



DEPARTMENT OF  
**PRODUCTION AND  
INDUSTRIAL ENGINEERING**  
BIT SINDRI, DHANBAD

# SUMMER RESEARCH INTERNSHIP PROGRAM-2026

Applications are invited for the Summer Research Internship-2026 offered by the Production and Industrial Engineering Department, BIT Sindri, for **4 to 6-week duration, June-July 2026**.  
The internship will be in offline/online mode.



## ELIGIBILITY

UG (B.E./B.Tech) and PG (M.Tech) students with minimum 7.00 CGPA from relevant branches.



## DURATION

**4 to 6 weeks,**  
tentatively during  
**June-July 2026.**  
(Final duration decided by mentors)



## CERTIFICATE

Certificate will be issued on successful completion of internship.



## APPLICATION FEE

**Rs. 1000**  
(To be paid after receiving the final offer email from the department)



## APPLICATION HIGHLIGHTS

- Work with experienced faculty mentors on cutting-edge research topics
- ✓ Gain hands-on exposure and enhance your research skills
- ✓ Strengthen your academic profile and career prospects
- ✓ Be a part of innovation, learning, and growth at BIT Sindri



For any query, please contact

**Dr. Mukesh Chandra**

Coordinator, Summer Internship  
Production and Industrial Engg.

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☎ +91-8404995995



**APPLY NOW!**

Scan the QR code to apply



Visit: <https://www.bitsindri.ac.in/production-engineering/> for faculty mentors list and more details.

**THINK • INNOVATE • EXCEL**

**EXPLORE**  
• **LEARN** •  
**INNOVATE**  
• **GROW** •

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**BIT SINDRI, DHANBAD**

***Summer Research Internship Program-2026***

Applications are invited for the Summer Research Internship-2026 offered by the Production and Industrial Engineering Department, BIT Sindri, for 4 to 6-week duration, June-July 2026. The internship will be in offline/online mode.

**1. Eligibility**

Undergraduate (B.E/B.Tech ) and postgraduate (M.Tech) students with a minimum 7.00 CGPA

**Eligible branch:** Production and Industrial Engineering, Mechanical Engineering, Mechatronics Engineering, Manufacturing Technology, Metallurgical and Materials Engineering, CSE, ECE, and other equivalent.

**2. Faculty Mentors**

The list of faculty mentors from the Production and Industrial department is available on the institution's website (<https://www.bitsindri.ac.in/production-engineering/>). The candidates may select a faculty mentor based on a match with their area of interest. The scope of training/internship and the number of contact hours can be decided by mutual consent between the faculty mentor and the student, depending on the nature of the work.

**3. Selection Procedure**

**Step 1:** Fill in the application in Google Form: <https://forms.gle/zy73zXa5ffdndN477> and upload the following document as a single PDF.

- Updated CV
- SOP for research (preferably 1 page)
- Last semester's marksheet
- NOC or Bonafide from the college authority.

The student can directly interact with the department's faculty mentor via email to obtain consent for the internship, the research topic, and other details before applying.

**Step 2:** Applications are meticulously reviewed by the respective mentor. The relevance of the applicant's background to the chosen research theme. The quality and clarity of the submitted synopsis, showcasing the applicant's understanding of the research topic.

**Step 3:** Shortlisted candidates will be invited for a virtual interaction on Meet/online call with the respective Faculty Mentors.

**Step 4:** Following the interactions, the final selection is made based on the evaluation of the candidate's profile and performance. Successful candidates will receive a formal offer letter via email.

**Step 5:** The selected candidate must give confirmation within a week by replying to the same email and submitting the internship fee. *The following documents need to be submitted with your confirmation mail:*

- Duly filled and signed application form provided in the mail
- Last semester's marksheet
- NOC or Bonafide from the college authority.
- Proof of payment as a screenshot.

