

1. Shastri Institutional Collaborative Research Grant (SICRG)

<b>Shastri Institutional Collaborative Research Grant(SICRG) 2016-17</b>				
	<b>Principal Applicant- India/Canada</b>	<b>Co-Applicant &amp; Institution</b>	<b>Proposed Project</b>	<b>Subject</b>
	<b>Vasant Matsagar</b> IIT Delhi	<b>M. Shahria Alam</b> University of British Columbia	Performance-Based Seismic Design Guideline for Buildings Isolated with Cost Effective FRP-Based Rubber Bearings	<b>Civil Engineering</b>
	<b>Darrin Richeson</b> University of Ottawa	<b>Gyandshwar Kumar Rao</b> IIT Delhi	Catalytic Generation of Hydrogen from Water: Toward Sustainable Energy	<b>Chemistry</b>
	<b>Abass Braimah</b> Carleton University	<b>Manish Kumar</b> IIT Bombay	Contact Explosion Effects on Reinforced Concrete Columns	<b>Civil Engineering</b>
	<b>Ajay K. Dalai</b> University of Saskatchewan	<b>Satyendra Prasad Chaurasria</b> MNIT, Jaipur	Removal of Heavy Metals From Groundwater And Industrial Effluents by Activated Carbon Prepared from Waste Agricultural Biomass	<b>Chemical Engineering</b>
	<b>Simon Collin</b> University of Quebec in Montreal	<b>Vasumathi Badrinathan</b> University of Mumbai	Teachers' Self-confidence in Using Technologies in their Teaching: The Perceived Impact of an e-Twinning Project Between French-as-a- Foreign-Language Teachers from India and Canada	<b>French Linguistics</b>
	<b>Siby K. George</b> IIT Bombay	<b>John Russon</b> University of Guelph	The Ethics of teaching in Pluralistic and Unequal Societies	<b>Philosophy</b>
	<b>Yogesh K. Sharma</b> IIT Roorkee	<b>Venkataraman Thangadurai</b> University of Calgary	Robust and Chemically Stable Nano Fiber Li-Stuffed Garnet Membranes for Next Generation All-Solid-State Li Batteries	<b>Physics</b>
	<b>Zakir Hussain Rather</b> <b>Assistant Professor</b> IIT Bombay	<b>Ramakrishna Gokaraju</b> Dept. of Electrical & Computer Engineering University of Saskatchewan	Grid Stability of Large-Scale Renewable Energy Integrated Power System	<b>Energy Science</b>

## 2. Shastri Mobility Programme (SMP)

<b>Shastri Mobility Programme (SMP) 2016-17</b>				
	<b>Name of the Applicant's</b>	<b>Proposed institution/university for affiliation</b>	<b>Area of interest</b>	<b>Category</b>
	<b>Chhanda Chakraborti</b> IIT Kharagpur	<b>Francois Baylis</b> Dalhousie University	Bioethics, Philosophy	Academic
	<b>Indu Shekhar Thakur</b> Jawaharlal Nehru University	<b>Anil Mehrotra</b> University of Calgary	Environmental Microbiology and Biotechnology: Bioremediation, biovalorization and detoxification	Academic
	<b>Nataraja Karba</b> UAS Bangalore	<b>Karen K Tanino</b> University of Saskatchewan	Abiotic stress adaption and climate change	Academic
	<b>Varalakshmi Manchana</b> University of Hyderabad	<b>Shanthi Johnson</b> University of Regina	Health education implementation and challenges involved in chronic disease prevention at primary care level for Equity and Health Promotion	Academic
	<b>Yashomati Ghosh</b> National Law School of India University Bangalore	<b>Nilesh Bose</b> University of Victoria	Law Governance & Administrative Accountability	Academic
	<b>Padmini Pani</b> Jawaharlal Nehru University	<b>Marwan Hassan</b> University of British Columbia	Water Resource Management (Sustainable river basin Management)	Academic
	<b>Sangeeta Thapliyal</b> Jawaharlal Nehru University	<b>Philip Kelley</b> York University	Regional security, evolving security issues, India's foreign policy, India's relations with its neighbours and extended neighbours	Academic
	<b>Rajib K Bhattacharya</b> IIT Guwahati	<b>Mysore Satish</b> Dalhousie University	Water resource Mgt., Climate change, Groundwater Mgt., Genetic Algorithms, Artificial Neural Networks	Academic
	<b>Sada Niang</b> University of Victoria	<b>Dhir Sarangi</b> Jawaharlal Nehru University	Language Teaching and Research, Francophone Literature and Culture teaching and Research	Academic
	<b>Sajad Ahmad Loan</b> Jamia Millia Islamia	<b>Omar M. Ramahi</b> University of Waterloo <b>Bo Cui</b> University of Waterloo	I. Nanoelectronics and Nanotechnology II. Semiconductor devices/Silicon/SOI/GaN III. VLSI Design IV. Energy efficient designing	Academic

