FACULTY PROFILE

Name: Dr. Rupak Sharma

Designation: Associate Professor & Head

E_Mail: rupaks@srmist.edu.in, hod.mca.ncr@srmist.edu.in

Professional Qualification:

- **Ph.D** in Computer Science & Engineering from Singhania University, Rajasthan in 2012.

- **MCA** (Master of Computer Applications) from Meerut Institute of Engineering & Technology, Meerut in 2001.

Publications (Journals & Conferences):

- **Rupak Sharma, Arvind Kumar** (May 2023) Paper published on the title "A System Based on AI and ML Enhanced to Investigate Physiological Markers for User Forecasting Decision-Marking" in the International Conference on Contemporary Challenges in Science and its Engineering Applications[IC3SEA 2023](IEEE) -*Scopus Indexed*

- **Vinay Pant, Rupak Sharma, Shakti Kundu (Apr** 2023) Paper published on the title "An Overview of Stremming and Lemmatization Techniques" in the International Conference on Networks, Intelligence and Computing(ICONIC)-*Scopus Indexed*

- **Arvind Kumar, Rupak Sharma, Pankaj Saxena, Anand Mohan**(May 2022) Paper published on the title "Artificial Intelligence based humanoid Robot for COVID disinfection" in the AIP Conference Proceedings-*Scopus Indexed*

- **Arvind Kumar, Avikant Pareta, Jitender Meena, Rupak Sharma** (Apr 2022) Paper published on the title "A Long Term Impact of Artificial Intelligence and Robotics on Higher Education" in the International Conference on Advances in Computing, Communication and Applied Informatics 2022(IEEE) -*Scopus Indexed*

- **Rupak Sharma, Rajeev Sharma, B. Prabha (**Jul 2021) Paper published on the title "IOT Monitoring Lathe Machine" in the Elsevier Materials Today Proceedings-*Scopus Indexed*

- **Amit Sharma , Dr. Rupak Sharma (**Jan-Feb 2021) Paper published on the title "Analysis of Hidden Web Crawler" in the International Journal of Scientific Research in Science and Technology(IJSRST), Vol-8, Issue-1 , PP-299-305 , ISSN:2395-6011,2395-602X(*UGC Approved)*

- **Lakshmi Shanker Singh, Dr. Rupak Sharma** (Jan-Feb 2021) Paper published on the title "Study and Analysis of Software Effort Estimation Methods using Water sluice Technique" in the

International Journal of Scientific Research in Science and Technology(IJSRST), Vol-8, Issue-1 , PP-306-314 , ISSN:2395-6011,2395-602X(*UGC Approved)*

- **Gaurav Tyagi, Dr. Rupak Sharma (**JUL 2020) Paper published on the title "Peer to Peer Technology for Mobile AD-HOC Network:An Introductory Aspect" in the International Journal of Analysis and Computation(JAC), Vol-XIV, Issue-VI , PP-1-8 , ISSN:0973-2861(*UGC Approved)*

- **Gaurav Tyagi, Dr. Rupak Sharma (**SEP 2020) Paper published on the title "Safety Threats and its Remedies in Peer to Peer Networks" in the International Journal of Analysis and Computation(JAC), Vol-XIV, Issue-VII , PP-1-7 , ISSN:0973-2861(*UGC Approved)*

- **Amit Sharma , Dr. Rupak Sharma (**May-Jun 2020) Paper published on the title "Simulation based Framework in Hidden Web page Crawler" in the International Journal of Scientific Research in Science and Technology(IJSRST), Vol-7, Issue-3 , PP-465-471 , ISSN:2395-6011,2395-602X(*UGC Approved)*

- **Laxmi Shanker Singh, Dr. Rupak Sharma (**May-Jun 2020) Paper published on the title "Analysis of Software Project Management Estimation Method using Function Point" in the International Journal of Scientific Research in Science and Technology(IJSRST), Vol-7, Issue-3 , PP-472-478 , ISSN:2395-6011,2395-602X(*UGC Approved)*

- **Dr.Rupak Sharma ,Dr.Rajeev Sharma, Amit Sharma** (July 2019) IOT Based Smart Agriculture in Digital India published in Jour of Adv Research in Dynamical & Control Systems, Vol. 11, 05-Special Issue, 2019 ISSN:1943-023X pp.2052-2056**.(SCI index)**

