



Memorandum of Understanding

Between

**National Institute of Technology Uttarakhand
&
Indian Institute of Technology Ropar**



This Memorandum of Understanding (MoU) is made between:

- (A) National Institute of Technology, Uttarakhand (NITUK), located at Srinagar (Garhwal), Uttarakhand – 246174, India and
- (B) Indian Institute of Technology Ropar (IIT ROPAR), located at Rupnagar, Punjab-140001, India .

National Institute of Technology, Uttarakhand (NITUK), and Indian Institute of Technology Ropar (IIT Ropar) are two leading centrally funded Institution of Higher and Technical Education in the country. To promote Academic and Research cooperation and the developmne of these two institutions as centres of Excellence of Higher and Technical Education and Scientific Reserach, the two Institutions agree to the follwoing broad terms of cooperation:

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, joint workshops and seminars, etc.
- (ii) Exchange of students and faculty; exchange of academic information, scholarly information, materials and publications;
- (iii) IIT Ropar will help NIT UK students for admission in Ph.D. programme through direct entry and/or M.Tech degree from NIT UK.

2. Research Collaboration

Faculty from both Institutions will collaborate in the supervision of exchanged 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 programme of work under this Memorandum will be jointly planned and conducted by the nominees of both parties.
- 2.3 Progress of work of any individual programme will be reviewed and approved by designated authorities of both parties.
- 2.4 The final approval of any project will depend on the availability of guaranteed support funds.
- 2.5 Neither NITUK nor IIT ROPAR will be held responsible for any liability to the 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

Pursuant to the agreement for academic exchange, NITUK and IIT ROPAR will exchange B.Tech, M.Tech students, research scholars (Ph.D. Students) and faculty according to the terms laid out here. It is desired by both 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 under this MoU.
- 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 home duration 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.
- 3.8 The faculty of NITUK may also apply for suitable postdoc positions/any other opportunities available at IIT ROPAR subjected to other terms and conditions of NITUK 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 purposed 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 B.Tech, M.Tech, M.Sc. or 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 ROPAR and be considered for early admission to the Ph.D. programme at IIT ROPAR.

This scheme is intended to enable meritorious National Institute of Technology Uttarakhand (NITUK) B. Tech students to carry out part of their studies including project work at IIT ROPAR and offer an opportunity for direct admission to Ph.D. with qualified GATE or any other national level examination. This will enable "early admission" to Ph.D. for NITUK B.Tech. students as early as the end of their 6th semester. It is envisaged that this scheme will also help NITUK students to enhance their chances for qualifying for the PMRF fellowship for PhD at IIT ROPAR.

- 4.1** Under this scheme, NITUK students who have a CGPA of 8.00 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 ROPAR, and then be considered for an early admission into the Ph.D. program as per IIT ROPAR rules.
- 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 Ph.D. 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 ROPAR, the students will be sent back to NITUK with the credits earned.
- 4.4** Students will actually join the PhD program only after completion of all graduation requirements at NITUK, 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.

- 4.5 During the stay in IIT ROPAR, the student will have the status of Visiting Student, and will enjoy all the privileges of a full time student in IIT ROPAR.
- 4.6 During the stay in IIT ROPAR, the student may take courses to satisfy the credit requirements for their B. Tech. registration in their parent institution (NITUK). IIT ROPAR will certify the completion of the courses and the grades obtained in them including project work done at IIT ROPAR.
- 4.7 In all academic/project work undertaken in IIT ROPAR, transcript will be provided with relevant credits, however, consideration of these credits and mapping to the letter grades will be up to NITUK 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 ROPAR.
- 4.8 During their stay in IIT ROPAR as a Visiting Student, IIT ROPAR will be charging academic fees to the student as per IIT Ropar's non-degree programme rules alongwith fixed charges as applicable. Being B.Tech degree students, IIT ROPAR 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 ROPAR or NITUK, 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.

i. Contact Persons:

Signature: [Handwritten Signature]

Date: 21/06/2022

Name: Prof. Lalit K Awasthi

Designation: DIRECTOR (Prof. Lalit Kumar Awasthi)

Contact Details: Prof. Lalit Kumar Awasthi

Email ID: director@nituk.ac.in

Prof. Lalit Kumar Awasthi
Director
National Institute of Technology
Uttarakhand

Signature: [Handwritten Signature]

Date: 21-06-2022

Name : Prof. Rajeev Ahuja (Prof. Rajeev Ahuja)

Designation: DIRECTOR (Director)

Contact Details: Indian Institute of Technology Ropar

Email ID: director@iitrpr.ac.in

Prof. Rajeev Ahuja
Director
Indian Institute of Technology Ropar
Rupnagar, Punjab-140001

Witness 1
Name: [Handwritten Signature]
H. Harsharan

Witness 2
Name: [Handwritten Signature]
21/06/22

Witness 1
Name: [Handwritten Signature]
Navin Kumar
21.06.2022

Witness 2
Name: [Handwritten Signature]
Dr. Smita