

MEMORANDUM OF UNDERSTANDING **(MoU)**

BETWEEN



PUNJAB ENGINEERING COLLEGE
CHANDIGARH

&



विद्यया न सर्वं धनं प्राप्यते

भारतीय प्रौद्योगिकी
संस्थान जम्मू
**INDIAN INSTITUTE OF
TECHNOLOGY JAMMU**

INDIAN INSTITUTE OF TECHNOLOGY
JAMMU

FOR

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

Place: Jammu

Date: 29th April 2024

MEMORANDUM OF UNDERSTANDING
BETWEEN
PUNJAB ENGINEERING COLLEGE, CHANDIGARH
AND
INDIAN INSTITUTE OF TECHNOLOGY, JAMMU

Punjab Engineering College (Deemed to be University), having its registered address at Sector-12 Chandigarh – 160012, India (hereinafter referred to as **PEC Chandigarh**) is a premier Academic Institute under the control of the Government of India through the Chandigarh Administration. It is engaged in the field of education and research particularly in engineering and technology and applied sciences.

and

The Indian Institute of Technology Jammu (hereinafter referred to as **IIT Jammu**), recognized as an "Institute of National Importance" under the "Institutes of Technology Act" of 1961, is an autonomous public higher education Institute funded by the Government of India, and functions under the governance of the IIT Council. IIT Jammu was inaugurated on 6th August 2016 and is located in its permanent campus and office at **IIT Jammu, Jagti, NH-44, PO Nagrota, Jammu – 181221, Jammu & Kashmir, India.**

Punjab Engineering College, Chandigarh, (**PEC Chandigarh**) and Indian Institute of Technology Jammu (**IIT Jammu**) 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) Collaborative research projects in areas of common interest, 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 as per the rules of both the institutes and consent of involved persons.
- (iii) Admission of the students of PEC Chandigarh for direct or early M.Tech./Ph.D. at IIT Jammu, subject to the existence of the policy approved by the appropriate body of the host institution. The applicable rules and regulations shall be determined and as approved by the respective Senates of both the institutes in concurrence with one another.

2. Research Collaboration

Faculty from both Institutions will collaborate in the supervision of exchange students and in joint research in disciplines 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 programmes 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 PEC Chandigarh, nor IIT Jammu 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 in this MoU. It is expected by both the parties that there will be a significant flow of students/faculty in both directions.

- 3.1 Students under the exchange programme will be classified as "Exchange students". The 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 such cases, prior consent of the teacher/project supervisors/research supervisors must be obtained. Such consent will take into account, among other things, whether the student has pre-requisites for the course/project.
- 3.3 Neither institution will levy admission or tuition fees on exchange students studying for a short duration in a particular semester. However, their short-term stay will be subject to lodging and boarding charges. The exchange visits of students for a full semester or more shall be decided on the basis of the terms and conditions mutually agreed upon by both the parties.
- 3.4 Course credits and grades earned will be determined by the home institution based on the grade report issued by 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 adhere to the rules and regulations of the host institution and adjust to available resources by conforming to appropriate guidelines.
- 3.8 The faculty of PEC Chandigarh, may also apply for suitable postdoctoral positions or any other similar opportunities available at IIT Jammu. Availing any such opportunity at IIT Jammu will be subject to administrative terms and conditions of PEC Chandigarh, in regard to relieving the faculty of their regular duty in the parent institution.

Selection and Nomination

Applications will be invited from the students of PEC Chandigarh for the exchange program. The selection and nomination of students is open throughout the academic year. The nomination of students shall 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 intended at the host institution, and a statement of objectives of the study program.

It is presumed that, when a nomination is forwarded to the host institute, the home institute considers the nominated student to be adequately suitable for the proposed program, and consents to send the student if selected by the host institution.

The host institution will evaluate the nominations and determine their suitability for selection under the 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 the supervisor in the parent Institution) the exchange student in formulating a 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 for a student during the period of his/her residency in the host institution. The host institution in cooperation with the home institution will deal with and try to manage such problems.

Course Identification and Course Credit

The identification of courses available and offered at IIT Jammu, which may be considered equivalent in standard to courses taught at PEC Chandigarh for the completion of credit requirements of the B. Tech. program of PEC Chandigarh, will be decided by the appropriate Academic Bodies of PEC Chandigarh, for each individual student, in concurrence with decisions taken by the relevant Departments/Disciplines at IIT Jammu.



4. Direct M.Tech/Ph.D Admission

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

This scheme is intended to enable meritorious B.Tech students of PEC Chandigarh, to carry out part of their studies, including project work, at IIT Jammu and secure an opportunity for direct admission to M.Tech/PhD without the need to qualify GATE or any other national level examination. This will enable qualified B. Tech. students into the M.Tech./PhD programme as early as the end of their 6th semester. Students under the Direct M.Tech./Ph.D. programme will be classified as "Visiting students" till the completion of their B.Tech. Degree. It is envisaged that this scheme will also help the students of PEC Chandigarh to enhance their chances of qualifying for the PMRF fellowship for PhD at IIT Jammu.