- **Dr.Rajeev Sharma,Dr.Rupak Sharma**(Jan 2019) Different Signal Analysis for a Transit Traffic Signal published in International Journal of Engineering & Science Research ISSN:2277-2685 pp.35-37

- **Dr. Rajeev Sharma & Dr. Rupak Sharma (**AUG 2018) Paper published on the title "Big Data and Hadoop-The Prospect and Relevance" in the Second International Conference on Green Computing & Internet of Thing (ICGCIoT 2018), held at Glabal Academy of Technology, Bengaluru, India during 16-18 August 2018, IEEE *Approved*

- **Dr. Rupak Sharma & Dr. Rajeev Sharma (**DEC 2017) Paper published on the title "Confront and Issues in Cloud Computing Platforms and Applications" in the International Journal of Advance Research in Science and Engineering, Vol-06, Issue-12 , PP-1783-1792 , ISSN:2319-8354.*(details is on www.ijarse.com)UGC Approved*

- **Dr. Rajeev Sharma,Dr. Rupak Sharma & Jai Prakash Bhati** (NOV 22-2017) Paper published on the title "Impact of Cloud Computing Datamining in Digitalization" in the International Journal of Applied Engineering Research, Vol-12, Issue-12 , PP-12716-12720 , ISSN:0973-4562.*(details is on www.ripublication.com)Scopus Journal*

- **Saurav Tiwari,Asheesh Goel & Dr. Rupak Sharma** (OCT-DEC 2014) Paper published on the title "Evoluation of E-Commerce" in the International Journal of Engineering and Management Technology, Vol-2, Issue-4 , PP-1-8 , OCT-DEC 2014.*(details is on www.ijemt.in)*

- **Bharat Kumar Singh ,Dr. Rupak Sharma** (APR-JUN 2014) Paper published on the title "Comparative Study of IPv4 & IPv6" in the International Journal of Engineering and Management Technology, Vol-2, Issue-2 , PP-73-81 , APR-JUN 2014.*(details is on www.ijemt.in)*

- **Saurav Tiwari ,Dr. Rupak Sharma** (APR-JUN 2014) Paper published on the title "Future of Cloud Computing" in the International Journal of Engineering and Management Technology, Vol-2, Issue-2 , PP-26-32 , APR-JUN 2014.*(details is on www.ijemt.in)*

- **Dr. Rupak Sharma, Rajeev Kr. Sharma & Manoj Kumar** (OCT-DEC 2013) Paper published on the title "Prevailing to Forthcoming Orientation in Green Computing" in the International Journal of Engineering and Management Technology, Vol-1, Issue-4 of OCT-DEC 2013.*(details is on* www.ijemt.in *)*

- **Dr. Rupak Sharma, Rajeev Kr. Sharma & Manoj Kumar** (JAN-MAR 2013) Paper published on the title "A Survey Routing Protocols in MANET" in the International Journal Computer Science and Technology, Vol-4, Issue-7 of JAN-MAR2013.*(details is on* www.ijcst.com *)*

- **Rupak Sharma, Sohan Lal** (July 2012) Paper published on the title "A Survey of Routing Security System in Mobile AD-HOC Networks" in the International Journal of Engineering and Science Research Vol-2, Issue-7 of July 2012.*(details is on* www.ijesr.org*)*

- **Rupak Sharma,Rajeev Kr. Sharma & Manoj Kumar** (February 2012) MANET:The essential Technology for Pervasive Computing, Published in International Journal of Research in Information Technology and Management. Volume 2, No-2 pp-1107-1118

- **Manoj Kumar, Rajeev Kr. Sharma & Rupak Sharma** (July 2011) Software Process Essessment and Improvement Model in Software Development Life Cycle, Published in International Journal of Research in Information Technology and Management. Volume 1, No-3 pp-20-27

- **Rajeev Kr. Sharma,Rupak Sharma & Shailendra Raj** (Jul-Dec 2011) The Role of Automatic Dynamic Update to Improve an Operating System Availability, Published in International Journal of Information and Knowledge Management. Volume 4, No-2 pp-355-360

