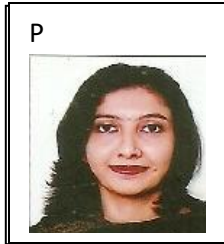


FACULTY PROFILE



Name: Dr. Reena Grover

Designation: Assistant Professor

E-Mail: reenagrr@srmist.edu.in

Professional Qualification: M.Sc. (Mathematics), Ph.D.

Publications (Journals & Conferences):

- **IEEE 3rd INTERNATIONAL CONFERENCE ON ADVANCE COMPUTING AND INNOVATIVE TECHNOLOGIES IN ENGINEERING ICACITE 2023 “Mathematical Analysis of Deterministic and Stochastic Problems in Federated Learning”**
<https://ieeexplore.ieee.org/document/10183114>
- R Boadh , R Grover, M Dahiya ‘**Study of fuzzy expert system for the diagnosis of various types of cancer**’ **Materials Today: Proceedings** <https://doi.org/10.1016/j.matpr.2022.01.161>
- **Published patent and in The Intellectual property India, on the topic “A NEONATAL FITNESS PATCH”, dated 13/05/2022.**
- **Published patent and granted in The Patent office Journal No. 04/2022, on the topic “3D Spilt Key Board For PC”, dated 28/01/2022.**
- **Published patent and granted in The Patent office Journal No. 28/2021, on the topic “Digital Microscopic USB Connector”, dated 09/07/2021.**
- **Journal of Xi’an Shiyu University, Natural Science Edition, VOLUME 16, ISSUE9, ISSN:1673-064X, pp 229-234, 19 September 2020. Topic- MICROBLOGGING AS A CORPUS FOR SENTIMENT ANALYSIS STRUCTURE AND FEELING MINING.**
 - Grover R., Chaudhary H., Sharma G. (2021) Geo/G/1 System: Queues with Late and Early Arrivals. 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_70
 - M. G. Vashisht and R. Grover, "Employability Profiling of Engineering Students Using

Clustering," 2019 5th **IEEE** International Conference on Signal Processing, Computing and Control (ISPCC), Solan, India, **2019**, pp. 191-195. **Electronic ISSN: 2643-8615 ISSN: 2376-5461**

- International journal of Mathematics Trends and Technology IJMTT of Seventh sense Research Group, ISSN:2231-5373 Volume 51 issue 6 December **2017**.Topic:" Availability Measures of two-unit parallel redundant system with replacement".
- International journal of computer and mathematical sciences IJCMS, ISSN 2347- 8527, Volume 5, Issue 1, **January 2016**.Topic" Review of Reliability Theory, Analytical Techniques, and Basic Statistics".
- International Research journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, p-ISSN:2395-0072, **March 2016**, Impact FactorValue:4.45. Topic "Transient analysis of reliability with and without repair for K-out of -N: G systems with three failure modes".



Awards and Achievements

- **Best Educator Award from EDVISHAN (MSME, GOVT OF INDIA & ISO CERTIFIED) EDU-ACHIEVEMENT AWARD 2023** was conducted on 26-2-2023 in Noida.
- **Best Faculty of the Year Award in "International Education Conference 2022"**, organized by Kiteskraft **Productions** along with **MENTORx Global on 30th December 2022**, at Hyatt Regency, Manesar, Gurgaon, Delhi NCR.
- Appreciation Certificate for chairing in **International Conference on Artificial Intelligence & Energy systems** organized by Institute of Technical and Scientific Research during **12-13 June 2021**.
- **Certificate of Appreciation** for being Speaker in **INTERNATIONAL CONFERENCE ON INNOVATIVE EDUCATION** held at Amb.Madanjeet Singh Hall, National College, **Kathmandu on March 2-3, 2020**.
- **Certificate of Appreciation** as a **Co-coordinator** in the cultural event **RUBAROO2019** conducted in **SRM Institute of Science & Technology**,NCR Campus, Ghaziabad.
- **Editor** of souvenir and organizing committee member of **21st Annual Conference of vijnanan Parishad of India on "Modeling, Optimization, and computing for Technological and sustainable development (MOCTSD-19)"** on **26th-28th April 2019** organized by the Department of Mathematics at **SRMIST**, [NCR Campus Ghaziabad](#).
- Resource person in the national seminar on **Women Wellness: Opportunities and Challenges** in collaboration with **NATIONAL Commission For Women, New DELHI, India** organized by the *Institute of Legal Studies, CCSU CAMPUS, Meerut* on Saturday **7th April,2018**.

- Appreciation Certificate for chairing in **International Conference on Globalization & Well-Being** held at Chaudhary Charan Singh University, Meerut from 14th to 16th April 2017.
- Faculty coordinator in **AAGHAZ 2016** organized by SRM University Delhi NCR Campus.
- Certificate for Good and motivational teaching given by **FLIPPIN' BRILLIANCE**.
- Appreciation Certificate as school coordinator in the **international mathematics Olympiad** conducted by **Science Olympiad Foundation**.

