

**SHASTRI RESEARCH STUDENT FELLOWSHIP (SRSF):
DOCTORAL**

Sr. No.	Name & Institution	Topic of Project	Title of PhD	Discipline	Proposed Institution/University for Affiliation
HSS & ALIED					
1	Aniruddha Jena University of Hyderabad	Community Radio and Politics of Culture: A Cross-cultural Analysis of India and Canada	Community Radio and Politics of Culture: Cultural Analysis of Select Community Radio Initiatives in Odisha, India	Communication	Jan Hadlaw Associate Professor York University
2	Archa Neelakandan Girija The University of British Columbia	Changing Perspectives on Indian Ocean Cityscapes: The Port City of Calicut in the Seventeenth and the Eighteenth Centuries	Changing Perspectives on Indian Ocean Cityscapes: The Port City of Calicut in the Seventeenth and the Eighteenth Centuries	History	Pius Malekandathil Professor Jawaharlal Nehru University
3	Shivani Sharma Indian Institute of Technology Gandhinagar	New Media (Re)Constructions of Indian Epic- the Mahābhārata in the Digital Research Centre of Canada	Semiotics and the Poetics of Mediums: The Mahabharata in Print, Television and New Media Platforms	Humanities	Jon Bath Associate Professor University of Saskatchewan
W1	Twisha Singh McGill University	The Infamous Performer': A Study of Socio-Economic Identity, Occupational Mobility and Creative Labor of Stage Actresses in Calcutta and London, 1870-1950	The Infamous Performer'- A Study of Socio-Economic Identity, Occupational Mobility and Creative Labor of Stage Actresses in Calcutta and London, 1870-1950	Arts	Indrani Roy Chowdhury Associate Professor Jawaharlal Nehru University
STEM & ALLIED					

1	Vijay Choyal IIT Indore	Modelling and tuning of electromechanical response of boron nitride nanotubes using a novel flexoelectricity phenomenon	Characterizing the thermomechanical and flexoelectric properties of boron nitride nanotubes using molecular dynamics simulations	Mechanical Engineering	Ronald Miller Professor Carleton University Mauricio Ponga Assistant Professor The University of British Columbia
2	Joseph Panikulangara Johnson Indian Institute of Technology Bombay	Investigating the phenomenological aspect of the unified dark energy-dark matter model	Observational signatures of non-standard cosmology	Physics	Robert Brandenberger Professor of Physics McGill University
3	Rojimol J Indian Institute of Technology Hyderabad	Performance of a geogrid reinforced flexible pavement under moving loads	Numerical modeling of geogrid reinforced granular bases in paved road under moving load	Engineering	Dipanjan Basu Associate Professor University of Waterloo
W1	Rahul Dixit Indian Institute of Technology Roorkee	Main Central Thrust Zone: a reactivated Paleozoic or Cenozoic tectonic boundary? A brief study from Alaknanda-Dhauliganga Valley, Uttarakhand Himalaya	Structural and Tectonic Evolution Of The Higher Himalayan Crystallines (Hhcs), Alaknanda-Dhauliganga-Bhagirathi Valleys, Uttarakhand Himalaya	Geology	Kyle Larson Associate Professor The University of British Columbia John Greenough Professor The University of British Columbia
W2	Richa Sharma Malaviya National Institute of Technology Jaipur	Integral solutions of certain Diophantine equations and some related topics.	Some Diophantine Equations and Related Problems	Mathematics	Michael J. Jacobson Professor University of Calgary Renate Scheidle Associate Professor University of Calgary

SHASTRI RESEARCH STUDENT FELLOWSHIP (SRSF): POST DOCTORAL

Sr. No.	Name & Institution	Topic of Project	Title of Post Doctoral Project	Discipline	Proposed institution/university for affiliation
1	Vishal Sharma Postdoctoral Research Fellow Indian Institute of Technology Indore	Investigating Classical and Quantum Machine Learning for smart manufacturing applications	Investigating various aspects of smart manufacturing	Industrial Engineering	Barry Sanders Professor University of Calgary Daniel Oblak Assistant Professor University of Calgary
2	Pratichi Singh Post-Doctoral Fellow IIT(Indian School of Mines)Dhanbad	Development of catalyst-reductant system to control NOx emissions from Lean burn engines	The Catalytic control of Nitrogen oxides from vehicular emissions	Environmental Science and Climate Change	Xu Zhang Canada Research Chair Cape Breton University
3	Harmehr Sekhon Postdoctoral Fellow McGill University)	Pilot Knee School in the Outpatient Department settings in Chandigarh (PGIMER) for Improving the quality of life of Patients Suffering from knee Osteoarthritis through a Randomized Controlled Trial	Geriatrics Postdoctorate	Health Sciences	Raj Gupta Professor Department of Education Panjab University
W1	Shahid Ul Islam Postdoctoral Research Associate Indian Institute of Technology Delhi	Exploiting the Potential of Biomolecules Extracted from Agricultural Wastes as Substitute to Toxic Synthetic Chemicals for Sustainable Advanced Textile Finishing	Exploiting the Potential of Biomolecules Extracted from Agricultural Wastes as Substitute to Toxic Synthetic Chemicals for Sustainable Advanced Textile Finishing	Chemistry	Vijaya Raghavan Professor McGill University

**SHASTRI RESEARCH STUDENT FELLOWSHIP (SRSF):
STUDENT**

Sr. No.	Name & Institution	Topic of Project	Discipline	Proposed Institution/University for Affiliation
1	Leanna Augsten University of Guelph	The Gender Dynamics of Climate Change: Impacts, Challenges, and Knowledge	Anthropology	Anil Persaud Professor Ambedkar University
2	Shalet Elias Rosario University of British Columbia	Informal Caregiving for Children with Type 1 Diabetes	Psychology	Umesh Bharte Assistant Professor University of Mumbai
3	Elisa Samara Cooper University of Guelph	Fostering empowerment through capacity building of CBOs in rural India	Social Sciences	Papia Raj Assistant Professor Humanities and Social Sciences Indian Institute of Technology Patna
4	Anjali Singh University of Ottawa	Collective Impact of Working Capital Management & Corporate Governance on Firm Performance	Business	Pradip Banerjee Associate Professor Indian Institute of Management, Indore