GTU/SKILLS/Intel AI for Mfg./ 1265

Date: 10ᵗʰ Feb 2025
12

Circular

Introduction of "Intel® AI for Manufacturing" Certificate Course

(for BE Semester – 6 Students – A.Y. 2024 – 25)

To,

The Principals,

Bachelor of Engineering Colleges affiliated with GTU.

We are pleased to announce the launch of the **"Intel® AI for Manufacturing" Certificate Course** developed in collaboration with Intel Technology India Pvt. Ltd for GTU students. This innovative program is designed to equip students with innovative skills in artificial intelligence (AI) and its applications in the manufacturing sector. The relevance of **Skill-Based Learning** in preparing an industry-ready workforce cannot be overstated. This course adopts a **hybrid learning approach**, effectively bridging the gap between academic knowledge and real-world industry requirements. The curriculum has been thoughtfully crafted to address current challenges in manufacturing through comprehensive training.

Objective of course: To enhance students' technical expertise in AI technologies relevant to manufacturing, and foster industry collaboration to develop AI-driven solutions for real-world manufacturing challenges.

Modalities of Course:

1. **Course Duration:** Total **64 hrs.** as per Intel Technology India Pvt. Ltd norms.

   - **Eligibility:** Students who are currently pursuing Semester 6 in A Y 2024-25 are eligible to register for this course.

   - **Phase I Theory session (Online) 28 hrs** (2 hrs weekly online 14 weeks)

   - **Phase II Hands-on training** (online / offline) of about **36 hrs** (about **last 2 weeks)**j on project development will be based on industry defined

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Head Office : GTU Campus, Nr. Visat Three Road, Visat-Gandhinagar Road, Chandkheda, Ahmedabad-382424. Gujarat, India.
Ph : +91 079-23267521/570   e-mail : info@gtu.ac.in   Website : www.gtu.ac.in

, Intel referred problem statements. The internship will be subjected to the defined modalities by the industry partner offline/online).

- The certificate course (Total about 64 hours / 16 weeks) will be conducted as per the structure defined by Intel Technology India Pvt. Ltd.

- The Certification Course (64 hours) of Learning & hands-on training (online / offline) can be considered as a summer internship (SI) (Subject Code: 3170001) for the Academic Year 2025-26. (Two weeks Summer Internship between Semester 6 and 7 as a part of GTU Curriculum)

2. **Registration: (Last Date of Registration : 18-02-2025)**

Student Registration Link	QR Code for Registration
https://aiformfg.digitalreadiness.org/	

3. **Steps to Register:**

1. Go to https://aiformfg.digitalreadiness.org

2. If Student has not already registered, click 'Register' otherwise click 'Login'. Please fill required details in the form.

3. Students must fill their own college's faculty member's code according to their department in the faculty code field. (Once you fill in the email id, you will be able to see the Faculty Code field). The list of the empanelled faculty members along with their faculty code is available at https://aiformfg.digitalreadiness.org/FacultyCode.

4. If any certified mentor is not available from your college, you can request your Head of Department to submit a request to Intel on the following link to facilitate the faculty sign up process.

   Link for Faculty Members - https://bit.ly/intel-aiforfw-gtu

5. **Note:** It is mandatory that the students must have faculty mentors for the said course who have undergone the FDP conducted by GTU and Intel Technology India Pvt. Ltd.

4. **Payment:**

This certificate course will be provided at NO COST (only this "Intel® AI for Manufacturing" Certificate Course -64 hrs) to all the eligible students.

5. **Certificate:**

After successful completion of the course provided students has submitted all weekly assignments and final project report, the student will receive the completion certificate from Intel Technology India Pvt. Ltd.

6. **Mentorship Role of faculty:**

- Institute faculty members should facilitate and mentor their students throughout the certificate course, including evaluating assignments, and reports, and supporting them during the Summer Internship (SI) through the program portal. This includes helping students select appropriate courses and advising on career prospects after completing the Intel® AI for Manufacturing program.

- Mentors must regularly collect feedback, monitor attendance in online sessions, and ensure timely submission of assignments, reports, and other activities. They should also ensure students participate in assessments and evaluations as scheduled by Intel to successfully complete the course.

