# **NVCTI** (Naresh Vashisht Centre for Tinkering and Innovation)

### **Centre Highlights**

- NVCTI IIT(ISM) Dhanbad has been initiated by our distinguished Alumni and donor Shri Naresh Vashisht, and his generous contribution of 1 million dollars towards the welfare of society.
- ☐ The primary objective is to enhance the interdisciplinary skills of professionals and students across various sectors, including government organizations, academic institutions, and industry..
- Conceptualized to build a positive innovation ecosystem and to provide a state of the art workspace to transform ideas into product leading to a successful entrepreneurship.
- Activities steered by an Innovation Council (IC) comprising Student Innovation Cell (SIC), Faculty Innovation Cell (FIC), and Invited members from industries/Alumni.

#### **Facilities at NVCTI**

- ✓ Electronics & IoT Facilities
- Advanced Rapid Prototyping & Manufacturing
- ✓ Industry Robotics & Automation

- ✓ Battery Manufacturing Unit
- ✓ AR/VR Gaming & Animation



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#### INNOVATION **ACTIVITIES**



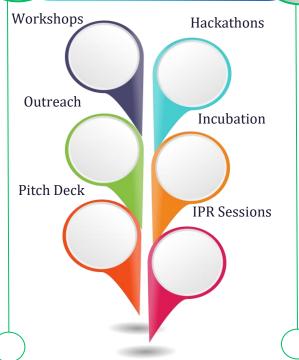
**TECHNOLOGY CLUBS** 



**CENTRE OF EXCELLENCE** 



SCHOOL INNOVATION **PROGRAM** 



**Smart Manufacturing** 

Robotics Technology

**Electronics and IoT** 

Data and Software Technology

**Animination and Game Design** 

**Electronic Mobility** 

**Finance Technology** 

**Aeronautics and Space Technology** 

**Robotics & Automation** 

Rapid Prototyping & 3D Printing

**Electronics and IoT** 

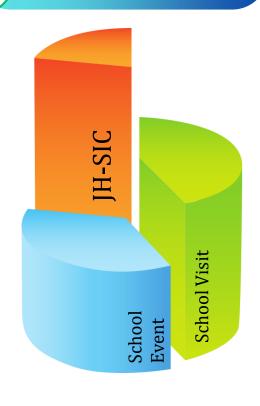
**Animation & Game Design** 

**Battery Pouch Development** 

Fab Lab

Mine Automation Centre

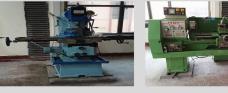
AR/ VR Development



### State of Art Innovation & Tinkering Facilities



Vertical Milling **CNC Milling** 



Lathe Machine



**Battery Development** 



**PCB** Printina



**CNC Lathe** 



3D Printing



Glove Box