Munish Kumar (M.E., Ph.D.)

Featured in Stanford University's 2022, 2023 World Ranking of the Top 2% Scientists
Associate Professor, Department of Computational Sciences, Maharaja Ranjit Singh Punjab Technical
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Skills

Programming Skills:	*Python* (*Pandas, NumPy, SciPy, MatPlotLib*)
Databases:	*MS SQL Server*
BI & Visualization Tools:	*Power BI, MS Excel*

Research Interests

Document Analysis & Recognition, Forensic Digital Image Processing, Image Processing, Pattern Recognition,

Work Experience

Maharaja Ranjit Singh Punjab Technical University (State Govt. University)   Bathinda, IN
Associate Professor | Computational Sciences   **Aug, 2023-Till Date**
- Conducted student performance analysis using Python, SQL and Power BI, guiding curriculum enhancements.
- Contributing to publications in high impacted and reputed journals.
- Instructed data analysis and machine learning, equipping students with practical skills for real-world applications.
- Collaborated cross-functionally on interdisciplinary research initiatives, integrating computer science with data analysis methodologies for innovative solutions

Maharaja Ranjit Singh Punjab Technical University (State Govt. University)   Bathinda, IN
Assistant Professor | Computational Sciences   **Aug, 2016-July, 2023**
- Conducted student performance analysis using Python, SQL and Power BI, guiding curriculum enhancements.
- Contributing to publications in high impacted and reputed journals.
- Instructed data analysis and machine learning, equipping students with practical skills for real-world applications.
- Collaborated cross-functionally on interdisciplinary research initiatives, integrating computer science with data analysis methodologies for innovative solutions.

Academic Qualification

Thapar Institute of Engineering & Technology, Patiala, India   April, 2015
Doctor of Philosophy in Computer Science
Dissertation Title: *Offline Handwritten Gurmukhi Script Recognition*

Thapar Institute of Engineering & Technology, Patiala, India   June, 2008
Master of Engineering in Computer Science and Engineering

IKG Punjab Technical University, Jalandhar, India   Sept, 2005
Bachelors of Sciences in Information Technology

Publications

• SCI/SCI-E Indexed Journals	:	110		• Book Chapters	:	18
• Research Projects	:	01		• Ph.D. Thesis (Guided)	:	08
• Patents	:	04		• Ph.D. Thesis (In-process)	:	05
• Copy Rights	:	01		• M.E. Thesis Guided	:	08
• Conference Articles	:	32		• Conferences/Workshop Organized	:	03
• Text Books	:	03		• Seminar/ Conferences Attended	:	32
• Edited Books	:	02				

Research Quality Indicators

• *Google Scholar Citations*	6463		• *Scopus Citations*	4353
Google h-index	42		*Scopus h-index*	33
Google i10-index	103			
			• *Web of Science Citations*	3099
			Web of Science h-index	27

Languages

English, *Hindi, Punjabi*