

## Brief Profile

<b>Name</b>	: Mragank Singhal
<b>Date of Birth</b>	: 3 <sup>rd</sup> July 1983
<b>Educational Qualification</b>	
• <i>Ph.D.</i>	: Pursuing (Indraprastha University, New Delhi)
• <i>MCA</i>	: UPTU, Lucknow
• <i>BCA</i>	: MJPRU, Bareilly
<b>Work Experience</b>	
• <i>Teaching</i>	: 7.5 Years
• <i>Research / Industry</i>	: 1 Year
<b>E-mail ID</b>	: <a href="mailto:mragank.singhal@miet.ac.in">mragank.singhal@miet.ac.in</a>
<b>Contact No.</b>	: 8791350162
<b>Area of Interest</b>	: Java, Data Structure, C, C++, Python, Remote Sensing and GIS
<b>Teaching</b>	
• <i>Subjects Taught at UG Level</i>	: C, C++, Data Structure
• <i>Subjects Taught at PG Level</i>	: Java, Web Technology, Discrete Mathematics, Python
<b>Research Publications</b>	
• <i>Journals</i>	: 3
• <i>Conferences</i>	: 13
<b>No. of National/International Conferences attended/ Paper Presented</b>	: 13
<b>STC/FDP/Seminars/Workshops Organized</b>	: 2
<b>STC/FDP/Summer/Winter Schools/Workshops /Seminars attended</b>	: 6
<b>Certification Courses (NPTEL etc.)</b>	: NPTEL Certification on Programming, Data Structure and Algorithms Using Python
<b>Memberships of the Professional Societies</b>	: 2
<b>Awards/Honors</b>	: 3
<b>Any other relevant Information</b>	: Two Months ISRO-sponsored NNRMS course on “Geographical Information System Technology and Advances” at Indian Institute of Remote Sensing, Indian Space Research Organization (ISRO), Department of Space, Dehradun.

## LIST OF PUBLICATIONS

### Journal:

- [1] Paper titled “Emerging Trends and Open Analysis in Human Computer Interaction” at “International Journal of Trends in Computer Science” Vol 2, Issue 11, Page 67, Year 2013 (ISSN No. 7462-8452)
- [2] Paper titled “Analysis of Kernel Approach in Fuzzy-Based Image Classifications” at “International Journal of Electronics and Computer Science Engineering”, Vol 2, Issue 2, Page 726, Year 2013 (ISSN No. 2277-1956)
- [3] Paper titled “Remote Sensing and Research Aspects in Technological Development of Computer Science” at “Journal of Environmental Science, Computer Science and Engineering & Technology”, Vol 2, Issue 4, Year 2013 (ISSN No. 2278-179X)

### Conferences:

- [1] Presented paper titled “**Study and Review of Microservices Framework Applications**” at *International Conference on Advanced Computing* at College of Computing Sciences and Information Technology, TMU, Moradabad (Uttar Pradesh)
- [2] Presented paper titled “**Study and Challenges of Ambient Intelligence with the Framework IoT**” at *IEEE International Symposium ‘Internet of Things: Smart Innovation & Usages (IoT-SIU)’* at Faculty of Engineering and Technology, MJP Rohilkhand University, Bareilly (Uttar Pradesh)
- [3] Presented paper titled “**Genetic Fuzzy System – An Hybrid Approach to Learning and Adaptations of Computationally Intelligent Systems**” at *International Conference ‘System Modeling & Advancement in Research Trends (SMART)’* at College of Computing Sciences and Information Technology, TMU, Moradabad (Uttar Pradesh)
- [4] Presented paper titled “**Study of Advances and Challenges in Geovisual Analytics**” at *International Conference ‘System Modeling & Advancement in Research Trends (SMART)’* at College of Computing Sciences and Information Technology, TMU, Moradabad (Uttar Pradesh)
- [5] Contributed paper titled “**An overview of Machine Learning methodologies in classification of satellite image**” at *National Conference ‘Innovation of Computer Sciences & Emerging Technologies (ICSET – 2014)’* at School of Computer Applications (SOCA), at IMS Unison University, Dehradun.
- [6] Presented paper titled “**Emerging Trends and Open Analysis in Human Computer Interaction**” at *International Conference ‘System Modeling & Advancement in Research Trends (SMART)’* at College of Management and Computer Applications, TMU, Moradabad (Uttar Pradesh)
- [7] Presented paper titled “**Impact and Risk of Social Engineering on Information Security**” at *National Conference ‘Emerging Trends in Computational Research & Development’* at Dev Sanskriti Vishwavidyalaya, Gayatrikunj, Shantkunj, Haridwar (Uttar Pradesh)
- [8] Presented paper titled “**Application of Remote Sensing based Techniques in the development of Indian Agriculture**” at *National Conference ‘Microwave, Antennas and Remote Sensing’* at Graphic Era Hill University, Dehradun (Uttarakhand), sponsored by IEEE and USAC
- [9] Presented paper titled “**Analysis of Kernel Approach in Fuzzy-Based Image Classifications**” at *National Conference ‘Emerging Trends In Computer Science & Communication Technology’* at ANA College of Engineering and Management Studies, Bareilly (Uttar Pradesh)
- [10] Presented paper titled “**Kernel Methods & Techniques on Satellite Image Classifications**” at *International Conference ‘System Modeling & Advancement in Research Trends (SMART)’* at College of Management and Computer Applications, TMU, Moradabad (Uttar Pradesh)
- [11] Presented paper titled “**Future Aspects of Digital Watermarking and Multimedia Security using Steganography**” at *International Conference ‘Resurging India – Myths and Realities’* at College of Management and Computer Applications, TMU, Moradabad (Uttar Pradesh)
- [12] Presented paper titled “**Object Based Automated Real Time Expert System Shell (OARTESS)**” at *International Conference ‘Role of management and technology in shaping India as a developed nation by 2020’* at College of Management and Computer Applications, TMU, Moradabad (Uttar Pradesh)
- [13] Presented paper titled “**Role of Green Technology in Increasing The Efficiency of Data Centers**” at *National Conference ‘Green Technology: Opportunities and Challenges’* at K. C. Group of Institutions, Nawanshahar (Punjab)