



MEMORANDUM OF UNDERSTANDING

BETWEEN

NATIONAL INSTITUTE OF TECHNOLOGY, GOA

&

**INDIAN INSTITUTE OF TECHNOLOGY
MANDI (H.P.)**

FOR

**ACADEMIC, RESEARCH COLLABORATIONS, STUDENTS EXCHANGE &
JOINT DEGREE PROGRAMMES**

MEMORANDUM OF UNDERSTANDING
BETWEEN
NATIONAL INSTITUTE OF TECHNOLOGY, GOA
AND
INDIAN INSTITUTE OF TECHNOLOGY, MANDI (H.P.)

This is a Memorandum of Understanding (MoU) dated 22nd June, 2023

between

National Institute of Technology Goa a premier academic Institution of Repute, incorporated under National Institute of Technology Act, 2007, having its permanent campus and office at **Farmagudi, Ponda, Goa - 403401.**

and

Indian Institute of Technology, Mandi is one of the 23 IITs created to be Centres of Excellence for training, research and development in science, engineering and technology in India and declared as an Institution of National Importance under the “**Institutes of Technology (Amendment) Act, 1961**” having its permanent campus and office at Indian Institute of Technology Mandi, Kamand Campus, VPO Kamand, Distt. Mandi - 175075 Himachal Pradesh

National Institute of Technology Goa (NIT Goa) and Indian Institute of Technology Mandi (IIT Mandi) have agreed to the following protocols governing their collaboration on academic and research activities.

1. Scope

The scope of collaboration on academic and research activities in this Memorandum of Understanding includes the following categories.

- (i) Academic and Research collaboration in the areas of mutual interest. It is expected that this collaboration will in due course lead to collaborative research projects, joint supervision of PhD students, organization of joint workshops and seminars, etc.
- (ii) Exchange of students and faculty, exchange of academic information, scholarly information, materials and publications;
- (iii) **Admission of NIT Goa students for direct PhD /early PhD at IIT Mandi /Joint PhD/PG, subject to the existence of the policy approved by the appropriate body of the host Institution.**

2. Research Collaboration

Faculty from both Institutions will collaborate in the supervision of exchange students and in joint research in discipline of mutual interest. All such joint research activities will be governed by the terms as given below:

- 2.1** Proposals for collaborative research work under this Memorandum will be submitted with the prior approval of the Head of each Institution, or his/her nominee.
- 2.2** Each Institution will nominate one of its members as its representative in charge of the cooperative programme. Individual programme of work under this Memorandum will be jointly planned and conducted by the nominees of both Institutes.
- 2.3** Progress of work of any individual programme will be reviewed and approved by designated authorities of both Institutes.
- 2.4** The final approval of any project will depend on the availability of guaranteed support funds.
- 2.5** Neither NIT Goa nor IIT Mandi will be held responsible for any liability to the other party, and neither party shall be required to purchase any insurance against loss or damage to any property due to activities to which this agreement relates.
- 2.6** Every collaboration will have its own agreement/contract which addresses issues such as IPR, funding pattern, usage policies of research facilities, disclosure of information etc.

3. Students and Faculty Exchange

Both the Institutes will encourage exchange of B.Tech, M.Tech students, and faculty according to the terms laid out here. It is desired by both the parties that there will be significant flow of students/faculty in both directions.

- 3.1** Students under the exchange programme will be classified as special exchange students. Special exchange students will be permitted to take courses on credit/audit, as well as participate in research activities/internships/project work.
- 3.2** In any case, the consent of the teacher/project supervisors/research supervisors is required. Such consent will take into account among other things whether the student has pre-requisites for the course/project.
- 3.3** Neither Institution will require admission or tuition fees of exchange students for a short duration; however, they will have to pay the lodging and boarding charges.

The exchange visit of students for a semester or beyond will be decided based on the terms and conditions mutually decided by both the parties.

- 3.4 Course credits and grades earned will be determined by the home Institution based on the grade report from the host Institution.
- 3.5 The number of students and duration of stay will be worked out on a case to case basis.
- 3.6 Participants may not spend more than one year normally in the exchange programme.
- 3.7 Participants will be subjected to the rules and regulations of the host Institution and availability of the resources.
- 3.8 The faculty of NIT Goa may also apply for suitable postdoc positions/any other opportunities available at IIT MANDI subject to other terms and conditions of NIT Goa for relieving the faculty.

Selection and Nomination

The selection and nomination of students is open throughout the academic year. The student nomination should be accompanied by

- (i) Curriculum vitae
- (ii) Statement of aptitude from a member of the student's school/faculty.
- (iii) A specific outline of the programme of study at the host Institution and a statement of objectives of the students.

When a nomination is forwarded by the home Institution, it is presumed that the sending Institution considers the students suitable for the proposed program and consents to send the students if selected by the host Institution.