	<b>Gopa Kumar</b> Central University of Kerala	<b>Jayadeep Balakrishnan</b> University of Calgary	Higher Education in the Era of Globalization	Administrator
	<b>Mannarakkal Dasan</b> Central University of Kerala	<b>Heather Campbell</b> York University	Canadian First Nations Literature	Academic
	<b>Nandini Kapur</b> IGNOU	<b>Nathalie Kermoel</b> University of Alberta	History, Interdisciplinary Studies of indigenous people and tribal traditions, Environmental Studies	Academic
	<b>Davinder Kaur</b> IIT Roorkee	<b>Thomas Thundat</b> University of Alberta	Nanotechnology, Wireless Communication	Academic
	<b>Vijayakumar Krishnasamy,</b> MNIT, Jaipur	<b>Ramakrishna Gokaraju</b> University of Saskatchewan	Renewable Energy (Energy and Environmental Sciences including the Renewal Energy)	Academic
	<b>Somnath Basu,</b> IIT Bombay	<b>Kinnor Chattopadhyay</b> University of Toronto	(i) Interfacial phenomena at slag-metal-gas interfaces (ii) Interaction of molten slag with refractories and solid fluxes	Academic

### 3. Shastri Research Student Fellowship (SRSF)

#### I. Doctoral

<b>Shastri Student Research Fellowship (SRSF) for Doctoral 2016-17</b>				
	<b>Name of the Applicant</b>	<b>Proposed institution/university for affiliation</b>	<b>Topic of Project</b>	<b>Subject</b>
	<b>Wazida Rahman</b> National Law University & Judicial Academy Assam	<b>Carys Craig</b> York University <b>Margaret E Beare</b> York University	Comparative Study of Status of Women & children in Live-in relationship in Canada and India	<b>Law</b>
	<b>Charu Ratna Dubey</b> Jawaharlal Nehru University	<b>John Kirton</b> University of Toronto	Canadian Foreign Policy During Chretien Premiership, 1993 – 2003	<b>International Relations</b>
	<b>Jayesh Sonawane</b> IIT Bombay	<b>Radhakrishnan Mahadevan</b> Toronto University	Microbial Fuel Cells With Self Sustained Algal Cathode for Energy Recovery and Biohydrogen Generation From Waste Organics	<b>Bio energy/ Biotechnology</b>
	<b>Mohit Mazumder</b> Jawaharlal Nehru University	<b>Meena Sakhaarkar</b> University of Saskatchewan.	In Silico Design and Development of Novel Methionine Aminopeptidase2(MetAP2) Inhibitors as Chemotherapeutic Agents	<b>Biology</b>

