



MEMORANDUM OF UNDERSTANDING  
BETWEEN  
NATIONAL INSTITUTE OF  
TECHNICAL TEACHERS TRAINING AND RESEARCH (NITTTR), CHANDIGARH  
AND  
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

This Memorandum of Understanding (MOU) is made and entered into this day  
\_\_\_\_\_, 2023.

BETWEEN

National Institute of Technical Teachers Training and Research, Chandigarh  
(hereinafter referred to as NITTTR), Sector 26, Chandigarh, Pin- 160019 on the ONE  
PART

AND

Indian Institute of Technology – Roorkee (hereinafter referred to as IITR), a public  
technical university located in Roorkee, Haridwar district, Uttarakhand-247667,  
OTHER PART

1 PREAMBLE

- 1.1 WHEREAS NITTTR, Chandigarh was established by the Ministry of Education, Government of India with several objectives viz. training teachers of polytechnics (and Engineering Colleges, as added later on) through different types of courses, fostering and promoting research in improving classroom and laboratory instruction, preparing and supplying teaching aids and instructional materials, associating with other academic bodies of technical education to achieve quality improvement in academic programs, collaborating with institutions and organizations in India and abroad having similar objectives and functions, and interacting with industries in formulating training programs of mutual interest. NITTTR Chandigarh has 12 departments covering Engineering, Science, Curriculum, Education, Rural Development and Management programs. The institute offers ME and Ph.D. programs in 5 major Engineering disciplines as well as Management.
- 1.2 AND WHEREAS IIT Roorkee is among the foremost institutes of national importance in higher technological education, and fundamental and applied research. Institute also has dedicated departments catering to high-quality research and education in management, architecture and planning, and, humanities and social sciences. Since its establishment, the Institute has played a vital role in providing technical manpower and know-how to the country and in pursuit of research. The Institute ranks amongst best technological institutions in the world and has contributed to the development of all technological domains. Institute provides research and consultancy services to industries and provides educational training to working professionals through its E-learning and Continuing Education Center (CeC).
- 1.3 NITTTR, Chandigarh, and IITR are individually referred to as the "Party" and collectively referred to as the "Parties"

*Abhakar Singh*

*R. K. Singh*

- 1.4 Recognizing the need to provide adequately and appropriately trained technical manpower to meet the growing needs of industries and institutions, the Parties agree to collaborate/coordinate with each other with a view to enriching the quality of the technical teachers' education and training. The Parties now have therefore agreed to enter in writing the areas of consensus under an agreement.

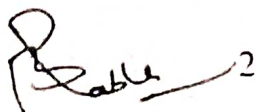
## 2. PURPOSE OF AGREEMENT

- 2.1 The goal of this cooperation is to foster collaboration, and to facilitate the advancement of knowledge & training on the basis of reciprocity, best effort, mutual benefit, and frequent interactions, IITR & NITTTR agree:
- To exchange information on research and educational programs,
  - To exchange information on teaching, learning material, and other literature relevant to their educational and research programs,
  - To jointly organize short-term continuing education programs, seminars, conferences, and workshops on topics of mutual interest to invite each other's faculty/scientists to participate therein,
  - To jointly propose and engage in research or training programs sponsored by funding agencies, and to invite each other faculty to participate therein,
  - To exchange on a reciprocal basis, students for limited periods of time for the purpose of education and /or research
  - To facilitate the Ph.D. registration of NITTTR Ph.D. students in IITR's doctoral program as per IITR rules and regulations, IITR may recognize NITTTR as their Research cum Skill Development center where students may carry out their research and skill development activities. This extension center will also be utilized for facilitating the industry and social outreach of IIT Roorkee.
- 2.2 IITR and NITTTR agree that detailed terms and conditions that guide each activity identified above will be separately determined and agreed upon by the two institutions. These terms shall include a technical description of the proposed activity, financial arrangements, person(s) responsible for its implementation, etc.

## 3 SCOPE OF WORK:

- 3.1 NITTTR and IITR will explore the possibility of jointly offering credit-based training Programs in specific areas at various levels will lead to the award of certificates/PG Diploma/Advanced Diploma/Diploma/ Post Graduate Degree certified by IIT Roorkee. The curricula and assessment criteria will be designed jointly by NITTTR and IIT Roorkee.
- 3.2 NITTTR in collaboration with IIT Roorkee would like to offer MTech/MS programs on Educational Engineering/Engineering Education/Any such areas relevant to teachers' quality improvement.
- 3.3 IITR and NITTTR agree to encourage collaboration between faculty and scientists from The two institutions. The terms and conditions for each visit or assignment, including those concerning stipend, travel, and housing will be worked out between the concerned faculty member and the institution extending an invitation.







