# Advertisement for various positions in the project

Applications are invited from motivated and eligible candidates for various positions in a research project titled, *"Industry-Academia Consortium for Digitization in Small and Medium Enterprises (SMEs)".*

*Brief description of the project:*

Globally, the manufacturing industry is gearing up for the next level of industrial revolution and it is called Smart Manufacturing or Industry 4.0. Smart manufacturing is where manufacturing machines and systems are self-aware, can communicate with each other, and are able to make decisions that will improve system performance. Smart manufacturing requires machines to have the ability to gather (and share) data about its condition and operation, ability to perform data analytics to understand how its condition and operation affects system performance, and decision-making ability to take actions that will improve/optimize system performance based on the gathered data. In line with this, the project aims to investigate various aspects of smart manufacturing like:
- Cyber-Physical Production System
- Industry 4.0 Standards
- Artificial Intelligence for Manufacturing
- Prognostics in Manufacturing
- Data extraction from Sensors and Controls for smart manufacturing
- Cyber (Digital) Twin Technology
- Holonic Manufacturing
- Virtual and Augmented Reality in Manufacturing
- Decentralized Shop floor Decision-making
- Agent based Systems for Manufacturing
- Cyber Security in Manufacturing, etc.
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**Available Positions:**

**(1) Project Associate-UG/PG:**

- **Eligibility:** Minimum BE/BTech/ME/M.Tech in Mechanical/Electronics/Information Technology/Computer Science with at least one-year experience on unity development or AWS or other cloud server management.
- **Stipend:** consolidated amount of Rs. 10,000-16,000 per month.
  Exact amount will be decided based on the profile of the candidate and performance of the candidate during the interaction with the candidate.
- **Duration:** The position is initially for six months (or project completion whichever is earlier) which may be extended based on the project requirement.
- **Location:** The candidate may be deputed at the location of any of the members of the project group. For details about the members, please visit at http://indacsm.iiti.ac.in/

**How to apply and other terms and conditions:**

- Please send your detailed CV at [indacsm@iiti.ac.in](mailto:indacsm@iiti.ac.in)
- **Last date for application:** 21 December 2020.
- **It is mandatory to mention the position name followed by your first and last name, in the subject of your email (For example, Project Associate-UG-Vishal Sharma)**
- No additional benefits will be provided.
- The selection/shortlisting will be solely based on the requirement of the project. Telephonic/Skype discussion with the candidate may be scheduled, if required.