

SRG 2017-18 projects selected for Funding (14 projects)

#	Name of Project/Activity	Lead Applicant and Institution	Co-Applicant and Institution	Domain	Grant Amount (CAN\$)
1	Modelling thermodynamic fluctuations in shock-turbulence interaction	Jean-Pierre Hickey University of Waterloo, Canada	Krishnendu Sinha IIT Bombay, India	Engineering	6,500
2	Physics of Bose-Einstein Condensates at the Black Hole Horizon and Quantum Gravity	Shankaranaranayanan Subramaniam IIT Bombay, India	Saurya Das University of Lethbridge, Canada	Physics	6,500
3	Legacy data-based dimensional digital soil mapping of West Bengal, India	Asim Biswas University of Guelph, Canada	Bhabani Sankar Das IIT Kharagpur, India	Environment/ microbiology	6,500
4	Enhancing Sensitivity of Disease Diagnosis using Enzyme Chemotaxis	Krishna Kanti Dey IIT Gandhinagar, India	Raymond Kapral University of Toronto, Canada	Chemistry	6,500
5	Spark Plasma Sintered Metal-Metal and Metal-Polymer Materials for Lightweight Thermal/Electrical Applications	Abdallah Elsayed University of Guelph, Canada	Budaraju Srinivasa Murty, IIT Madras, India	Engineering	6,500
6	Fingerprinting Multi-Higgs Models at the LHC	Poulose Poulose IIT Guwahati, India	Mariana Frank Concordia University, Canada	Physics	6,500
7	Enhancing Qos in Mobile Edge Computing Environments	PS Saikrishna IIT Tirupati, India	Diwakar Krishnamurthy University of Calgary, Canada	Electrical & Computer Engineering	6,500
8	Conception, Components and Sources of Wisdom: Comparison between India and Canada	Naved Iqbal Jamia Millia Islamia, India	Igor Grossmann University of Waterloo	Social Studies	6,500
9	Effects of Value learned Images on Attention Under Load	Rashmi Gupta IIT Bombay, India	Mark Fenske University of Guelph, Canada	Humanities and Social Sciences	6,500

10	Algae Bio-refinery for Biofuels and Bio-products (AB3)/Green Algal Refinery for Future (GARF)/Waste4Algae2Future	Ramkrishna Sen IIT Kharagpur, India	Pascale Champagne Queen's University, Canada	Engineering	6,500
11	Prediction of Pile Response in Unsaturated Soils	Vishwas A Sawant IIT Roorkee, India	Sai K Vanapalli University of Ottawa, Canada	Engineering	6,500
12	Design and Analysis of Spintronics Based Devices to Systems	Zeljko Zilic McGill University, Canada	Brajesh Kumar Kaushik IIT Roorkee, India	Engineering	6,500
13	Documenting the Vanishing Legacy of Hereditary Patuas (Scroll painters) of West Bengal	Anjali Gera Roy IIT Kharagpur, India	Juan Luis Suarez University of Western Ontario, Canada	Humanities and Social Sciences	6,500
14	Barriers, Issues and Challenges for Women at Work Places: An Indo-Canadian Quality Improvement Intervention	Meera Shanker SNDT Women's University, India	Rana Haq Laurentian University, Canada	Humanities and Social Sciences	6,500