IIT KANPUR – LA TROBE UNIVERSITY RESEARCH ACADEMY

Date: January 16, 2024

Advertisement for a Joint PhD Position

Applications are invited for a Joint PhD position under the IIT Kanpur – La Trobe University Research Academy. This specific position is based on an Asian Smart Cities Research and Innovation Network (ASCRIN) call. ASCRIN is an interdisciplinary collaborative network which connects researchers, public sector and businesspeople with expertise to work together to improve cities in Asia.

Project Details:

Title of the Project	**Design and development of functionally stratified orthopaedic devices using advanced materials and hybrid digital manufacturing**
Project Duration	04 Years
Supervisor Name in India	**Dr. Amar Kumar Behera** Associate Professor Department of Design Indian Institute of Technology Kanpur - 208016 Email: amarkb@iitk.ac.in
Supervisor Name in Australia	**Dr. Ing Kong** Associate Professor Department of Engineering La Trobe University Melbourne Victoria 3086 Australia
Location	India and Australia

Eligibility Criteria	Applicants need to apply for a PhD program at IIT Kanpur, selecting the department of design during the application process. Once admitted to the design department using the normal recruitment, they will be processed for admission to the joint PhD position. Further details on applying for the PhD program in design are available at: https://iitk.ac.in/doaa/pgadmission/ **Essential Qualifications:** B.E/B.Tech.in Mechanical Engineering/ Materials Science/ Design/ Robotics/ Mechatronics/ Automation/Applied Mechanics/ Aerospace Engineering or other relevant areas with at least 70% marks in the aggregate or equivalent C.G.P.A. in the qualifying degree with a valid GATE score. Post-Graduate (M.E./M.Tech.) with specialization in Robotics/CAD-CAM Engg/ Mechatronics/Machine Design/Biomedical Engg./ Instrumentation and other relevant areas, with marks not below 70% in the aggregate or equivalent C.G.P.A. in the qualifying degree

	Desirable Qualifications (i) Good research potential in the related area in the form of projects/papers. (ii) Good hardware knowledge along with command on languages/platforms such as C++/C#/LabVIEW/MATLAB/ROS/ Python (iii) Excellent communication skills in English (both oral and written).

For any further information/clarifications, the applicants may contact PI by email.

Dr. Amar Kumar Behera
(Principal Investigator)
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