4.1 Student Selection: Under this scheme, students of PEC Chandigarh who have a CGPA of 7.5 at the end of their sixth semester (end of third year), will be eligible to apply to IIT Jammu and complete their fourth year (7th and 8th semesters), at IIT Jammu, and then be considered for an early admission into the M.Tech./PhD program at IIT Jammu, subject to maintaining an overall CGPA of 7.5 in UG degree. However, having a CGPA of 7.5 does not guarantee their selection in the early-induction PhD program at the IITJMU.

All applications will be received through a portal set up for this purpose, through which they will submit their transcripts, and other academic records and achievements, and documentary evidence of any research or internship experience.

Upon selection, through a selection committee set up for the purpose, the students will have an offer of admission to the M.Tech./PhD program. The students are expected to demonstrate sufficient merit in course work, project work and/or research during their 7th and 8th semesters of B.Tech in order to continue towards getting the offer of admission into the M.Tech/PhD program. If the performance of the students is not up to the mark as per the guidelines of IIT Jammu, the students will be required to withdraw from the programme and return to their home institute PEC Chandigarh, along with the credits earned. During their stay through the 7th and 8th semesters in IIT Jammu, the students will have the status of a Visiting Student, and will enjoy all the privileges of a regular full-time student at IIT Jammu.

4.2 Non-completion of B. Tech. Requirements at IIT Jammu

If a visiting student's performance is found unsatisfactory at the host institution (that is, unable to maintain an overall average grade point of 7.5 on the scale of 10), the student shall be transferred back to the home institution (PEC Chandigarh) along with credits earned. Such a student will not thereafter be considered for the early induction M.Tech/PhD programme at IIT Jammu. However, any such student back to PEC Chandigarh will be entitled to get the B. Tech. degree, provided he/she completes all the requirements of the B. Tech. programme at PEC Chandigarh.

- 4.3 During their stay through the 7th and 8th semesters in IIT Jammu, the students may take appropriate courses to satisfy the credit requirements for their B.Tech registration in their parent institution (PEC Chandigarh). IIT Jammu will certify the completion of the courses and the grades obtained, including project works done at IIT Jammu. The courses to be taken by the student at the host institution must be discussed well in advance with the relevant person of contact (preferably Dean of Academics) at the home institute, so that there is no repetition of any courses during the 7th or 8th Semester. It is the responsibility of the visiting student to coordinate with both the institutes and become familiar with the courses to be offered in the 7th and 8th semesters at IIT Jammu. They must ensure that these courses are suitable for the eventual award of B.Tech degree by PEC Chandigarh. In case a particular course has already been completed at the home institution, the host institute may offer alternative suitable courses after the respective HoDs/Faculty Advisors of both the institutions mutually agree on the appropriate choice of alternative courses.
- 4.4 Students will join the M.Tech/PhD program only after the completion of all graduation requirements at PEC Chandigarh, 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 PhD as well. Requirement of GATE will be waived, given that a minimum CGPA of 7.5 is a necessary condition for admission into the M.Tech/PhD programme of IIT Jammu.
- 4.5. For all academic/project work undertaken at IIT Jammu, transcripts will be provided with relevant credits. However, the calculation of these credits for the purpose of mapping them on to the letter grades will be left to PEC Chandigarh, as per their grading system. Students may also undertake Pre-Ph.D. courses for earning additional credits for their M.Tech/PhD program, during their stay (in a regular semester) at IIT Jammu. Students can later claim these courses for their M.Tech/PhD degree requirement. However, such courses shall not be used for the award of B.Tech degree at PEC Chandigarh, and a certificate of commitment to this effect shall be submitted by the student.
- 4.6. Students coming under this program will not be entitled for participation in the Training & Placement process and campus placement for UG students in IIT Jammu or in PEC Chandigarh. This condition will be clearly stated in the letter offering admission.
- 4.7 By default, the admission is an entry into a "Direct PhD programme" for a student who satisfies all the prerequisites of admission laid down by IIT Jammu. However, a student will have an exit option, with an M. Tech. Degree, after two years of study in the programme, provided the credit requirements for the award of an M. Tech. Degree by IIT Jammu are fulfilled by the student.




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 before five years, it must notify the other institution not less than six months prior to the expiry of the MoU. In any case, if there are students pursuing their final year courses, they will be allowed to complete the program as agreed upon and will qualify for M.Tech/Ph.D. as envisaged in the original MoU.

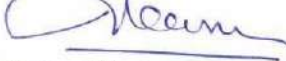
This MoU or its renewal and the actions taken under it may be reviewed at any time. Modifications may be made by mutual agreement and any amendment or extension to the agreement may be formalized by the exchange of letters between the two parties.

Signed by:


(Prof. Manoj Singh Gaur)
Director
Indian Institute of Technology, Jammu
Jammu & Kashmir

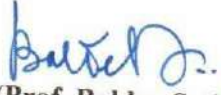
Date: 29 April 2024

In presence of:

Witness 
Indian Institute of Technology Jammu



Signed by:


(Prof. Baldev Setia) 29.04.2024
Director
Punjab Engineering College,
Chandigarh

Date:

Witness 
(Prof. ARUN KUMAR SINGH)
Punjab Engineering College, Chandigarh

Institute Seal

