

SHASTRI RESEARCH STUDENT FELLOWSHIP (SRSF)

a. SRSF: Post Doctoral

Sr.No.	Name of the Applicant and Institution	Topic of Project	Title of PhD	Discipline	Proposed Institution/University for Affiliation
1	Archana Koul Post-Doc Fellow University of Jammu	Regulation of Carotenoid Biosynthesis And Accumulation During Color Development In Tomato	Regulatory Cross-Talk Between Anthocyanin And Carotenoid Biosynthetic Pathway In Capsicum Annuum	Biotechnology	Gopinadhan Paliyath University of Guelph
2	Karabi Pathak Senior Research Fellow Assam University	Assessing Grass Species For Phytolith Occluded Carbon Sequestration	Assessing Grass Species For Phytolith Occluded Carbon Sequestration	Environmental Studies and Forestry	Marney Isaac University of Toronto
3	Nitin Sharma Postdoctoral Research Associate Indian Institute of Technology Kanpur	Improvement in Failure Resistance Of Linepipe Steels By Optimizing Texture And Grain Boundary Character Distribution (GBCD)	Microstructural And Tribological Characterization Of Stainless Steel 316L Obtained By Modulated Machining	Metallurgical & Materials Engineering	Jerzy A. Szpunar University of Saskatchewan
4	Vishal Mutreja National Post-Doc Fellow (SERB) Panjab University	Development of Fluorescent Carbon Nanostructures for the Detection of Reactive Nitrogen Species (RNS).	Development of Nanocomposites: A New Approach to Detect Nitric Oxide by Florescent Nanoprobes	Chemistry	Jeongwon Park University of Ottawa
Waitlist					
W1	Asim Rizvi Research Associate (Post Doc) Aligarh Muslim University	Characterization of Pro-Cancerous Roles Of Poly(ADP-Ribose) Polymerase-1 In Solar Ultraviolet Radiation-Induced Skin Cancers In Mice	Investigating the prodifferentiating effects of Vitamin D on Ovarian Cancer Stem Cells	Biomedical Sciences	Girish Shah Laval University

b. SRSF Doctoral

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1	Neha Manav Indian Institute of Technology Gandhinagar	Porphyrin-Lipid Conjugates: An Approach Towards Developing Cancer Theranostics	Porphyrin-Lipid Conjugates: An Approach Towards Developing Cancer Theranostic Agents	Chemistry	Gang Zheng University of Toronto
2	Shilpa Srimani Jadavpur University	Organo-Sedimentological Clues In Palaeoclimatic Studies Of Campanian-Maastrichtian Sediments: Ariyalur-Cauvery Basin, South India	Biosedimentology Of The Ariyalur Group, Cauvery Basin, India And Its Implications	Applied Geology	Hairuo Qing University of Regina
3	Roshni Mohan University of Agricultural Sciences Bangalore	Gene Discovery Of Trichome Genes In Cucumber For Its Application In Genome Editing For Cucumber Mosaic Virus Resistance	Serological, Molecular And Transformation Strategies For The Management Of Cucumber Mosaic Virus (CMV) Infecting Cucumis Sativus L	Biotechnology	Ajjamada C. Kushalappa McGill University
4	Dipankar Mandal Indian Institute of Technology Bombay	Estimation Of Crop Biophysical Parameters Using Polarimetric Synthetic Aperture Radar (SAR) Remote Sensing Data	Crop Biophysical Parameter Retrieval And Yield Forecasting Using Polarimetric SAR Data	Remote Sensing & GIS	Scott Mitchell Carleton University Co-host: Heather McNairn Carleton University
5	Pinaki Gayen Indian Institute of Technology Kharagpur	Universal And Culture-Specific Visual Attributes Of Emotions In Abstract Paintings	Understanding The Language Of Visuals: An Exploration Of Representation Of Emotions Through Lines, Colours And Textures	Visual Arts	Dirk Bernhardt -Walther University of Toronto
6	Mitali Vyas Pondicherry University	Deportation Trauma in the novels of AntonineMaillet	Deportation Trauma In The Novels Of Antonine Maillet	French	Chantal Richard University Of New Brinswick,

7	Roomana Hukil McMaster University	Renewable Energy Trends in India: Social Perceptions, Current Progress and Future Prospects	State Capacity and Environmental Efficiency in Renewable Energy Systems: A Comparative Analysis of India and China	Political Science	Ambuj D. Sagar, Vipula & Mahesh Chaturvedi Indian Institute of Technology Delhi
8	Ujjwala Gupta Institute for Social and Economic Change	Within ethnic families: Parent- child relation among Indian born Canadians and Second- generation Canadians	Value of Children in a Family System and its influence on Fertility among Scheduled Tribes of Jharkhand	Social Work	Randy L. Johner University of Regina Claudia Malacrida University of Lethbridge
Waitlist					
W1	Vishal Gaur Indian Institute of Technology, Roorkee	Digital Protection Of Transmission Lines	Digital Protection Of Transmission Lines	Electrical Engineering	Ramakrishna Gokaraju University of Saskatchewan
W2	Diwakar Upadhyay University of Hyderabad	Memories Without Museums: Ambivalent Longings and Postmemories of Resistance and Repression in Bihar, 1960s-1990s	Memories Without Museums: Ambivalent Longings and Postmemories of Resistance and Repression in Bihar, 1960s-1990s	Literature	Nissim Mannathukkaren Dalhousie University Ajay Parasram Dalhousie University

c. SRSF: Student

Sr.No.	Name of the Applicant and Institution	Topic of Project	Discipline	Proposed Institution/University for Affiliation
1	Ravichandra Patil Indian Institute of Technology Guwahati	Biochemical Methane Potential Assays for Biochar Selection for Bioaugmentation in Anaerobic Digestion	Biotechnology	Cigdem Eskicioglu University of British Columbia Madhumita B. Ray Western University