NARESH VASHISHT CENTRE FOR TINKERING AND INNOVATION
नरेश वशिष्ठ टिंकरिंग एंड इनोवेशन केंद्र
INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES) DHANBAD,
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Date: 21.10.2025

POSITION FOR SENIOR PROJECT ASSOCIATE

Naresh Vashisht Centre for Tinkering and Innovation (NVCTI), IIT(ISM) Dhanbad, established in 2019, is mandated to build a positive innovation ecosystem and to provide a state of art workspace to transform ideas into products, leading to successful entrepreneurship. NVCTI is looking for a "Senior Project Associate" to implement the objectives in a time-bound manner. The details of the post are as under:

Position	Senior Project Associate
Number of Position (s)	One (01)
Tenure of Post	Initially, for a period of 02 years (extendable based on annual performance)
Job Description	• Plan and execute hands-on, product/project-oriented innovation and development initiatives. • Assist in the execution of various institutional and government schemes aligned with NVCTI's goals • Capable of training undergraduates for embedded systems, tinkering projects and activities related to drones or wheeled mobile robots. • Undertake any additional responsibilities as assigned by the competent authority.
Essential Qualifications and Experience	• Master degree in sciences or Bachelor Degree in Engineering or Technology having minimum 04 years of teaching or design and development/ R&D/Industry experience.
Desirable Skills	• Minimum four years of relevant professional experience in prototyping, designing and conceptualisation of innovative projects. • Working knowledge of **Embedded Systems (PIC/ATMEL Based Boards) and Raspberry Pi** programming and applications. • Hands-on experience in **3D Design and 3D Printing**. • Hands-on Experience with CAD Packages: SolidWorks/Creo etc. • Exposure to **IoT systems**, sensor integration, and cloud platforms. • Proficient in the operation of Industrial CNC Machines, Tool and Die Making, Mould Designing, and handling of Conventional CNC/Lathes/Milling/Welding and Drilling machines. • Hands on experience with various robotic competitions across India. • Experience in Programming Languages: C/C++/Python/ROS/MATLAB
Age and Relaxation (If any)	Max. 40 years and relaxation as per the norms of the Govt of India
Emoluments	Rs. 42,000/- + HRA
Method of Recruitment	Offline
Last date and how to apply	Interested candidates are requested to apply for the position via email to nvcti@iitism.ac.in, attaching the following documents as a single PDF, on or before 2nd November 2025. 5. Updated CV 6. All the marksheets (from Xth onwards) 7. Experience certificates 8. Subject of the email application should be: **"Application for the position of Senior Project Associate under NVCTI"**

Note:

• The shortlisted candidates will be informed through email to attend the skill test relevant to the desirable skills (mentioned above) and interview.

• The shortlisted candidates will be required to bring the original certificates and supporting documents for verification at the time of interview.

• The post is purely temporary and co-terminus with the completion of the tenure of the appointment however, continuation of the person in NVCTI is subject to his/her satisfactory performance.

• For further details, candidates may contact us through email: nvcti@iitism.ac.in .

• Mere possession of the minimum qualification does not guarantee an invitation for the skill test and interview. Candidates will be shortlisted based on their merit and in accordance with the project's requirements. All the shortlisted candidates should make their own arrangements for their stay at Dhanbad to attend the physical skill test and interview. No **TA/DA** will be paid to attend the interview.