<b>Veluchamy Chitraichamy</b> IIT Guwahati	<b>Brandon Gilroyed</b> University of Guelph	Feasibility Study on Newly Designed Bioreactor for Bio energy Production under Varied Climatic Conditions	<b>Energy Studies</b>
<b>Durgesh Singh</b> IIT Madras	<b>Diwakar Krishnamurthy</b> University of Calgary	Performance Management and Load Balancing in Mobile Cloud Computing	<b>Electrical/Engineering, Cloud Computing</b>
<b>Saurabh Kumar</b> IIM Lucknow	<b>Nilesh Saraf</b> Simon Fraser University	Investigating the Antecedents and Outcomes of Privacy Concerns in Online Social Network: Comparative Analysis Between India and Canada	<b>Management</b>
<b>Roshni Das</b> IIM Indore	<b>Binod Sundararajan</b> Dalhousie University	HRM's role in managing Entrepreneurship	<b>Management</b>
<b>Victoria Lynn Charlotte Sheldon</b> University of Toronto	<b>Susan Viswanathan</b> Jawaharlal Nehru University	The Divine science of detoxification: A post colonial sociological examination of nature cure lifestyle disease treatment in Kerala	<b>Anthropology</b>
<b>Ruchika Handa</b> University of Montreal	<b>Anitha</b> University of Hyderabad	Nutrition transition and diabetes melitus type II epidemic in India: looking through a gender lens	<b>Health Science</b>
<b>Anusmita Devi</b> IIT Gandhinagar	<b>Laura Hurd Clarke</b> University of British Columbia	Ageing, Body Practices, Gender Subjectivity, and Later life Identities among Older Adults in Urban Settings in India and Canada	<b>Sociology</b>
<b>Tarul Umakant Sharma</b> IIT Bombay	<b>Yangping Li</b> University of Saskatchewan <b>Qian Budong</b> Research Scientist Agriculture and Agri-Food Canada	Assessing the Impacts of Climate Change on Agricultural Vulnerability over India	<b>Agricultural Science</b>
<b>Nagma Sahi Ansari</b> Jamia Millia Islamia	<b>Micheal Longford</b> York University	Exploring the changing Aesthetics of Self through Everyday Photographic Practice	<b>Media &amp; Design Technology</b>
<b>Chandni Bhambhani</b> ISEC Bengaluru	<b>Meg Luxton</b> York University	Voluntary Childlessness: A Comparative Analysis of Indian And Canadian Contexts	<b>Sociology</b>
<b>Jayanta Ghosh</b> IIT Kharagpur	<b>Ian Karr</b> University of Ottawa	Canadian Privacy & Data Protection Laws: An exploration	<b>Law</b>
<b>Alakananda Das</b> University of Calcutta	<b>Sushanta K. Mitra</b> University of Waterloo	Development of Microfluidic Chips Based on Optical Detection	<b>Physics</b>

**Shastri Research Student Fellowship (SRSF)-**

**II. Post Doctoral**

<b>Shastri Research Student Fellowship ( SRSF) for Post Doctoral 2016-17</b>				
	<b>Name of the Applicant</b>	<b>Proposed institution/university for affiliation</b>	<b>Topic of Project</b>	<b>Subject</b>
	<b>Confirmed Candidates</b>			
	<b>Nicole Rigillo</b> McGill University	<b>Arnab Mukherjee</b> IIM Bangalore	“Open-Source Governance: Ethnography of Citizen Engagement through Online Platforms in Bangalore.”	<b>Anthropology</b>
	<b>Kaviya Somasundaram</b> IIT Madras	<b>Kevin Stamplecoskie</b> Queen’s University	Chemical Sensor For On-Line Monitoring Of Extremely Dangerous Narcotics And Fentanyl	<b>Chemistry</b>
	<b>Partha Kundu</b> IIT Roorkee	<b>Yongan (Peter) Gu</b> University of Regina	A Novel Approach For Enhancing The Efficiency of Crude Oil Recovery Techniques By Nanoparticle Stabilized Pickering Emulsions (Nanofluids)	<b>Petro Chemical Engineering</b>
	<b>Tamanna Anwar</b> Jawaharlal Nehru University	<b>Oige Dmitriva</b> University of Saskatchewan	Selective killing of cancer cells by developing inhibitors against specific target lysine methyltransferase (METTLA2A)	<b>Immunology</b>
	<b>Kalpesh Kumar Joshi</b> IIT Gandhinagar	<b>Ramakrishna Gokaraju</b> University of Saskatchewan	Sustainable Energy Systems with Photovoltaic Generation and Storage Solutions for Rural Communities in India and Canada	<b>Electrical Engineering</b>
	<b>Toreshettahally R Swaroop</b> University of Mysore	<b>Paris Georghiou</b> Memorial University of Newfoundland	Synthesis of new polythiophene materials as organic conductors	<b>Chemistry</b>
	<b>Arun Augustine</b> (ICGEB), Jawaharlal Nehru University	<b>Isabelle Marcotte</b> Université du Québec à Montréal	The Valorization of Blue Diatom: Haslea Ostrearia for Marennine Production	<b>Biotechnology</b>
	<b>Bharatee Bhusana Dash</b> National Institute of Public Finance and Policy	<b>Stanley L. Winer</b> Carleton University	Public Spending and Development Outcomes across Indian States: Does the Quality of Governance Matter?	<b>Economics</b>

