

Dr. UTKARSH MAHADEO KHAIRE

EDUCATION

EXAM / DEGREE	SUBJECT / BRANCH	YEAR	NAME OF INSTITUTE	UNIVERSITY / BOARD	PERCENTAGE / CGPA
PhD	Computer Science And Engineering	2020	National Institute of Technology Nagaland	National Institute of Technology Nagaland	8.69
M.Tech	Computer Science And Engineering	2017	National Institute of Technology Nagaland	National Institute of Technology Nagaland	8.35
B.E.	Information Technology	2014	Bapurao Deshmukh College of Engineering, Sewagram	Rashtrasant Tukdoji Maharaj Nagpur University	66.16%
HSC	Math's, Physics, Chemistry, English, Marathi	2010	Jawahar Navodaya Vidyalaya Wardha	CBSE	78.4%
SSC	Math's, Science, Social Science, English, Marathi	2008	Jawahar Navodaya Vidyalaya Wardha	CBSE	84.4%

EXPERIENCE

Sr. No.	Role	Department	Institute	From	To
01	Teaching Assistant	Computer Science and Engineering	National Institute of Technology Nagaland	August, 2017	June, 2020
02	Assistant Professor	Computer Science and Engineering	G H Rasoni College of Engineering, Nagpur	September, 2020	January, 2021
03	Assistant Professor	Data Science and Intelligent Systems	Indian Institute of Information Technology Dharwad, Karnataka	January, 2021	Till date

SKILL SET

- **AREA OF INTEREST:** Data Analytics, Machine Learning, Data Structures and Algorithms, Operating System, and Computer Architecture and Organization.
- **LANGUAGES KNOWN:** English, Hindi, Marathi

RESEARCH PROJECTS

- **PhD THESIS:** Risk Prediction and Prognosis of Life Threatening Diseases Based on Healthcare Data.
- **M.TECH PROJECT:** Enhanced Feature Selection and Classification of Microarray Data Using MapReduce Techniques based on Random Forest Algorithm.

PUBLICATIONS

SL. NO.	TITLE	NAME OF JOURNAL	VOLUME, PAGE NUMBER & YEAR	STATUS (PUBLISHED /ACCEPTED /UNDER REVIEW)
01	Feature Selection and Classification of Microarray Data for Cancer Prediction Using MapReduce Implementation of Random Forest Algorithm	Journal of Scientific and Industrial Research, NISCAIR-CSIR (SCIE)	Vol. 78, pp. 158-161, March 2019	Published Citations: 1
02	Stability of feature selection algorithm: A review	JKSU–Computer and Information Sciences, Elsevier (SCOPUS)	In Press, June 2019	Published Citations: 32
04	Optimizing Feature Selection Parameters using Statistically Equivalent Signature (SES) Algorithm	4th IEEE International Conference on Information Systems and Computer Networks (ISCON), IEEE (SCOPUS)	pp. 625-629, 2019	Published
03	Searching for Multiple Equivalent Predictors from Oral Squamous Cell Carcinoma Dataset Using Statistically Equivalent Signature Algorithm	International Journal of Mathematics in Operational Research, Inderscience (SCOPUS)	Vol. 17(1), pp. 78-89, 2020	Published
05	High-dimensional Microarray Dataset Classification using an Improved Adam Optimizer (iAdam)	Journal of Ambient Intelligence and Humanized Computing, Springer (SCIE)	Vol. 11, pp. 5187–5204, 2020	Published Citations: 4
06	Effects of Random Forest Parameters in the Selection of Biomarkers	The Computer Journal, Oxford University Press (SCIE)	In Press, 2020	Published
07	Stability Investigation of Improved Whale Optimization Algorithm in the Process of Feature Selection	IETE Technical Review, Taylor & Francis (SCI)	In Press, 2020	Published

WORKSHOPS/SEMINARS/CONFERENCES

WORKSHOPS			
SL.NO.	TITLE	ORGANIZER	DURATION
01	Network Implementation and Security	Association for Computing Machinery – IIT Delhi and Network Bulls	15 Feb, 2014 – 16 Feb, 2014
02	Private Cloud Implementation with Open Source Software	National Institute of Technology Nagaland, India	02 Nov, 2017 – 06 Nov, 2017
03	Predictive Analytics	National Institute of Technology Nagaland, India	07 Dec, 2017 – 11 Dec, 2017
04	Big Data Analytics and Mining in Deep Web Repositories	Central University of Rajasthan, Ajmer, India.	08 Jan, 2018 – 12 Jan, 2018
05	Optimization Techniques and Big Data Analytics Tools for Engineering Solutions	Dept. of Electrical and Electronics Engineering and Dept. of Computer Science and Engineering at National Institute of Technology Nagaland, India	09 April, 2018 – 13 April, 2018
06	ANN and Deep learning	The Ministry of Electronics and Information Technology (MeitY), Govt. of India, at IIT Guwahati	11 June, 2018 – 15 June, 2018
07	Medical Image Computing: Machine learning methods and Advanced-MRI applications	IIT Bombay, India	23 July, 2018 – 27 July, 2018
08	Algebra and Optimization	Dept. of Science and Humanities (Mathematics) at National Institute of Technology Nagaland, India.	10 Dec, 2018 – 14 Dec, 2018
09	AI and Machine learning	The Ministry of Electronics and Information Technology (MeitY), Govt. of India.	17 Dec, 2018 – 21 Dec, 2018
10	Antenna Trends	The Ministry of Electronics and Information Technology (MeitY), Govt. of India.	01 July, 2019 – 05 July, 2019
11	VLSI Chip Design Hands on using open source EDA	The Ministry of Electronics and Information Technology (MeitY), Govt. of India.	08 July, 2019 – 12 July, 2019
12	Artificial Intelligence and Machine Learning	Dept. of Computer Science and Engineering at National Institute of Technology Nagaland, India	21 Oct, 2019 – 25 Oct, 2019
13	Computing with Words via Fuzzy logic with Applications	National Institute of Technology Nagaland, India	13 Jan, 2020 – 17 Jan, 2020
14	Python Programming with Industry Perspective	The Ministry of Electronics and Information Technology (MeitY), Govt. of India.	02 Dec, 2019 – 06 Dec, 2019
15	Deep Learning and Applications	The Ministry of Electronics and Information Technology (MeitY), Govt. of India.	09 Dec, 2019 – 13 Dec, 2019
16	Natural Language Processing	The Ministry of Electronics and Information Technology (MeitY), Govt. of India.	06 Jan, 2020 – 10 Jan, 2020

INTERNATIONAL CONFERENCES				
SL.NO.	PAPER TITLE	CONFERENCE	ORGANIZER	DURATION
01	Extract-Transform-Load (ETL) Tool	3rd International Conference on “Quality Up-gradation in Engineering, Science and Technology (IC-QUEST 2014)	Bapurao Deshmukh College of Engineering, Sevagram in collaboration with The Institute of Engineers (India), Kolkata.	19 April, 2014
02	Optimizing Feature Selection Parameters using Statistically Equivalent Signature (SES) Algorithm	4th IEEE International Conference on Information Systems and Computer Networks (ISCON)	Department of Computer Engineering & Applications GLA University Mathura-281406(UP), INDIA	21 November, 2019 – 22 November, 2019
03	Random Opposition-based Learning Sailfish Optimization Technique for Feature Selection	2 nd National Conference on Communication Systems (NCOCS-2020)	Department of Electronics and Communication Engineering, National Institute of Technology Puducherry, Karaikal, 609609, India	21 November, 2020