

**Department of Science & Technology**  
**(International Bilateral Co-operation Division)**

An India-Canada joint call for proposal under **DST - IC IMPACTS, Canada** was issued by Department of Science and Technology (DST), Ministry of Science & Technology, Government of India, New Delhi and IC-IMPACTS, Canada for inviting joint research activities carried out by Indian and Canadian researchers on the theme of *“Improving Occupant Survivability in Buildings During Fires”*

The last date for submitting the proposals was June 30, 2018. A total of 16 proposals were received against the call. After judicious assessment based on scientific strength, technical aspects, project objectives and national priorities of both the countries, Department of Science and Technology (DST), India and Ministry of Science, Technology and IC-IMPACTS, Canada have jointly decided to support the following 4 proposals. Project coordinators are being informed separately to complete administrative formalities for release of DST grant.

**List of Projects**

<b>S.N o.</b>	<b>Title of the Project</b>	<b>Indian PI Name and Institution</b>	<b>Israeli PI Name and Institution</b>
<b>1</b>	Fire Performance of Aged Reinforced Concrete Structures	<b>Dr. Umesh Kumar Sharma</b> Department of Civil Engineering, IIT Roorkee, Uttarakhand	<b>Professor Mark Green</b> Department of Civil Engineering, Queen's University Ontario, Canada
<b>2</b>	Assessment of fire performance of structural elements and structural systems through conventional fire tests and hybrid fire simulation	<b>Dr. Dipti Ranjan Sahoo</b> Associate Professor, Civil Engineering Department, IIT Delhi	<b>Oh-Sung Kwon</b> <b>Associate Professor</b> Department of Civil and Mineral Engineering, University of Toronto, Canada
<b>3</b>	Mobile App for improving survival in fires through efficient egress The role of impromptu indoor WiFi localization and georeferenced building maps	<b>Prof. Ashwin Srinivasan</b> BITS Pilani Goa Campus	<b>Raja Sengupta</b> <b>Assistant Professor</b> Department of Geography & School of Environment, McGill University, Quebec, Canada
<b>4</b>	Improving Fire Safety of Structures Through the Development of Fire Retardant Laminated Glass Glazing	<b>Prof. Ajitanshu Vedrtanam</b> Department of Mechanical Engineering, Invertis University, Bareilly, Uttar Pradesh	<b>Professor Maged Youssef</b> Civil and Environmental Engineering Department, Western University, London, Ontario Canada