



Dr. Jagada Nand Jha <principal@mitmuzaffarpur.org>

Call for Applications for Programmes 2018-19 : Shastri Indo-Canadian Institute

1 message

no-reply <aicte.admin@aicte-india.org>
To: principal@mitmuzaffarpur.org

4 December 2018 at 14:40

Dear Sir/Madam,

Shastri Indo-Canadian Institute(SICI) is organizing the following programmes for the year 2018-19 administered by its offices in India and Canada:

- Shastri Institutional Collaborative Research Grant (SICRG)
- Shastri Mobility Programme (SMP)
- Shastri Research Student Fellowship (SRSF)
- Shastri Programme Development Grant (SPDG)
- Shastri Publication Grant (SPG)
- Shastri Membership Development Grant (SMDG)
- Faculty Development Programme for Vocational Education (FDPVE)
- Global Initiative for Academic Network (GIAN)/Faculty-In-Residence Programme (FIR) (Open for Non-members also)
- Shastri Scholar Travel Subsidy Grant (SSTSG)
- Shastri Student Internship Project (SSIP)
- SICI Membership Development Fund (SMDF)

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Applications from all domains of studies like Social Sciences and Humanities, Arts, Commerce & Management and STEM subjects are accepted. However, applications are encouraged in the focus areas of SICI and *priority areas of MHRD, Govt. of India (Priority areas document is attached).

Please note that for purposes of all SICI granting programs, 'research' shall be deemed to include creative activity conducted within the structures and programs of a member institution.

The details of the programmes are available at web portal <https://www.shastriinstitute.org> and can be accessed directly from the link: <https://www.shastriinstitute.org/grants-awards-and-opportunities-for-indian-canadian-scholars>.

In case of any query or difficulty in the submission of applications at Grant Management System (GMS), scholars can contact the following officials:

For Programmes - SICRG, SMP, SRSF,SPDG, SPG, SMDG & FDPVE (No. 1-7) - Ms. Reshma Rana Verma at siciapplications@sici.org.in. Application for FDPVE are accepted directly through email at siciapplications@sici.org.in and not through GMS.

For FIR/GIAN (No. 8) - Ms. Anju Taneja at anjut@sici.org.in

For SSTSG, SSIP and SMDF (No. 9-11) - Ms. Mahmuda Aldeen at maldeen@ucalgary.ca. Application for SSIP and SMDF are accepted directly through email at maldeen@ucalgary.ca and not through GMS.

In view of above, AICTE requests all the institutes to kindly have it displayed on the notice boards and respective websites and other appropriate virtual forums of your University/Institution.

PFA: <https://drive.google.com/file/d/1-8KR70N2mYU4mSBFnuNjr9OvdWmt9xr/view?usp=sharing>

Regards,
AICTE

Website
JN Jha
5/12/18

The Priority Areas specified by Government of India

The priority areas specified by Government of India are Teacher Education and Leadership, Library management and development, Conservation and Heritage science and management, curatorship and museum studies, architecture, and culture management, following domains under the MHRD's IMPRINT initiative:

Domains

I. Health Care

Domain Themes

Health Literacy and Healthy Living | Prevention and Primary, Community Healthcare | Diagnostic Imaging | Wearable Devices and Embedded Systems | Point-of-Care Diagnosis | Healthcare ICT | Drug Discovery, Design and Delivery | Regenerative Medicine | Surgical and Operative Solutions | Traditional Healthcare | Reducing Communicable Disease Burden | Reducing Non-Communicable Disease Burden | Assistive Technology and Self-Management | Healthcare Management & Legal Issues | Accelerating Healthcare Innovation literacy and Healthy Living | Prevention and Primary, Community Healthcare | Diagnostic Imaging | Wearable Devices and Embedded Systems | Point-of-Care Diagnosis | Healthcare ICT | Drug Discovery, Design and Delivery | Regenerative Medicine | Surgical and Operative Solutions | Traditional Healthcare | Reducing Communicable Disease Burden | Reducing Non-Communicable Disease Burden | Assistive Technology and Self-Management | Healthcare Management & Legal Issues | Accelerating Healthcare Innovation

2. Information & Communication Technology

Domain Themes

Layer 1: Data Acquisition and Processing

Sensors, Bio-Sensors & MEMS, Multimodal Data (Text, Video, Audio), Multilingual Data, Novel Interfaces

Layer 2: Communication

Data Communication and Networks, Spectrally Efficient Communication, Secured Communication, THz Technology, Wireless Frontends.

Layer 3: Computation

Encryption and Security, Power Aware Design

Data Analytics, Text Analytics, Cognitive
Computing Digital Humanities, Speech and Language Processing
Layer 4: Computation Infrastructure
Embedded Systems and VLSI, Verifiable and Reliable Systems,
Encryption and Security, Power Aware Design

3. Energy

Domain Themes

Energy Education | Conventional Energy Sources | Renewables |
Energy Storage | Hydrogen |
Energy Systems & Efficiency

4. Sustainable Habitat

Domain Themes

Architecture & Built Form | Urban Planning & Design | Physical Infrastructure |
Social Infrastructure |
Water & Sanitation | Transportation | Economy | Energy & Environment |
Governance | Housing | Resilience

5. Nano-technology Hardware

Domain Themes

SHAPE - Security, Healthcare, Agriculture, Pedagogy, Environment are indeed
the areas where India Grand Challenges
program can shape the country's future and make a significant impact through
clearly defined goals and objectives.

6. Water Resources & River Systems

Domain Themes

Content Pending

7. Advanced Materials

Domain Themes

Emerging Materials | Structural Materials | Functional Materials | Materials Genomics
& ICME | Materials Education

8. Manufacturing

Domain Themes

A.1.1 Net-shape processes

A.1.2 Additive processes

A.1.3 Subtractive processes

A.2.1 Bulk properties

A.2.2 Surface properties

B.1 Geometrical Characteristics

B.2 Technological Characteristics

C.1 Machines

C.2 Tooling

D.1 Measurement Technology

D.2 Automation Technology

E.1 Manufacturing System

E.2 Practices

F.1 Typical manufacturing sectors

9. Security & Defence

Domain Themes

Life Sciences | Materials | Electronics and Communication Systems |
Combat Engineering Systems

10. Environmental Science and Climate Change

Domain Themes

Aerosols and Clouds | Air Quality | Carbon Cycle | Clean Energy Materials |
Climate Change | Climate Change Adaptation |
Climate Change-Extreme Events | Climate Modelling | Coastal Zones |
Data Assimilation | Drought Analysis |
Forestry | Geo-engineering | Glaciers | Hydro-Geo-Chemistry | Hydrology |
Indian Monsoon | Land Surface Modelling |
Mitigation and Policy | Natural Hazards Assessment | Rainfall Runoff Modelling |
Remote Sensing & GIS |
Sustainable Design and Manufacturing | Tropical Cyclones | Urban Floods |
Water Pollution | Water Resources |
Wind Energy