

**Name:** Ms. Rajvinder Kaur

**Designation:** Assistant Professor (Mathematics)

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### **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

### **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](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>

### **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.

### **Workshops and training courses**

1. Participated in Faculty Development Programme organised by M. M. Modi College, Patiala from 1<sup>st</sup> July to 15<sup>th</sup> 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.Modi college, Patiala from 20<sup>th</sup> to 26<sup>th</sup> July 2018.

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

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