



Name: Ms. Rajvinder Kaur

Designation: Assistant Professor (Mathematics)

Email: rajvinderk.modicollege@gmail.com

Contact Number: +91- 7814968149

Educational Qualifications

M.Sc. Mathematics (2007, Kurukshetra University, Kurukshetra)

M.Phil. (2009, MMU Mullana)

NET/JRF (2010)

Title of M.phil Dissertation: Queues and its Applications

Ph.D.-Pursuing

Professional Qualifications:

Department of Mathematics, M.M.Modi College, Patiala (From 27-07-2011 till date)

Department of Mathematics, R.K.S.D. College, Kaithal (From 14-07-2008 to 9-12-2010)

Teaching Interest:

- Abstract Algebra
- Field Theory
- Mechanics
- Algebraic Coding Theory

Publications:

1. Ms. Rajvinder Kaur, Study of Serial Queuing Processes with Phase Type service and reneging, International Journal of Computer Science and Technology. Vol-7, Issue-1, Jan 2016, 0976-8491(online), 2229-4333(print)

https://www.researchgate.net/publication/305745981_Study_of_Serial_Queueing_Processes_With_Phase_Type_Service_and_Reneging

2. Steady State Solution of Serial Queuing Process with Reneging and Feedback, Mathematical Sciences International Research Journal. Vol-5, Issue-1 (2016), 2278-8697

<https://drive.google.com/file/d/1yPiipQyDJ-vu3IKP6VBjahTx2-kgg74w/view?usp=sharing>

3. Study of Serial and Non Serial Queuing Processes with Reneging, Balking and Feedback Phenomenon, Jai Maa Saraswati Gyandayini(e-journal). Vol-1, Issue-4, April 2016, 2454-8367

<https://drive.google.com/file/d/1DmTzknUtWc6cRi0ZnDSkn-tC31cOzuJL/view?usp=sharing>

4. ICT in mathematics education: A Case study of undergraduate Students at Patiala City, Punjab. *SJIS-P*. 35, 1 (May 2023), 1413–1419.

<http://sjis.scandinavian-iris.org/index.php/sjis/article/view/536>

Conference / Seminars (Attended and Participated):

1. Attended the international conference on Advances in Mathematical sciences held during March 19-21 ,2015 at GSSDGS Khalsa College ,Patiala,Punjab.

2. Presented a paper on topic A Review Of Latest trends In Higher Education In national seminar on Higher Education for Development & Role Of Teachers organized by Bhartiya Shikshan Mandal in Collabration with Gssdgs Khalsa college ,Patiala on July 16, 2017.

3. Participated through online platform in “National capability Enhancement conference: Education for Meaningful life part-3”by PCMA held on July 02,2020.

4. Attended and participated in one day national webinar on the theme “Hindi Di Chadar:Sri Guru Teg Bahadur” by Punjabi University Patiala held on August 26,2020.

Workshops and training courses

1. Participated in Faculty Development Programme organized by M. M. Modi College, Patiala from 1st July to 15th July 2014.

2. Participated in Training of Trainers on Life Skills Organized by Rajiv Gandhi National Institute of Youth Development, Regional Centre from 06-12 July 2015 at M. M. Modi College, Patiala.

3. Attended UGC sponsored Seven day faculty Development Programme on the theme Academic Writing from Critical Appreciation to publication organized by IQAC at M.M.Modi college ,Patiala from January 09-16 ,2017

4. Attended FDP on Contemporary Issues In Higher Education organized by IQAC at M. M. sModi college, Patiala from 20th to 26th July 2018.

5. Attended FDP on Emerging Issues And Challenges in Higher Education organized by IQAC at M.M.Modi college, Patiala from 17th to 22nd July 2019.

6. Attended the workshop on MATLAB and DIFFERENTIAL EQUATIONS sponsored by Thapar Mathematical Society held on 15th Feb. 2020.

7. Attended 5 day faculty development program on E-content Development from 1st June 2020 to 5th June 2020 by international institute of organized Research.
8. Participated in Faculty development program from 15-06-2020 to 21-06-2020 on ' R' organized by Chouskey Engineering College with course material provided by Spoken tutorial project ,IIT Bombay.
9. Completed a 4 week induction/Orientation Programme for "Faculty in Universities /Colleges/institutes of Higher Education"from June 26- July 24, 2020 by Teaching Learning Centre, Ramanujan College University of Delhi.
10. Participated in Six weeks Course on Introduction to Sage Math conducted online under the aegis of TEQIP-III in Collaboration with MTTS Trust during May 20 to June 29,2020.
11. Attended and participated in the seven days virtual national level Capacity Building Programme on "Integration of Pedagogy &Technology in Teaching –Learning" from July 13-19 ,2021 organized by IQAC Multani Mal Modi College,Patiala
12. Attended and participated in Faculty Development Programme on "Research Methodology" from January 12-19 ,2022 organized by IQAC Multani Mal Modi College,Patiala
13. Participated in Faculty Induction Programme from 14-02-2022 to 17-03-2022 organiged by UGC-HRDC Punjabi University, Patiala.
14. Completed two week interdisciplinary Refresher Course in "Advanced Research Methodology" from 21 November 2023 to 05 December 2023 by Teaching Learning Centre, Ramanujan College University of Delhi .
15. Completed the NEP 2020 Orientation and Sensitization Programme under Malaviya Mission Teacher Training Programme of UGC organized by Punjabi university Patiala from 16-01-2024 to 25-01-2024.