#### **4. Application Fee**

After receiving the final offer email from the department, the candidate must submit the internship fee of Rs. 1000 to the institute's account via online payment banking-NIFFT or offline challan. And save the fee receipt.

**ACCOUNT DETAILS:**

- Account Name: BIT STUDENT FUND
- Bank name: SBI, BIT Sindri
- Account Number: 10635508860
- IFSC Code: SBIN0011812

#### **5. Duration of internship**

The internship duration is 4 to 6 weeks, tentatively during June-July 2026. The final duration will be decided by mentors based on the candidate's summer break.

#### **6. Financial Support**

Not available

#### **7. Certificate**

A Certificate will be issued by the respective department faculty mentor on the successful completion of the internship for the students after submission of the report to the department authority, duly signed and checked by a faculty mentor.

*For any query, please contact on above contact*

**Dr. Mukesh Chandra**

Coordinator, Summer Internship

Production and Industrial Engg.

[mukesh.prod@bitsindri.ac.in](mailto:mukesh.prod@bitsindri.ac.in)

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## Internship area/topic and mentors available

Sl. No.	Name of the Faculty Member	Area of Internship/ Research topic	Prerequisite if any
1	<b>Prof. Prakash Kumar</b> ✉prakashkr.prod@bitsindri.ac.in	Advanced Equipment Maintenance, Supply Chain Management: Market Responsiveness-Indian FMCG Sector, Adoption of Digital Supply Chain in Automobile Industry	Basic understanding of MATLAB, C++, Prolog and simple python program for Machine Learning (Any one of them); Basic understanding of Statistics, Microsoft Excel (Mandatory) ; Market Trend related to the specific sectors and Excel AI (Optional)
2.	<b>Prof. Rakesh</b> ✉rakesh.prod@bitsindri.ac.in	Unconventional machining	Basic understanding of the related afields
3.	<b>Mr. A.R. Ansari</b> ✉aransari.prod@bitsindri.ac.in	Work design ; Quality management concepts	Understanding of work design principles and its applications; Applications of quality management techniques.
4.	<b>Dr. Sumanta Mukherjee</b> ✉sumanta.prod@bitsindri.ac.in	Full Stack Development / Software Engineering; Deep Learning; Virtual Reality; CAD; Mechatronics;3D printing	Full Stack Development / Software Engineering: Next.js / React, TypeScript, Python, PostgreSQL, MQTT, Node-RED, LLM APIs, Time-series databases, Deep Learning: Python \ Virtual Reality: C++; CAD: Any CAD software + coding in any language; Mechatronics: Arduino IDE/ Familiarity with Raspberry Pi platforms 3D printing: CAD
5.	<b>Dr. Surya Narayan Panda</b> ✉snpanda.prod@bitsindri.ac.in	Simulation and Optimization, Design Optimization, Bearing Dynamics, Soft computing methods using AI/ML in Manufacturing, Predictive maintenance using AI/ML	Basic MATLAB/ Python / Ansys/ CATIA/ NX design
6.	<b>Dr. Manowar Hussain</b> ✉manowar.prod@bitsindri.ac.in	Simulation of welding processes and material characterization including design of working setup	Comsol/Ansys/Fusion 360/ Simufact/other simulation software
7.	<b>Dr. Mukesh Chandra</b> ✉mukesh.prod@bitsindri.ac.in	Robotics welding; Metal 3-D printing, AR/VR, AI/ML, Deep learning for manufacturing, Acoustic emission and signal processing.	Basics of Python/MATLAB programming and Machine learning/Comsol/Ansys; Basic understanding of TIG/MIG; robotics welding
8.	<b>Dr. Kashif H. Kazmi</b> ✉kashif.prod@bitsindri.ac.in	Additive Manufacturing and Characterization	Basic understanding of the related fields
9.	<b>Mr. Abhishek Raj</b> ✉abhishekraj.prod@bitsindri.ac.in	Additive manufacturing, AL/MI	Fusion 360 & NX, Python, Ansys