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 [Publications](#)

Academic Identity



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Scopus Id

56668302700 (<http://www.scopus.com/authid/detail.url?authorId=56668302700>)



Researcher Id

C-3019-2017 (<https://www.webofscience.com/wos/author/rid/C-3019-2017>)



Google Scholar Id

HMAzliEAAAAJ (<http://scholar.google.co.in/citations?user=HMAzliEAAAAJ>)

Vidwan-ID : 61720

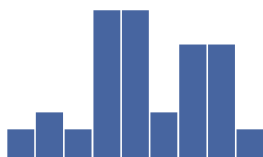
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Dr Sanayam Shukla

 Assistant Professor

 Maulana Azad National Institute of Technology, Bhopal

Publications 2015 - 2023



Publications

27
Journal Articles

17
Conference
Proceedings

 
1 25

Citations / H-Index

 996
CITATIONS

 14
H-INDEX

 90
CITATIONS

Google Scholar

 CITATION

1702
Total

1614
(2018)

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17
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17
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26
Total

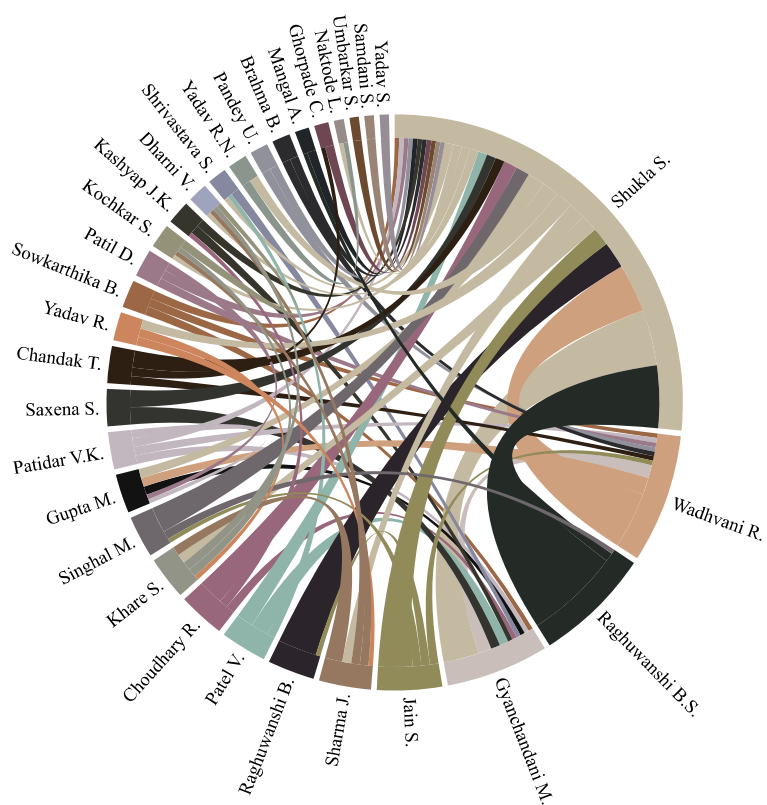
23
(2018)

Co-author Network

 Co-author - 57

Years

- ✓ 2023
- ✓ 2022
- ✓ 2021
- ✓ 2020
- ✓ 2019
- ✓ 2018
- ✓ 2017
- ✓ 2016
- ✓ 2015
- ✓ 2014
- ✓ 2013



Expertise

Computer Science Artificial Intelligence

⚙️ Statistical methods, Machine Learning.

Personal Information

Dr Sanayam Shukla

 Male

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 Bhopal, Madhya Pradesh, - 462003

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Experience

2005 - Present

Assistant Professor

 Department of Computer Science and Engineering
Maulana Azad National Institute of Technology, Bhopal

Qualification

2015

Ph.D

 Maulana Azad National Institute of Technology

Publications (44)

Sort by ▼

Data complexity-based dynamic ensembling of SVMs in classification

Sowkarthika B.;Gyanchandani M.;Wadhvani R.;Shukla S.

Article Expert Systems with Applications, **Volume** 216, **Year** 2023

DOI:10.1016/j.eswa.2022.119437 (<http://dx.doi.org/10.1016/j.eswa.2022.119437>)



(<https://badge.dimensions.ai/details/doi/10.1016/j.eswa.2022.119437?domain=https://manit.irins.org>)

Quantile Regression Comprehensive in Machine Learning: A Review

Patidar V.K.;Wadhvani R.;Shukla S.;Gupta M.;Gyanchandani M.

Conference Paper

2023 IEEE International Students' Conference on Electrical, Electronics and Computer Science, SCEECS 2023, **Year** 2023

DOI:10.1109/SCEECS57921.2023.10063026 (<http://dx.doi.org/10.1109/SCEECS57921.2023.10063026>)



Analysis of Different Loss Function for Designing Custom CNN for Traffic Sign Recognition

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Regularized CNN for Traffic Sign Recognition

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1st IEEE International Conference on Smart Technologies and Systems for Next Generation Computing, ICSTSN 2022, **Year** 2022

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Adaptive wind data normalization to improve the performance of forecasting models

Patil D.;Wadhvani R.;Shukla S.;Gupta M.

Article

Wind Engineering, **Volume** 46, **Year** 2022, **Pages** 1606-1617

DOI:10.1177/0309524X221093908 (<http://dx.doi.org/10.1177/0309524X221093908>)



OCSK-SMOTE: An improved minority oversampling technique for unbalanced dataset using One-Class SVM and K-means

Pandey U.;Shukla S.;Wadhvani R.

Conference Paper

2022 2nd International Conference on Advance Computing and Innovative Technologies in Engineering, ICACITE 2022, **Year** 2022, **Pages** 2343-2347

DOI:10.1109/ICACITE53722.2022.9823814 (<http://dx.doi.org/10.1109/ICACITE53722.2022.9823814>)



Universum based kernelized weighted extreme learning machine for imbalanced datasets

Raghuwanshi B.S.;Mangal A.;Shukla S.

Article International Journal of Machine Learning and Cybernetics, **Volume** 13, **Year** 2022, **Pages** 3387-3408

DOI:10.1007/s13042-022-01601-y (<http://dx.doi.org/10.1007/s13042-022-01601-y>)



Reduced-Kernel Weighted Extreme Learning Machine Using Universum Data in Feature Space (RKWELM-UFS) to Handle Binary Class Imbalanced Dataset Classification

Choudhary R.;Shukla S.

Article Symmetry, **Volume** 14, **Year** 2022

DOI:10.3390/sym14020379 (<http://dx.doi.org/10.3390/sym14020379>)

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Breast cancer histopathology image classification using kernelized weighted extreme learning machine

Saxena S.;Shukla S.;Gyanchandani M.

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DOI:10.1002/ima.22465 (<http://dx.doi.org/10.1002/ima.22465>)



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Brahma B.;Wadhvani R.;Shukla S.

Article Wind Engineering, **Volume** 45, **Year** 2021, **Pages** 1422-1432

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Minimum variance-embedded kernelized extension of extreme learning machine for imbalance learning

Raghuwanshi B.S.;Shukla S.

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Raghuwanshi B.S.;Shukla S.

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DOI:10.1007/s13748-021-00236-4 (<http://dx.doi.org/10.1007/s13748-021-00236-4>)



Classifying imbalanced data using SMOTE based class-specific kernelized ELM

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An analysis of “A feature reduced intrusion detection system using ANN classifier” by Akashdeep et al. expert systems with applications (2017)

Chandak T.;Shukla S.;Wadhvani R.

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