

Faculty Profile



Name: Naresh Sharma

Designation: Assistant Professor

E-Mail: nareshs1@gmail.com

Professional Qualification: M. Tech. (CSE), Ph.D. (Pursuing)

Publications (Journals & Conferences):

- ❖ R. P. Mahapatra, **N. Sharma**, A. Trivedi and C. Aman, "Adding interactive interface to E-Government systems using AIML based chatterbots," *2012 CSI Sixth International Conference on Software Engineering (CONSEG)*, Indore, 2012, pp.1-6.doi: 10.1109/CONSEG.2012.6349510
- ❖ **Naresh Sharma**, Aditya Murgai, "PageRank Algorithm Expressed in Terms of Link Distance and a Modified Procedure of PageRank Calculation" 2011 3rd International Conference on Computer Modeling and Simulation (ICCMS 2011), C978-1-4244-9243-5/11/\$26.00 2011 IEEE.
https://www.academia.edu/8735925/PageRank_Algorithm_Expressed_in_Terms_of_Link_Distance_and_a_Modified_Procedure_of_PageRank_Calculation
- ❖ Presented paper on "Increasing Search Engine Efficiency Using Personalization" in the International Conference on Recent Trend in Computing-2012 in India, from October 4-5 2012.
- ❖ **Naresh Sharma**, Amit Mishra and Purvi Garg "DeDuCS : DE-DUPLICATION OF CLOUD" International Journal of Engineering Applied Sciences and Technology, 2016 Vol. 1, Issue 5, ISSN No. 2455-2143, Pages 106-109 Published Online March – April 2016 in IJEAST (<http://www.ijeast.com>)
- ❖ **Naresh Sharma**, Moolchand Sharma, Om Jee Gupta "Search Engine Personalization Using Concept Based User Profiles" International Journal of Scientific Research Engineering & Technology (IJSRET) Volume 1 Issue 4 pp 084-087 July 2012 www.ijret.org ISSN 2278 - 0882
- ❖ **Naresh Sharma**, Pourush, Manish Bhardwaj "Enhanced Privacy-Preserving Multi-Keyword Ranked Search over Encrypted Cloud Data" American Journal of Networks and Communications 2015; 4(3): 25-31 Published online April 13, 2015

(<http://www.sciencepublishinggroup.com/j/ajnc>) doi: 10.11648/j.ajnc.20150403.11 ISSN: 2326-893X (Print); ISSN: 2326-8964 (Online)

- ❖ Gaurav, **Naresh Sharma**, Himanshu Tyagi “An Approach: False Node Detection Algorithm in Cluster Based MANET” in International Conference on Advance Developments in Engineering and Technology held on Feb., 15th & 16th 2014 at LKCE, Ghaziabad <https://mafiadoc.com/international-journal-of-advanced-research-in-computer-science-and-59defab01723dd48f4b16de7.html>
- ❖ **Naresh Sharma**, “GSA-BBO Hybridization Algorithm” in 4th International Conference on Recent Innovations in Science, Engineering and Management held on 20th March 2016 at India International Centre, New Delhi, ISBN: 978-81-932074-6-8 <http://data.conferenceworld.in/ICRISEM4/P593-604.pdf>
- ❖ Manish Bhardwaj, **Naresh Sharma**, Ruchika Saini, “Performance Analysis of Dynamic Source Routing for Ad-hoc Networks Using Active Packets”, The Fourth International conference on Networks & Communications with Springer, Vol. 131, pp. 221-230, 2013. https://link.springer.com/chapter/10.1007/978-1-4614-6154-8_22
- ❖ Manish Bhardwaj, **Naresh Sharma**, Monika Johri, “Overhead Analysis of AODV, TORA and AOMDV in MANET Using Various Energy Models” The Fourth International Conference on Wireless & Mobile Networks with Springer, vol. 131, pp. 231-240, 2013. Citation count: 16. https://link.springer.com/chapter/10.1007/978-1-4614-6154-8_23
- ❖ **Naresh Sharma**, Priti Dimri “DeDuSERP: De-duplication in search engine result page” in International Journal of Engineering & Technology, 7 (2.8) (2018) 427-431, **Scopus Journal** on 19.03.18. DOI: <https://doi.org/10.14419/ijet.v7i2.8.10475>
- ❖ Abhilasha Tyagi, **Naresh Sharma** “Sentiments Analysis of Twitter Data using K-Nearest Neighbour Classifier” in International Journal of Engineering Science and Computing, April 2018, Volume 8 Issue No.4.
- ❖ Abhilasha Tyagi, **Naresh Sharma** “Sentiment Analysis using Logistic Regression and Effective Word Score Heuristic” in International Journal of Engineering & Technology, **Scopus Journal**.
- ❖ Sharma R., Mahapatra R. P., **Sharma N.** (2020) The Internet of Things and Its Applications in Cyber Security. In: Balas V., Solanki V., Kumar R., Ahad M. (eds) A Handbook of Internet of Things in Biomedical and Cyber Physical System. Intelligent Systems Reference Library, vol 165. Springer, Cham. https://doi.org/10.1007/978-3-030-23983-1_4
- ❖ **Sharma, Naresh** & Sharma, Rohit. (2022). Real-time monitoring of physicochemical parameters in water using big data and smart IoT sensors. Environment, Development and Sustainability. 1-48. 10.1007/s10668-022-02142-8.(SCI)