Workshops/Seminars/FDPs

- Professional Development Workshop on Digital Creativity Skills as a part of **Adobe Academic Essentials program organized by AICTE**.
- **One Week** Faculty Development Programme on Emerging Trend and Applications of Machine Learning based Artificial Intelligence organized by Department of Mathematics, SRMIST, Delhi NCR Campus, Ghaziabad, 20-2-2023 to 25-2-2023.
- Certificate of Appreciation in **2nd National Level Workshop on CURRICULUM FRAMEWORK 2023** held on 17th & 18th March, 2023 through Online, conducted by Institute for Academic Excellence (IAE), Hyderabad in collaboration with Collegiate Education & Technical Education Department, Govt. of Telangana.
- **One Week** Faculty Development Programme on Role of Optimization in Computational Mathematics, Supply Chain Management and Engineering organized by Department of Mathematics, SRMIST, Delhi NCR Campus, Ghaziabad, 23-5-2022 to 28-5-2022.
- **One Week** Faculty Development Programme on Advanced Security Analytics and Machine Learning from 18-4-2022 to 23-4-2022 organized by Department of Computer Science and Engineering, SRMIST, Delhi NCR Campus, Ghaziabad.
- AICTE Training And Learning (ATAL) Academy Online Elementary FDP on " Cyber Physical Systems and Industrial IoT" from **17/01/2022 to 21/01/2022** at SRM INSTITUTE OF MANAGEMENT TECHNOLOGY
- **2nd International** Workshop on Numerical and Analytical Techniques in Engineering Problems (**IWNATEP-2022**), organized by Department of Mathematics, SRMIST, KTR Campus, Tamil Nadu, **19-21 Jan' 2022**.
- **Two days** Workshop on "**Research Paper Writing and Journal Selection**" organized by Faculty of Commerce and Management, SGT University, Gurugram from **27th to 28th August 2021**.
- **Two-week** Faculty Development Programme on Mathematics and its Applications in Science and Technology organized by the Department of Mathematics, School of Basic

Sciences, College of Engineering and Technology, SRM Institute of Science and Technology, Kattankulthar, from **6th to 16th July 2020**.

- **International E- conference on” Recent Trends in Advancement of Mathematical and Physical Sciences”** organized by Dev Nagri College Meerut, CCS University Meerut on **May 22-23, 2020**.
- **Two-week** Short-Term Course on **RESEARCH METHODOLOGY** Conducted by Education and Educational Department from **17.06.2019 to 28.06.2019** (**Two Weeks**) at the National Institute of Technical Teachers Training and Research (**N.I.T.T.T.R.**) **Chandigarh**.
- **21st Annual conference of vijnanan Parishad of India on “Modeling, Optimization, and computing for Technological and sustainable development (MOCTSD-19)”** on **26th-28th April 2019** organized by Department of Mathematics at **SRMIST, NCR Campus Ghaziabad**.
- **5TH** International conference on **Recent Trends in Computing (ICRTC-18)** organized by Department of Computer science & Engineering on **27th & 28th December 2018** at **SRMIST NCR Campus, Ghaziabad**.
- Short Term Course on **Preparing students for job Interview** Conducted by Education and Educational Department from **6.08.2018 to 10.08.2018**(One Week) at National Institute of Technical Teachers Training And Research (**N.I.T.T.T.R.**) **Chandigarh**.
- **Two-week** multi-disciplinary Faculty Development Programme **ERUDITA ‘18** **SRMIST, NCR Campus** during **12th to 23rd June 2018**.
- International conference on Machine Learning and Data Science (ICMLDS2017) organized by **IEEE computer society** during **14th -15th December 2017** at **BENNETT UNIVERSITY, INDIA**.
- Short Term Course on **Mathematical Programming Problems** Conducted by Applied sciences Department from **6.11.2017 to 10.11.2017**(One Week) at National Institute of Technical Teachers Training And Research (**N.I.T.T.T.R.**) **Chandigarh**.
- Workshop on **VEDIC MATHS** a great success organized by **SRM University Delhi –NCR Campus, Ghaziabad** on **27th January 2017**.
- **One week** Faculty Development Programme on Contemporary Trends in Research and Teaching Methodologies for Professional Development, **SRM University, NCR Campus** during **4th to 10th July 2016**.
- **3rd** International conference on Emerging Trends of Engineering, Science, Management and its Applications (ICETEMSA-16) organized by Academic Science and Conference info on **10 January 2016** at India **International center, New Delhi**.

- International conference on Algebra, Geometry, Analysis and their Applications (ICAGAA-14) organized by Department of Mathematics, **Jamia Milia Islamia, New Delhi-110 025**, India during 27-29 November 2014.
- National conference on Governance for Sustainable development and Inclusive Growth: Myths & Realities organized by **IPEC Ghaziabad** on 14-15 February 2014.
- Two days' Workshop on Leadership Skills organized by Ratna Sagar Pvt.Ltd. at **Dayawati Modi Academy -1 Modi Puram Meerut** on 9-10 August 2008.
- Mission Edutainment workshop for teachers held in **Guru Tegh Bahadur Public School, Meerut** on 22 Nov.2006.
- Inservice Teacher Orientation Programme organized by **C.B.S.E.at Godwin Public School Meerut** on 8-9 September 2006.

Work Experience: 10YEARS

Professional Memberships:

- Life membership of ITSE (Indian Society for Technical Education) Membership Id: LM137337
- Life membership of (INTERNATIONAL ASSOCIATION OF ENGINEERS) Membership Id:214065
- Life membership of Indian Science Congress India, L31680.
- Member of World Academy of Science Engineering & Technology (WASET), USA.