The host Institution will evaluate the nominations and determine their suitability for selection under the student Exchange Programme.

Where the exchange student is pursuing a research or implementation project as part of the UG/PG/PhD, (or equivalent) degree programme, the host Institution will provide a suitable faculty member to jointly assist (along with supervisor in the parent Institution) the exchange student in formulating research project or jointly supervising the exchange student in the event that a research project has already been identified.

The host Institution will inform the home Institution of any academic or other problems that may arise during the period of student's residence in the host Institution. The host Institution with the home Institution will deal with such problems.

4. Direct Ph.D Admission

Providing an opportunity to the students currently pursuing Bachelor of Technology (B.Tech.) to explore the option to undertake courses in IIT Mandi and be considered for early admission to the PhD programme at IIT Mandi.

This scheme is intended to enable meritorious National Institute of Technology Goa (NIT Goa) B.Tech students to carry out part of their studies including project work at IIT- Mandi and offer an opportunity for direct admission to PhD without the need to qualify GATE or any other national level examination. This will enable **"early admission" to PhD for NIT Goa** B.Tech students as early as at the end of their 6th semester. It is envisaged that this scheme will also help NIT Goa students to enhance their chances for qualifying for the PMRF fellowship for PhD at IIT Mandi.

- 4.1. Under this scheme, NIT Goa students who have a CGPA of 7.5 at the end of their sixth semester (three years), will be eligible to apply for a project in summer and complete their fourth year (7th and 8th semesters), at IIT Mandi, and then be considered for an early admission into the PhD program at IIT Mandi, subject to maintaining an overall CGPA of 7.5 in UG degree.
- 4.2. All applications will be received through a portal set up for this purpose. They will submit their transcript, and other academic records and achievements, and documentary evidence of any research or internship experience.
- 4.3. Upon selection, through a selection committee set up for the purpose, the students will have an offer of admission to the PhD program. The students are expected to demonstrate sufficient merit in coursework, project work and/or research during their 7th and 8th semesters of B.Tech to continue to join the PhD program. If the performance of the students is not up to the mark as per the guidelines of IIT Mandi, the students will be sent back to NIT Goa with the credits earned.
- 4.4. Students will actually join the PhD program only after completion of all graduation requirements at NIT Goa, which would be typically in the month of July. All shortlisting criteria and admission criteria must be satisfied by the student at the time of joining as well. Requirement of GATE is waived off, since the student will enter IIT with a minimum CGPA of 7.5.
- 4.5. During the stay in IIT MANDI, the student will have the status of Visiting Student, and will enjoy all the privileges of a full-time student in IIT Mandi.
- 4.6. During the stay in IIT MANDI, the student may take courses to satisfy the credit requirements for their B.Tech registration in their parent institution (NIT Goa). IIT MANDI will certify the completion of the courses and the grades obtained in them including project work done at IIT MANDI.
- 4.7. In all academic/project work undertaken in IIT MANDI, transcript will be provided with relevant credits, however, consideration of these credits and mapping to the letter grades will be up to NIT Goa as per their grading system. Students may also undertake additional credits as Pre-Ph.D. courses for their PhD program, during their stay (in a regular semester) at IIT Mandi.

4.8. During their stay in IIT Mandi as a Visiting Student, IIT MANDI will not be charging any academic fees to the student, except fixed charges as applicable, since these students will be paying their regular academic fees in their parent Institution. Being B.Tech degree students, IIT MANDI will be providing either on-campus or off-campus hostel accommodation during the one-year period. Hostel fees will be charged at regular rates.

4.9. Students coming under this program will not be entitled for participation in the Training & Placement process in IIT Mandi or NIT Goa, once they register as full-time PhD students. This will be clearly stated in their offer of admission.

5. Commencement, renewal, termination and amendment

This MoU will come into force upon affixing of the signatures of the representatives of the partner Institutions and will remain in effect for five (5) years. This MoU may be renewed upon its expiry, with the agreement of both the partner Institutions. If either partner Institution wishes to terminate the MoU at the end of five years, it must notify the other Institution not less than six months prior to the expiry of the MoU.

This MoU or its renewal and the actions taken under it may be reviewed at any time. Modifications may be made by mutual agreement and any amendment or extension to the agreement may be formalized by the exchange of letters between the two parties.

Signed by



Director
Indian Institute of Technology Mandi
Himachal Pradesh
Date:

Signed by



Director
National Institute of Technology Goa
Farmagudi, Goa
Date:

Witness

1) Anve 22/6/2023

2) Amit Jaiswal.

1) Lalat Indu Girri
Asst. Prof. ECE, NIT Goa

2) Amit Kabiraj
Asst. Registrar, NIT Goa