

FACULTY PROFILE



Name: Ms. Neha Ahlawat

Designation: Assistant Professor

E_Mail: nehaahli@srmist.edu.in

Professional Qualification:

- Pursuing PhD in SRM IST NCR campus.
- M. Tech. in (COMPUTER SCIENCE) (2010-2012), MTU.
- B. Tech. in (INFORMATION TECHNOLOGY) (2006-2010), UPTU.

Publications (Journals & Conferences):

- Neha Ahlawat and D. Franklin Vinod “mCD and Clipped RBM based DBN for Optimal Classification of Breast Cancer” Third Congress on Intelligent Systems. CIS 2022. Lecture Notes in Networks and Systems, vol 613, May 2023, Springer.
- Neha Ahlawat and D. Franklin Vinod “Clipped RBM and DBN Based mechanism for Optimal Classification of Brain Cancer” ICT with Intelligent Applications. Smart Innovation, Systems and Technologies, vol.311, Oct 2022, Springer.
- Neha Ahlawat, “Exploring Fusion Techniques for Satellite Image”, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8, Issue-6S4, April 2019.
- Ronak Laddha, Shobhit Raj, Neha Ahlawat, Franklin Vinod, “Fwhm & HFR based auto focuser module for telescopes”, International Journal of Scientific Research in Engineering and Management (IJSREM) ISSN: 2582-3930, Volume: 05 Issue: 05, May– 2021.

Patent:

- Franklin Vinod, Dr. V. Muneeswaran, Ms. Neha Ahlawat and R.P. Mahapatra, IOT BASED HOME ANTIHEIST SYSTEM, Published in Indian Patent on 13/11/20.

Awards and Achievements

- Certification Programme from NPTEL in Cloud computing in the year 2019.
- Certification Programme in Software Testing in 2020.
- Certification Programme in Python in 2020.

Workshops/Seminars/FDPs

- Participated in a Faculty Development Program on Image Processing organized by SRMIST NCR Campus from 12-12-2018 to 15-12-2018.
- Participated in Faculty Development Program on Recent Technologies & Trends in Computer science & IT, organized by Oriental Institute of Science & Technology from 04-07-2020 to 05-07-2020.
- Participated in Faculty Development Program on Recent Technologies in cloud computing and IOT, organized by SRMIST from 08-07-2020 to 11-07-2020.
- Participated in Faculty Development Program on Deep Learning, organized by SRMIST from 24-07-2020 to 25-07-2020.
- Participated in Five-days Faculty Development Program on Computer Science & Biology, organized by ATAL from 19-10-2020 to 23-10-2020.
- Participated in the National Level Technical Seminar on Research Methodology held at SRM IST, NCR Campus, Conducted by the Department of Computer Science & Engineering.
- Participated in Faculty Development Program on Cyber Security organized by ATAL from 25-10-2021 to 29-10-2021.
- Participated in a two-day National Virtual Workshop on “Big Data Analytics in cloud computing using Python Programming” organized by the Department of Computer and Information Science, Annamalai University from 9-07-2021 to 10-07-2021.
- Participated in Six-days Faculty Development Program on Research Applications in Artificial Intelligence and Machine Learning organized by SRM Institute of Science and Technology, Kattankulathur, from August 9 - 14th, 2021.
- Participated in a two-day Faculty Development Programme on “Machine Learning for Multidisciplinary Fields” organized by the Department of Information and Technology, Oriental Institute of Science and Technology (OIST) Bhopal from Oct 27th to Oct 31st, 2022.
- Participated in a five-day Faculty Development Programme on Cyber Physical Systems and Industrial IoT, organized by ATAL from Jan- 17 to Jan -21 st ,2022.
- Participated in a one -week Faculty Development Programme on Emerging trends and applications of Machine Learning based Artificial Intelligence from 20-02-2023 to 25-02-2023.
- Participated in a Faculty Development Programme on Open-source tools for research organized by the NITTTR Chandigarh from May 15 to May 19,2023.

Work Experience:

- SRMIST NCR CAMPUS, working as Assistant Professor from August 2018 to Till Now.
- NIET Engineering College, worked as Assistant Professor from November 2015 to May 2018.
- SIET Group of Education and Technology worked as Assistant Professor from September 2013 to August 2015.

Professional Memberships:

- Annual Member of IEEE from 2019.
- Lifetime Member of International Association of Engineers (IAENG) from 2023.