

## SHASTRI RESEARCH STUDENT FELLOWSHIP

### A. SRSF-Student

<b>SHASTRI RESEARCH STUDENT FELLOWSHIP (SRSF) STUDENT</b>				
Sr. No	Name of the Applicant & Institution	Title of Project	Discipline	Affiliate & Institution
1	<b>Abhinav Jain</b> Indian Institute of Technology, Roorkee	Understanding Nanoparticle-Surfactant Interactions At Liquid-Liquid Interfaces	Mechanical Engineering/ Industrial Engineering	<b>Ishwar K. Puri</b> Professor Department of Mechanical Engineering McMaster University
2	<b>Afzal Ahmad</b> Indian Institute of Technology Guwahati	Multi-Robot Networks	Computer Science	<b>Giovanni Beltrame</b> Associate Professor Department of Computer and Software Engineering École Polytechnique de Montréal University of Montréal
3	<b>Akshay Mathad</b> UAS Dharwad	Molecular Analysis Of Heat Stress Tolerance In Chickpea	Genetics And Plant Breeding	<b>Raju Soolanayakanahally</b> Adjunct Faculty Agriculture & Agri Food Canada University of Regina
4	<b>Akash Gautam</b> Malaviya National Institute of Technology Jaipur	Deep Learning and Computer Vision In farm robotics	Metallurgical and Material Engineering/ Computer Science	<b>Thomas Trappenberg</b> Professor Faculty of Computer Science Dalhousie University
5	<b>Shivansh Rao</b> Delhi Technological University	Weakly Supervised Object Localization And Segmentation In Videos	Computer Science	<b>Yang Wang</b> Assistant Professor Department of Computer Science

				University Of Manitoba
6	<b>Ajay Kumar</b> Indian Institute of Technology Gandhinagar	Formation of Meta-Substituted Phenols	Chemistry	<b>Derrick L. J. Clive</b> Professor Dept. of Chemistry University of Alberta
7	<b>Lakshman Chakrav Nallan Chakravarthula</b> Indian Institute of Technology Gandhinagar	The Effect of Context (Proxemics) On Looking Behaviour of Individuals In Nonverbal Human Communication	Cognitive Science/ Psychology	<b>Alan Kingstone</b> Professor Department of Psychology University of British Columbia
8	<b>Prachi Mishra</b> McMaster University	A Critical Analysis of Indo-Israeli Relations	Political Science/International Relations	<b>A.K. Ramakrishnan</b> Centre for west Asian studies School of International Studies Jawaharlal Nehru University
<b>Waitlist Candidate</b>				
1	<b>Dhruv Rathi</b> Delhi Technological University	A Novel Method To Increase Mobile Operating System Security Devising New Adaptive Deep Learning Techniques.	Computer Science	<b>Julia Rubin</b> Assistant Professor Electrical and Computer Engineering The University of British Columbia
2	<b>*Vatsal Sanjay</b> Indian Institute of Technology, Roorkee	Investigation of Liquid Sheet Atomization Under Trans-Critical Temperature Conditions	Mechanical Engineering	<b>Jean-Pierre Hickey</b> Assistant Professor Department of Mechanical and Mechatronics Engineering University of Waterloo

## SRSF-Doctoral

SHASTRI RESEARCH STUDENT FELLOWSHIP(SRSF) DOCTORAL					
Sr. no.	Name of the Applicant and Institutional Address	Topic of Project	Title of PhD	Subject	Affiliation & Institution
1	<b>Ritika Tiwari</b> Indian Institute of Technology Kanpur	Role of SPINK1 in neuroendocrine transdifferentiation in prostate cancer	Implication of SPINK1/AR signaling axis in prostate cancer progression	Oncology	<b>Amina Zoubeidi</b> Assistant Professor Department of Urologic Sciences University of British Columbia
2	<b>*Ekta Pandey</b> Indian Institute of Technology Delhi	A critical Analysis of Market structure of Indian Pharmaceutical industry using Structure Conduct Performance Structure	Essays in Health Economics	Public Health	<b>Sue Horton</b> School of Public Health and Health Systems University of Waterloo
3	<b>*Krishanu Roy</b> The Institute of Mathematical Sciences	Growth type and length generating function of quotients of Coxeter group by reflection subgroups	Regular Subalgebras of Infinite Dimensional Kac - Moody Algebras	Mathematics	<b>Christophe Hohlweg</b> Dept of Mathematics University Du Quebec a Montreal Quebec
4	<b>Ritwick Ghosh</b> Jadavpur University	Smart metal mesh fog filters for detecting air-borne pathogens	Viability Study Of Fog Collection From The Evaporated Waste Water of Artificial Sources	Environmental Science/ Mechanical Engineering	<b>Ishwar K. Puri</b> Dean and Professor Faculty of Engineering McMaster University

