

## List of Applications Received - Mathematical Sciences – 2018-19

Sr. No	Name & Address of the Applicants	Title of Proposal / File No.
1	<b>Dr. Anuraj Singh</b> ABV-Indian Institute of Information Technology and Management Gwalior, Morena Link Road ,Gwalior, Madhya Pradesh, Madhya Pradesh (474015)	Dynamics of Complex Systems From Chaos to Order and Back <b>(DST/SJF/MS/2019/1)</b>
2	<b>Dr. Preeti Dubey</b> Govt. College for Women Parade Jammu & Kashmir Jammu And Kashmir (180001)	Development of text to speech system for dogri <b>(DST/SJF/MS/2019/2)</b>
3	<b>Dr. Apoorva Khare</b> Indian Institute of Science CV Raman Rd, Devasandra Layout, Bengaluru, Karnataka 560012 Karnataka (560012)	Transformations preserving positivity in analysis, and connections to algebra and combinatorics <b>(DST/SJF/MS/2019/3)</b>
4	<b>Dr. Asir T</b> Madurai Kamaraj University, Madurai Palkalai Nagar Tamilnadu (625021)	Graphs that are closely interlinked with commutative rings <b>(DST/SJF/MS/2019/4)</b>
5	<b>Dr. Dibakar Ghosh</b> Indian Statistical Institute 203 Barrackpore Trunk Road Kolkata West Bengal (700108)	Extreme events in dynamical systems origin and predictability <b>(DST/SJF/MS/2019/5)</b>
6	<b>Dr. Arvind Ayer</b> Institute of Science CV Raman Rd, Devasandra Layout, Bengaluru, Karnataka (560012)	Universality in Multispecies exclusion processes <b>(DST/SJF/MS/2019/6)</b>
7	<b>Dr. Jagathnath Krishna K M</b> Regional Cancer Centre, Medical College Campus, Medical College P O, Thiruvananthapuram Kerala (695011)	Joint Modeling of Longitudinal Time-to-Event Data in Cancer Survival <b>(DST/SJF/MS/2019/7)</b>
8	<b>Dr. Gayathri K</b> Amrita Vishwa Vidyapeetham Amrita School of Engineering Ettimadai Campus Coimbatore Tamilnadu (641112)	Mathematical Investigation on the Impact of High Intensity Mgnetic Field on Human Coronary Hemodynamics <b>(DST/SJF/MS/2019/8)</b>
9	<b>Dr. Bijaya Laxmi</b> Sambalpur University Department of Biotechnology and Bioinformatics, Jyoti Vihar, Sambalpur, Odisha Burla Orissa (768019)	Spectral Projection methods for Non linear Integral Equations of the First kind <b>(DST/SJF/MS/2019/9)</b>
10	<b>Prof. Sourav Chakraborty</b> Indian Statistical Institute 203 Barrackpore Trunk Road Kolkata West Bengal (700108)	Testing Correctness of Probabilistic Programs <b>(DST/SJF/MS/2019/10)</b>
11	<b>Dr. Mahender Singh</b> Indian Institute of Science Education and Research Mohali Knowledge City, Sector 81 SAS Nagar, PO Manauli Punjab(140306)	Knots, Groups and Actions <b>(DST/SJF/MS/2019/11)</b>
12	<b>Dr. Jitender Singh</b> Guru Nanak Dev University, GT road, Amritsar Punjab (143005)	Patterns in Modulated Inclined Layer Convection <b>(DST/SJF/MS/2019/12)</b>
13	<b>Dr. Sabyasachi Mondal</b> Amity University, kolkata Major Arterial Road, Action Area II, Rajarhat, New Town, Kolkata, West Bengal(700135)	Mathematical modeling and analyses of entropy generation in double-diffusive convection in cavity flows with different types of spectral methods. <b>(DST/SJF/MS/2019/13)</b>
14	<b>Dr. Anup Biswas</b> Indian institute of Science Education and Research Pune Dr. Homi Bhabha Road Pune Maharashtra (411008)	Analysis of Nonlinear Nonlocal Partial Differential Equations: A Probabilistic Viewpoint <b>(DST/SJF/MS/2019/14)</b>