National

- ❖ **Naresh Sharma**, “Improvement in Gravitational Search Algorithm Using Biogeography Based Optimization” in National Conference on Electrical, Electronics, Computer, Civil and Mechanical Engineering organized by NIER at New Delhi, 03rd April 2016, NCEECCME-16/ND/03-04-16.

- ❖ S. Jain, Y. Mehandiratta, G. Bindra, **Naresh Sharma**, “E-Governance for Rural Development through Grid Computing”, in National Conference on e-Governance for Rural Development organized by department of Computer Science and Engineering, SRM University NCR Campus, Modinagar, Ghaziabad 2009.
- ❖ Garima Goel, **Naresh Sharma**, “Study and Simulation of AD-Hoc Multicasting Protocols – ODMRP and AMRIS”, in National Conference on e-Governance for Rural Development organized by department of Computer Science and Engineering, SRM University NCR Campus, Modinagar, Ghaziabad, 2009.
- ❖ B. Mangal, P. Kamboj, **Naresh Sharma**, “On Demand Data Ware Housing: User End Business Modeling”, in National Conference on e-Governance for Rural Development organized by department of Computer Science and Engineering, SRM University NCR Campus, Modinagar, Ghaziabad 2009.
- ❖ **Naresh Sharma**, “Intelligent IoT devices for interfacing the human behavior and environmental issues in Smart city using Machine Learning”, in DPRC-2022 on 24.03.22 to 26.03.22, organized by SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, Kattankulathur-603203, Tamil Nadu, INDIA.

Patents

- ❖ Rajeev Sharma, Vivek Kumar Srivastav, Mr. Utpal Pandey, **Naresh Sharma**, Satish Khatak, Dr. Sandeep Kumar, Mr. Krishna Pandey, Dr. Vikas Kumar, Vidyarthi, Anshuman Prakash, Dr. Rohit Sharma, “**WEARABLE CHILD MONITORING DEVICE WITH INBUILT HEART RATE MEASUREMENT TO PROTECT FALLING INTO ABANDONED DEEP BORE WELL**”, Application No. **202041033007 A**, The Patent Office Journal No. 34/2020, Dated 21/08/2020.
- ❖ Dr. R. Narasimhan, Dr. K. R. Vijaya Kumar, Dr. K. Arumugam, Dr. Sushil Kumar Upadhyay, Dr. Raj Singh, Dr. Dheer Pal Singh, Dr. Kavita Rani, Arti Sharma, Manish Bharadwaj, Saurabh, Palarapu Anil Kumar, Dr. Ram Subbiah, Mohit Goyal, **Naresh Sharma**, Chhaya Sharma, “**INTERNET OF THINGS (IOT) BASED SMART STAND FOR UTENSILS**”, Application No. **202111035881 A**, The Patent Office Journal No. 36/2021, Dated 03/09/2021.
- ❖ Ms. Urvashi Gupta, **Mr. Naresh Sharma**, Dr. Rohit Sharma, Dr. Devendra Kumar Sharma, “**SMART EYE GLASSES FOR MONITORING FOOD CONSUMPTION**”, Application No. **202211039376 A**, The Patent Office Journal No. 28/2022, Dated 15/07/2022.