- Institute faculty mentor list is available on Intel portal.

7. **Submission of Report & Certificate by the student to the Institute:**

- The student need to prepare a final project report based on the activities carried out / work done during the certificate course and submit the same to Intel AI for Manufacturing LMS Portal.

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GUJARAT TECHNOLOGICAL UNIVERSITY
(Established Government of Gujarat under Gujarat Act No. : 20 of 2007)
(Accredited with A+ Grade by NAAC)
ગુજરાત ટેકનોલોજિકલ યુનિવર્સિટી
(ગુજરાત સરકારના ગુજરાત અધિનિયમ ક્રમાંક : ૨૦/૨૦૦૭ દ્વારા સ્થાપિત)

- Students can avail their Certificate of Completion after they submit all weekly assignments & final project report on the Intel AI for Manufacturing LMS Portal.

- Students must follow the guidelines as per GTU norms of summer Internship (SI) of Subject Code: 3170001 for the report writing, submission, approval, and evaluation on the GTU PMMS portal as required for such cases where the student is taking the Intel AI for Manufacturing Course as Summer Internship.

8. Administrative Responsibility:

- Institute principals and faculties must ensure timely entry of marks into the GTU portal and complete all formalities on the PMMS portal.

9. Important Information:

- It is at the sole discretion of the student to choose the option of **Intel® AI for Manufacturing** as a skill enhancement opportunity in line with optional means for Summer Internships (SI).

- The final decision on student enrolment in the Intel® AI for Manufacturing certificate course rests solely with Intel on their needs and the availability of seats maximum up to 1000 (one thousand) students on first come first serve basis. GTU and its affiliated institutions do not have any role in this decision.

- **Intel® AI for Manufacturing** is for providing skill enhancement opportunity to provide skill enhancement opportunities in line with the existing GTU subject of Summer Internship (Subject Code 3170001)

- Students are obliged by the rules and regulations laid out by Intel circulated from time to time during the entire period of the certificate course.

- Intel Technology India Pvt. Ltd. will share the list of registered students with GTU.
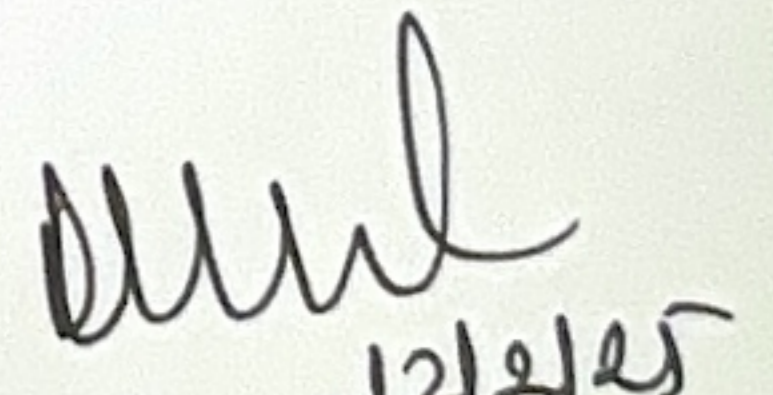
- Eligible enrolled students will have access to the Intel AI for Manufacturing LMS Portal for weekly assignments, quizzes, and submissions, following the guidelines provided by Intel experts through the portal.

- Students opting for this course will be responsible for attending the online learning sessions and are required to complete all weekly assignments and submit them within the course timeline.

- Students will either work on the problem statement given by Industry Partners or refer to the problem statements available on the program portal & submit the final project report to fulfil the course requirement.

- A group of 3-5 students can work as team on problem statement & submit their final project report. Projects developed during the course will be eligible to showcase as Summer Internship Projects.

- **Registration Deadline for students on Intel LMS portal : 18-02-2025**

In case of any enquiry, the institute may contact to GTU SKILLS / ITAP section, GTU or Intel Digital Readiness Program Manager through:-

GTU SKILLS Email ID: skills@gtu.edu.in **/ 079-23267672**

GTU ITAP Email ID: itap@gtu.edu.in **/ 079-23267550**

Intel Digital Readiness : support@digitalreadiness.org **/ 9687047267**

Registrar 12/2/25

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