**Shastri Research Student Fellowship (SRSF)-  
III. Students**

<b>Shastri Research Student Fellowship (SRSF) for Students 2016-17</b>				
	<b>Name of the Applicant</b>	<b>Proposed institution/university for affiliation</b>	<b>Topic of Project</b>	<b>Subject</b>
	<b>Neil Amber Judge</b> Jawaharlal Nehru University	<b>Michele Millard</b> York University <b>Margaret Walton-Roberts</b> Wilfrid Laurier University	Refugee Policy of Canada: Critical Issues and Debates Since 2002	<b>Political Science</b>
	<b>Pallavi Nagaraju</b> Mysore University	<b>Jaideep Balakrishnan</b> University of Calgary	Employee participation in top level management in an organization	<b>Management</b>
	<b>Rupesh Kumar Mahendran</b> IIT Madras	<b>P. Ravi Selvaganapathy</b> McMaster University	Study of diffusion efficiency and flow resistance of lung assisted microfluidic devices as oxygenators	<b>Mechanical engineering</b>
	<b>Sikta Chattopadhyaya</b> University of Calcutta	<b>Michael P. Czubryt</b> University of Manitoba	Inhibition of metastasis in breast cancer cells using miR-335	<b>Immunology</b>
	<b>Sneha Singh</b> Principal K. M. Kundnani College of Pharmacy, University of Mumbai	<b>Ujendra Kumar</b> University of British Columbia	Design, Formulation and Pharmacological Evaluation of a Polyherbal Tea Bag -A Green Solution for Hypothyroidism and It's Associated Disorders	<b>Pharmacology/ Pharmaceutical Sciences</b>
	<b>Kathryn Sloane Geddes</b> University of British Columbia	<b>Malhar Kulkarni</b> IIT Mumbai	American Institute of Indian Studies Summer Language Program in Sanskrit in Pune, Maharashtra	<b>Sanskrit</b>
	<b>Monica Shandal</b> University of Alberta	<b>A V Manjunatha</b> ISEC Bangalore	Rice seed production System in Telengana	<b>Agricultural Sciences</b>
	<b>Yatin Gilhotra</b> Delhi Technological University	<b>Mohamad Sawan</b> University of Montreal	A New Algorithm and Corresponding Low Power Microcircuits to Validate a New Adaptive Thresholding Technique	<b>Biomedical Engineering</b>
	<b>Khushboo Batra</b> Pondicherry University	<b>Michel Seguin</b> HEC Montreal	Intern Under the Dept. of Languages at HEC Montreal	<b>French</b>
	<b>Parveen Zainab Fatima Ali</b> Osmania University	<b>Ebrahim Ghafar-Zadeh</b> York University	Wearable AMD Embedded System	<b>Bio medical Engineering</b>

	<b>Dhwaj Khattar</b> MNIT Jaipur	<b>Kunal Karan</b> University of Calgary	The Nanoparticle Synthesis of an Effective Catalyst for Oxygen Reduction In a Fuel Cell and Fabrication of a Coated Catalyst Membrane Using the Principle of Cavitations (Sonication)	<b>Chemical Engineering</b>
	<b>Ashish Jain</b> IIT Guwahati	<b>Ravi Bhardwaj</b> University of Ottawa	Development of Fiber Bragg Grating Based Novel structure for Structural Health Monitoring	<b>Physics</b>