- **Rajeev Kr. Sharma,Rupak Sharma & Shailendra Raj** (Jan-Jun 2011) Confronts and Issues in M-Commerce-A Business on Mobile and Net Approach, Published in International Journal of Information and Knowledge Management. Volume 4, No-1 pp-51-55

- **Rajeev Kr. Sharma,Rupak Sharma & Shailendra Raj** (Jan-Jun 2011) Dynamically Updating the Message Passing in Distributed Systems, Published in International Journal of Computer Science and Communication. Volume 2, No-1 pp-137-142

Awards and Achievements

- Best Faculty Award 2022, 2018 and 2015

- Received Certificate of Appreciation in recognition of contribution as a Faculty Coordinator of the KHEL-2023, as a national level Sports Fest

- Received Certificate of Appreciation in recognition of contribution as a Faculty Coordinator of the KHEL-2019, as a national level Sports Fest

- Received Certificate of Appreciation in recognition of contribution as a Organizing Committee Member of the 21th Annual of Vijnana Parishad of India(26-28 APR 2019), as a national level Conference organizes by SRMIST, NCR Campus, Modinagar

- Received Certificate of Appreciation in recognition of contribution as a Faculty Coordinator of the RUBAROO-2018, as a national level Cultural Fest

- Received Award & Certificate of Excellence 2018 in recognition of contribution and continued dedication to academic performance as well as extra curricular

- Received Certificate of Appreciation in recognition of contribution as a Event Coordinator of the FIESTA-13, as a national level Sports Fest

Workshops/Seminars/FDPs

- Attended Five day (June 20, 2005 to June 25,2005) training programme *"GIS-Remote Sensing on ERDAS- 8.7"* at Project Directorate for Cropping Systems Research, Modipuram, Meerut

- Attended Five day (June 29, 2005 to July 2, 2005) training programme *"GIS-Remote Sensing on ENVI-4.1"* at Project Directorate for Cropping Systems Research, Modipuram, Meerut

- Participated in Faculty Development Programme 2 Day's-(8 & 9th Feb, 2012) Title is **" PARADIGM SHIFT ON PEDAGOGY & EIM"** at SRM University, NCR Campus, Modinagar, Ghaziabad (U.P.)

- Participated in AICTE Recognized Short Term Course(Feb 09, 2015 to Feb 13, 2015)" **Entrepreneurship Development & Industrial Coordination Department"** Organized by National Institute of Technical Teachers Training and Research, Chandigarh (Ministry of Human Resources Development, Govt. of India) at SRM University, NCR Campus, Modinagar, Ghaziabad(U.P.)

- Attended Six day (June 13, 2016 to June 18,2016) training program *"SAKSHAM-IT Champion Training Program(Microsoft)"* at SRM University, NCR Campus, Modinagar

- Attended two week faculty development program on "ERUDITIA-2018" from 12th to 23rd June 2018 in SRM IST,NCR Campus, Modinagar, Ghaziabad.

- Participated in Online Training Programme 2 Day's-(6-7 Mar, 2019) Title is **" Digital Marketing"** Organized by MSME-Technology Development Centre, Meerut

- Participated & successfully completed **AICTE Training And Learning (ATAL) Academy** Online FDP on "Computer Science & Biology " from 2020-10-19 to 2020-10-23 at SRM Institute of Science & Technology, NCR Campus, Modinagar.

- Participated & successfully completed **AICTE Training and Learning (ATAL) Academy** Online FDP on "Internet of Things (IoT)" from 2020-12-7 to 2020-12-11 at SRM Institute of Science & Technology, NCR Campus, Modinagar.

- Participated & successfully completed **AICTE Training and Learning (ATAL) Academy** Online FDP on "Data Sciences" from 2020-12- 15 to 2020-12-19 at NIT Mizoram.

- Participated in Online Faculty Development Programme 5 Day's-(1-5 Jun, 2021) Title is " ML/DL by using Colab and Knime a Road Map" Organized by Department of Computer Science & Engineering, CMR Engineering College, Hyderabad

Work Experience: 20+ Years

Professional Memberships:

- ➤ Member of Computer Society of India(CSI), Membership Number: 1061230005
- ➤ IEEE Membership
- ➤ Member of International Association of Engineers (IAENG), Hong Kong, Membership Number: 131739
- ➤ Member of Computer Science Teachers Association (CSTA), USA, Membership Number: 4016040