Awards and Achievements

- Appreciation Award 2021, from the Chief Guest, **Hon'ble Cabinet Minister of Legislative, Justice, Govt of UP, Shri. Brajesh Pathak Ji**, for Placing Students of SRM IST, Delhi NCR Campus, Ghaziabad.

- Appreciation Award for contributing as Session Chair in ICRTC-2020, organized by Department of Computer Science and Engineering, SRM-IST, Delhi NCR Campus Ghaziabad.

Workshops/Seminars/FDPs

- Completed One Week Faculty Development Program on Advance Security Analytics and Machine Learning, from 18.04.22 to 23.04.22 at SRM-IST, Delhi-NCR Campus, Ghaziabad.
- Organized SMART INDIA HACKATHON 2022 ON 23/03/22 to 24/04/22 at SRM INSTITUTE OF SCIENCE AND TECHNOLOGY.
- Exceptionally Contributed as Primary Evaluator in **“Toycathon, 2021”**, initiated by **Ministry of Education Innovation Cell In collaboration (Govt. of INDIA) with AICTE.**
- Completed the Faculty Development Program on Data Analysis Using Excel from 20th July to 24th July, 2021 (1 week) by **E & ICT Academy, IIT Kanpur**
- Participated & completed successfully **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 AND TECHNOLOGY.
- Participated & completed successfully **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 AND TECHNOLOGY.
- Participated in 5 days of workshop on Machine Learning with Python – A Practical Introduction organized by department of CSE, **SRM-IST, KTR Campus in association with IET** from 8th to 12th Feb 2021.
- Attended India's First Leadership Talk Series Session with Mr Mahesh Babu CEO Mahindra Electric Mobility Ltd. by **MHRD's Innovation Cell**
- Participated in Five Days Faculty Development Programme on Arduino from 12.06.2020 to 17.06.2020 organized by Department of Information Technology, Manakula Vinayagar Institute of Technology, Puducherry in association with Spoken Tutorial, **IIT Bombay.**
- Attended One Week Online FDP on “Machine Learning Algorithms, Applications and Advantages” from 25th May to 30th May 2020, organized by KAMALA INSTITUTE OF TECHNOLOGY AND SCIENCE, SINGAPUR, in association with CSI, Hyderabad Chapter.
- Participated in **ERUDITIA 2018** A Multi-Disciplinary FDP Series from 12th to 23rd June 2018.
- Participated in “5-day online FDP on Universal Human Values for DEEKSHARAMBH (Student Induction Program)” organized by **NIT Patna** during 23rd - 27th November 2020.
- Coordinated seven day “FDP on Software Testing” organized by **CSE Department and NIIT Ltd at SRM University, Delhi-NCR Campus, Ghaziabad (UP)** from December 28, 2015 to January 04, 2016.
- Attended three days Innovation and Entrepreneurship Centre (IEDC) FDP on “Entrepreneurship Development” conducted by IEDC in association with Consultancy

Services Cell, SBI at SRM University, Delhi-NCR Campus, Ghaziabad (UP) from November 3-5, 2015.

- Participated in AICTE recognized One week “**Short Term Course on E-governance, Entrepreneurship and Green IT in Technical Institutions through ICT**” conducted by Entrepreneurship Development and Industrial Coordination Department from 09.02.2015 to 13.02.2015 at SRM University, Delhi-NCR Campus, Ghaziabad (UP), certified by **National Institute of Technical Teachers Training and Research Chandigarh, MINISTRY OF HUMAN RESOURCES DEVELOPMENT, GOVERNMENT OF INDIA.**
- Organized Two Days Hands-on Workshop on “Advanced .NET Technologies”, conducted by Department of Computer Science and Engineering, SRM University, NCR Campus, during June 26 - 27, 2013.
- Participated in “**Workshop on IBM Bluemix**”, conducted by IBM Cloud Academy and CSI Ghaziabad Chapter at SRM University, Modinagar on 17th July 2015. (One Day)

Work Experience: 18+ Years

Professional Memberships:

- ❖ Associate Member of **IE** (Institution of Engineers (INDIA))
Membership No: **AM1631457**
- ❖ Life Member of **ISTE** (The Indian Society for Technical Education)
Membership No.: **LM96382**