

List of Chapters in a book

Title of the chapter	Title of the book	ISBN	Year	Publisher
Unit-5 The Memory system in MCS 202 Computer Organization	Computer Organization		2021	IGNOU- egyankosh http://egyankosh.ac.in//handle/123456789/73847
Unit-6 Advance memory organisation in MCS 202 Computer Organization	Computer Organization		2021	http://egyankosh.ac.in//handle/123456789/73848
Comparative Analysis of Authentication and Access Control ProtocolsAgainst Malicious Attacks in Wireless Sensor Networks	Smart Computing and Informatics, Smart Innovation Systems and Technologies, Springer Nature, 2018	978-981-10-5546-1	2017	Springer
Machine Learning for Flood Forecsating	Sustainable Development: Socio-Economic, Environmental and Energy Development	978-93-91681-51-7	2021	Bharti Publications 4819/24, 2nd Floor, Mathur Lane Ansari Road, Darya Ganj, New Delhi-110002 Phone: 011-23247537, 46172797 Mobile : +91-989-989-7381

List of Papers presented/ Invited Lecture/ Resource Person in conferences/ seminars/ workshops/ FDPs

Title of Paper/ Talk/ Subject	Conference/ Invited talk/ Resource Person	Title of conference/ seminar/ workshop/ FDP	Level (College/ State/ National/ International)	Year	Name of Organizer(s)
Artificial Intelligence of Disaster Management	Conference	International Conference on Challenges of Disasters : Vulnerability,	International	2021	Jamia Millia Islamia (JMI), National Institute of Disaster Management (NIDM) and Regional Remote Sensing Centre (North), ISRO

		Adaptation and Resilience			
Machine Learning for Flood Forecasting	Conference	International Conference on Sustainable Development	International	2021	St. Kabir Institute of Professional Studies
Forecasting Floods Using Classification Based Machine Learning Models	Conference	International Conference on Advances and Applications of Artificial Intelligence and Machine Learning	International	2021	Sharda University
Forecasting Floods in the river basins of Odisha using Machine Learning	Conference	International Conference on Intelligent Computing and Security: A Paradigm Shift	International	2021	G.L. Bajaj Institute of Technology and Management
Artificial Intelligence for Flood Warning Systems	Conference	27th International Conference (CONIAPS XXVII) on Recent Advances in Mathematical and Computational Optimizations (RAMCO	International	2021	School of Computational and Integrative Sciences, Jawaharlal Nehru University New Delhi-110067, India In Association With International Academy of Physical Sciences (IAPS)

PhD Research Guidance

Name of the Scholar	Year of registration	Affiliating University	Status (Ongoing/ Thesis Submitted/ Awarded)

Research projects

Title	Period		Sanctioned Amount	Sponsoring/ Funding Agency
	From	To		
MAC 210 – Development of University Applications (DU-Apps) for Mobile Plateform (2014-15	2014	2015	5 Lakhs	University of Delhi
MAC 308 – Content Syndication and Catalogues for Undergraduate Science Courses (2015-16)	2015	2016	3 Lakhs	University of Delhi

I certify that the information given above is correct and factual to the best of my knowledge.

Date: 30-Nov-2022