FACULTY PROFILE

Name: Madhuri Sharma

Designation: Assistant Professor

E_Mail: madhuris@srmist.edu.in

Professional Qualification:

2020 Ph.D. (Pursuing) from SRM IST

2012 M-Tech. (CSE) from CDAC-Noida from GGSIP University, Delhi (Percentage Agg. – 79.44%)

2010 B. Tech. (CSE) from KNGD Modi Engineering College, Ghaziabad from UPTU University (Percentage Agg. – 81.5%)

2006 Intermediate - TRMPS, Ghaziabad from C.B.S.E Board 78.6%

2004   High school - TRMPS, Ghaziabad from C.B.S.E Board 80.6%

Publications (Journals & Conferences):

- ➢ Published a book chapter on "Cancer Cell Growth Discovery Utilizing Computerized Image Processing Strategies", 1st Edition, 2022, Apple Academic Press, Intelligent System Algorithms and Applications in Science and Technology, Pages: 9, eBook ISBN: 9781003187059, DOI: 10.1201/9781003187059-3
- ➢ Sharma, M., Malik, M. (2021). Use of RNN in Devangari Script. In: Dash, S.S., Das, S., Panigrahi, B.K. (eds) Intelligent Computing and Applications. Advances in Intelligent

Systems and Computing, vol 1172. Springer, Singapore. https://doi.org/10.1007/978-981-15-5566-4_53, 30 September 2020, Springer, Singapore, Print ISBN: 978-981-15-5565-7

➢ Mehul Bhargava, Shruti Singh, Madhuri Sharma, "Laser Projection Virtual Keyboard", International Research Journal of Engineering and Technology (IRJET) e-ISSN: 23950056, Volume: 08 Issue: 06 | June 2021

➢ Srishti Dhingra, Madhuri Sharma, Hitesh Arora, Anupam Misra, Surabhi Nayak, "Real-Time Vital Signs Monitoring System", International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181, Vol. 8 Issue 06, June-2019

➢ Medhavi Malik, Bersha Kumari, Madhuri Sharma, "Steps: To Make NLP More Enhance by New Techniques", International Journal of Engineering and Advanced Technology (IJEAT), Volume-8, Jan-2019. Scopus

➢ Madhuri Sharma, Medhavi Malik, Neha Gupta, "An Efficient & Learning Approach of POS Tagging using Rule-Based for Devanagari Script", Innovative Technology and Exploring Engineering (IJITEE), Volume -8, 181-182 May, 2019. Scopus

➢ Pushpendra Chaudhary, Madhuri Sharma, Ayushi Gupta, Aditi Goel, "QA Typology", IJSEC(International Journal of Engineering Science and Computing), ISSN 2250-1371, Volume 7 Issue No. 4, April 2017

➢ Nikita Goel, Madhuri Sharma, "Prioritization of Test Cases and its Techniques", IJCA(International Journal of Computer Application, (2250-1797), Volume 5– No. 4, June 2015

➢ Toshi Sharma, Madhuri Sharma, "Optimizing Dynamic Dependence Graph",IJSR-International Journal of Science and Research, ISSN (Online):2319-7064,Volume 4 Issue 5, May 2015,Paper ID: SUB1549191

➢ Toshi Sharma, Madhuri Sharma, "Program Slicing and Approaches to Dynamic Slicing for Testing", IJISET: International Journal of Innovative Science, Engineering & Technology, Volume – I, Issue – 6, ISSN No. 2348-7968, 6 August 2014

➢ Nikita Goel, Madhuri Sharma, "Prioritizer: Prioritizing test cases for regression testing", IJISET: International Journal of Innovative Science, Engineering & Technology, Volume – I, Issue – 6, ISSN No.- 2348-7968, 6 August 2014

➢ Kanchan Gautam, Madhuri Sharma, "An Approach to Generate the Test Cases for GUI Testing", IJISET: International Journal of Innovative Science, Engineering & Technology, Volume – I, Issue – 6, ISSN No.- 2348-7968, 6 August 2014

➢ Madhuri Sharma, Neha Bajpai, "Automatic Generation & Execution of Mutants", International Journal of Computer Applications-IJCA (0975 – 8887) Volume 44– No.3, April 2012

Awards and Achievements

- Qualified "UNIVERSITY GRANTS COMMISSION-NATIONAL ELIGIBILITY TEST(UGC-NET)" in year Dec 2013
- Qualified "GRADUATE APTITUDE TEST IN ENGINEERING(GATE)" in year 2010 & 2013
- Qualified "COMMON ELIGIBILTY TEST-2012", conducted by Dr. Ram Manohar Lohia Awadh University, Faizabad, June 2012
- College Topper in Graduation level

Workshops/Seminars/FDPs

- Completed National Level Online Faculty Development Programme "ML/DL BY USING COLAB KNIME- A ROAD MAP" Organized by Computer Science and Engineering, CMR Engineering College, Hyderabad, 1 June-5 June 2021.
- Completed Online FDP "Faculty Development Program on Moodle Learning Management System" Organized by Government Arts and Science College in association with Spoken Tutorial IIT Bombay, MHRD, Government of India, 2 July-8 July 2020.
- Completed the National Level "Faculty Development Program on LaTex" in association with Spoken Tutorial, Indian Institute of Technology, Bombay, Organized by Poornima University, Jaipur, 4 May- 8 May 2020.
- Participated in Online Faculty Development Program on Artificial Intelligence in association with National Youth Council of India and Brain Vision Solutions Pvt. Ltd. Organized by Dr. Rajendra Gode Institute of Technology and Research, Amravati, 22 May-26 May 2020.
- Organized a Faculty Development Program on "Natural Language Processing using Machine Learning", at SRM IST, Delhi NCR Campus, 27.06.2019 to 29.06.2019

Work Experience:

- Working as an Assistant Professor at "SRM INSTITUTE OF TECHNOLOGY, DELHI NCR CAMPUS" (July 2017 – Till Date)
- Worked as an Assistant Professor at "BHARAT INSTITUTE OF TECHNOLOGY, MEERUT" (August 2012 – July 2017)

Professional Memberships:

- Member of The Indian Society for Technical Education