ASIAN SMART CITIES RESEARCH AND INNOVATION NETWORK (ASCRIN)

EXPRESSION OF INTEREST FOR JOINT PHD SCHOLARSHIP
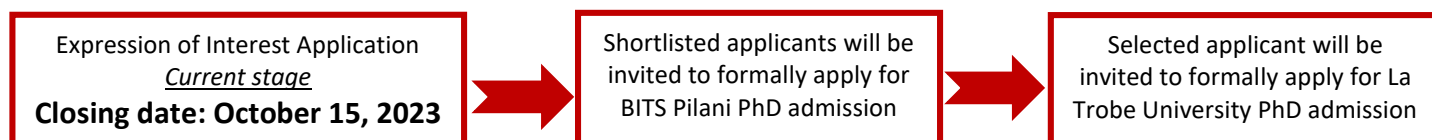
Applications are invited for joint PhD program at BITS Pilani and La Trobe University, Australia

DESCRIPTION

The Asian Smart Cities Research and Innovation Network (ASCRIN) has been initiated by La Trobe University, Melbourne Australia, in partnership with premier research institutions in India.

PhD position (01) in Supply Chain and Logistics is currently available with scholarship funding for students enrolled in a Joint PhD program at the Birla Institute of Technology and Science (BITS) Pilani, and La Trobe University. Candidates will be based at BITS Pilani, Pilani campus throughout his/her candidature and will have the opportunity to visit La Trobe University in Melbourne, Australia for typically one year during the research project.

The **Expression of Interest (EOI)** form is the first stage in considering whether you might be suitable for selection to undertake a PhD within the ASCRIN network.

Expression of Interest Application *Current stage* **Closing date: October 15, 2023**	→	Shortlisted applicants will be invited to formally apply for BITS Pilani PhD admission	→	Selected applicant will be invited to formally apply for La Trobe University PhD admission

BENEFITS OF THE SCHOLARSHIP

For candidates enrolled in a Joint PhD between La Trobe University and BITS Pilani:

- BITS Pilani PhD fellowship: INR 37,000 – 42,000 pm.
- A stipend of AUD $28,597 p.a. (2023 rate) for up to one year during a residency at a La Trobe University campus
- A La Trobe University Full-Fee Research Scholarship, covering tuition fee relief for up to four years at La Trobe University
- Return economy airfare between Delhi and Melbourne

ASCRIN PROJECT DETAILS

Project title: Integrating Supply Chains in Smart Cities for Enhanced Community Service: A Business and Environmental Sustainability Approach

Project Team: Prof. Srikanta Routroy and Prof. Prasanta Sahu – BITS Pilani | Prof. Sean Arisian and Prof. Aniruddha Desai – La Trobe University, Australia

https://www.bits-pilani.ac.in/pilani/srikanta-routroy/ | https://www.prasantsahu.com/

Summary: This research intends to develop a framework for developing the integration of supply chains with the perspective of smart city development. It will bring a new era in the supply chain literature of integrating the supply chains and its benefits will develop a system of bringing supply chains together. Such integration will bring enhanced quality of life due to one-stop availability, conflict resolution; reduced cost to provide affordable price; decreased carbon emission with reduced transportation; transparency in real time, ensuring the security of citizens, maintaining the sustainability of the environment, and many more. This research will open an easy pathway for significant technological advancements for enterprises to gain remarkable competitive strength in the smart city.

Minimum and desirable qualifications needed: M. Tech/M.E. in Industrial / Manufacturing Systems Engineering/ Production/Mechanical/Transportation/Urban Planning/Infrastructure Planning/Operation Research

How to Apply: Send in your complete application as per the attached format to the following e-mail address.
srikanta@pilani.bits-pilani.ac.in | prasanta.sahu@hyderabad.bits-pilani.ac.in

LA TROBE UNIVERSITY

CANDIDATE DETAILS:

PERSONAL DETAILS

Title		Given Name(s)	
Gender		Family Name	
Date of birth *(dd/mm/yyyy)*			
Contact address			
Email address			
Mobile number including country code			
Country of Citizenship			
Country of Dual Citizenship (if applicable)			
Country of Permanent Residency			
Country of birth			

RESEARCH INTERESTS

Please provide up-to 10 key words that best describe your technical research interests (discipline specific interests e.g. AI/ML in Computer Science discipline, or Radio frequency design for Electrical Engineering)

EDUCATIONAL BACKGROUND

Highest Level of Education

Name of qualification/degree	Year completed	University/College	Completion Status (completed/ ongoing)	Final Grade (GPA or equivalent) if available

CURRICULUM VITAE

Attach a CV (maximum 2 pages in length) highlighting any relevant prior project / research / professional work experience including relevant publications.

STATEMENT OF PURPOSE (MAXIMUM 500 WORDS)

Please provide a personal statement of no more than 500 words. The statement should describe your personal motivation to undertake further study and can include details of your personal circumstances as well as your life and work experiences. It should emphasise any aspect of your personal history that may enhance your application, for example prior project or research and development experience, publications, extracurricular activity, community involvement, relevant personal characteristics and any outstanding academic or professional achievements.

CHECK LIST

☐ I have attached my CV (max 2 pages)

☐ I confirm that I have reviewed eligibility requirements at one Indian Home Institution and that at La Trobe

University

HOW TO SUBMIT

Email the completed form to: srikanta@pilani.bits-pilani.ac.in| prasanta.sahu@hyderabad.bits-pilani.ac.in
Also if you have any query, you should write to us.

Last date of submission: **October 15, 2023**