5	<b>Sankha Subhra Bhattacharjee</b> Indian Institute of Technology Gandhinagar	Speech enhancement in binaural digital hearing aids	Design and implementation of low complexity binaural assistive listening devices	Electronics and Communication Engineering	<b>Martin Bouchard</b> School of Electrical Engineering and Computer Science University of Ottawa
6	<b>Sameena sameena</b> University of British Columbia	In the grey zone between Itinerant Commercial Exhibitions and Bombay Cinema: Practices and Technologies of Vernacular Photography in North India, 1920-1980s	In the grey zone between Itinerant Commercial Exhibitions and Bombay Cinema: Practices and Technologies of Vernacular Photography in North India, 1920-1980s	Visual Studies / Art History	<b>Koumudi Patil</b> Assistant Professor Department of Humanities and Social Sciences IIT Kanpur
7	<b>Manojit Ray</b> Indian Institute of Technology Kharagpur	Behavior Influencing Energy Gateway Transformation in Canada - An Involved Exploration	Prosumer engaged affordable energy access - role of evolving technology & operating framework	Mechanical and Industrial Engineering	<b>Lily Shu</b> Professor Department of Mechanical and Industrial Engineering University of Toronto <b>Warren Mabee</b> Professor & Head Department of Geography and Planning Queen's University

8	<b>Lijo John</b> IIM Kozhikode	WASH Clusters For Improved Healthcare During Disaster response	A Study Of Coordination Issues In Humanitarian Supply Chain	Management/healthcare	<b>Harish Krishnan</b> Professor Operations and Logistics Division Sauder School of Business The University of British Columbia
9	<b>Poushali Maji</b> University of British Columbia	Climate Change, Air Quality and Development: Where are the win-wins (if any)?	Air quality and developmental co-benefits of carbon mitigation policies in India	Environmental Science	<b>Chandra Venketaraman</b> Professor Department of Chemical Engineering IIT Bombay
<b>Waitlist</b>					
1	<b>Urvi Desai</b> McGill University	Law and the Gujarati Family – intellectual histories of women in modern India	Law and the Gujarati Family – Intellectual Histories Of Women In Modern India	Law	<b>Faizan Mustafa</b> Vice Chancellor NALSAR (National Academy of Legal Studies and Research University) Hyderabad, India
2	<b>Rakesh Somashekaraiah</b> University of Mysore	“Mycotoxin modulating potentials of novel Probiotic strains isolated from Indian traditional fermented foods”	Probiotic consortium for the management of mycotoxins associated with cereal-based foods”	Microbiology	<b>Riadh Hammami</b> Assistant Professor Laboratory School of Nutrition Sciences, University of Ottawa

## B. SRSF- Post Doctoral

SHASTRI RESEARCH STUDENT FELLOWSHIP (SRSF) POST DOCTORAL					
Sr.No.	Name of applicant	Topic Of Project	Title of PhD	Subjects	Affiliate & Institution
1	<b>Kamla Rawat</b> DST-Inspire Faculty at IUAC, Jawaharlal Nehru University	Multi-Purpose Bio-Nano Hybrid Materials: Bio inspired Chemistry	Phase Stability Of Protein Solutions, Gels, And Complex Coacervates In Ionic Liquid Solutions	Chemistry	<b>Harald Stöver</b> Professor Department of Chemistry and Chemical Biology, McMaster University
2	<b>Vartika Tomar</b> Research Associate University of Delhi	In Silico Design And Development of Ppar $\gamma$ Agonists As Chemotherapeutic Agents For Her2+ Metastatic Breast Cancer	Synthesis And Biological Evaluation of a Novel Class of Antitumor Drugs Based Upon the Natural Alkaloids Noscapine	Biology/ Carcinoma	<b>Meena Sakharkar</b> Associate Professor College of Pharmacy and Nutrition University of Saskatchewan
<b>Waitlist</b>					
1	<b>Swapnil Jaiswal</b> Postdoc Fellow Indian Institute of Technology Delhi	Extraction Of Functional Food Ingredients For Food Safety	Pressurized Liquid Extraction Of Bio Actives From Sea Buckthorn And Green Tea For Food Applications'	Chemical Engineering	<b>A.K. Dalai</b> Professor Dept. of Chemical and Biological Engineering University of Saskatchewan
2	<b>Hemanta Kalita</b> DST-SERB NPDF Indian Institute of Technology Guwahati	Synthesis And Material Properties of Triazine-Fluorenyl Polyradicaloid And Phosphorus Doped Nanographene	Porphyrinoid Based Columnar Liquid Crystals For Organic Solar Cells	Chemistry	<b>Suning Wang</b> Professor Department of Chemistry

					Queen's university
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**Note: Red highlighted text represents the conditional awards for which the individual will be informed via email.**