- 3.4 Notwithstanding the above, IITR and NITTTR will examine ways to identify financially resources to fund international travel by their faculty/scientists/students.
- 3.5 IITR and NITTTR agree that student exchange will be guided by the principles listed below:
- IITR Ph.D. admission rules and regulations will be followed while admitting Ph.D. students of NITTTR.
  - Involvement of IITR faculty members in the selection process of Ph.D. students at NITTTR will be considered.
  - Faculty members of IITR will be involved as co-supervisors for the Ph.D. students of NITTTR.
  - NITTTR Ph.D. students will follow the IITR Ph.D. Rules and Regulations for academic-related matters.
  - NITTTR Ph.D. students will pay the tuition fee at IITR.
  - The Ph.D. students in one partner institute may carry out the course work in the other partner institute with credit transfer with the recommendation of the Student Research Committee at IITR.
  - Home institution refers to the institution where a student is a full-time student, and from where he/she is expected to graduate. A host institution refers to an institution that receives a student for a brief period of time to undertake a pre-determined program of study or research.
- 3.6 NITTTR Chandigarh will train the newly joined faculty members in Northern states in collaboration with the Continuing Education Centre of IIT Roorkee.
- 3.7 IITR and NITTTR agree to help identify and invite faculty members/ Scientists from the other institutions to participate in research or development programs already sponsored by external funding agencies. The terms and conditions for such participation will be worked by mutual agreement between the faculty member(s) and the institution extending such an invitation.
- 3.8
- NITTTR agrees to host scientific instrument(s) from IITR on a best-effort basis for the mutual benefit of faculties and students of both institutions.
  - Both the parties agree to allow the faculty and students of both institutions to use the equipment available in laboratories as per the prevailing norms of the institutions.
- 3.9 The two institutes will organize joint conferences or symposia on subjects of mutual interest.
- 3.10 The two institutes will organize International Training programs in the mutually agreed areas. IITR and NITTTR agree to help identify and invite faculty members from the other institution to participate in conferences, workshops, and short-term courses. The terms and conditions for such participation will be worked out by mutual agreement between the invited faculty member(s) and the institution extending such an invitation.
- 3.11 The two institutes will undertake any other joint academic activity which is beneficial to the two institutions and is mutually agreed to from time to time.
- 3.12 IITR and NITTTR will exchange information on research and educational programs and teaching/learning material and other literature relevant to their educational and research programs. Further, IITR and NITTTR agree to explore ways to share teaching/learning material, and other relevant literature, while respecting each other's intellectual property and other rights.



#### **4.0 Financial Agreement**

- 4.1 Both Institutions shall extend mutual support as detailed above. In Programs through which revenue is generated, the surplus revenue after costs shall be shared in a manner agreed upon by the two institutes.

#### **5.0 Intellectual Property**

- 5.1 IITR and NITTTR agree to respect each other's rights to intellectual property. Further, the Intellectual Property Rights (IPR) that arise as a result of any collaborative research or activity under this MoU will be worked out on a case-to-case basis and will be consistent with officially laid down the IPR policies of the two institutions.

#### **6.0 Co-ordination**

- 6.1 Each institution shall appoint one member of its teaching/research faculty to coordinate the program on its behalf. Further, a coordination committee, consisting of (a) Director, IIT Roorkee, or his/her nominee, (b) Director, NITTTR or his/her nominee, (c) Program coordinator from the side of IITR, and (d) Program Coordinator from the side of NITTTR will periodically review and identify ways to strengthen cooperation between the two institutions.

#### **7.0 Terms and Conditions**

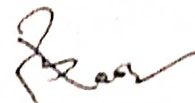
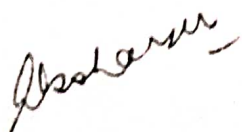
- 7.1 The said MoU shall be valid for a period of 5 years from the date of the agreement and can be further extended on mutual consent.
- 7.2 In case of any difference of opinion that may arise during the execution of this MoU in its true spirit, both parties shall make genuine efforts to resolve the same by mutual talks. In case the same persists, either party can terminate the MoU by giving a notice of 30 days. Such termination shall not affect any student beneficiary of the MoU.
- 7.3 Notwithstanding any item contained in this MoU, neither party shall be held responsible for actions beyond their control (e.g., natural calamities, law & order situations, and so on) and compensation shall not be claimed by either party from the other nor shall it be paid. Either party may terminate this MoU in the event a force majeure event subsists for more than thirty (30) days

#### **8 Operational Mechanism**

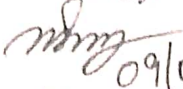
- 8.1 All communication shall be addressed to the head of the respective institutions that may authorize any senior official to do so on their behalf.
- 8.2 Head of the respective institutions shall be authorized to decide on behalf of their institutions unless otherwise the executive powers are delegated to any senior official(s).


#### **9 Governing Law and Dispute Resolution**

- 9.1 This MOU shall be governed and interpreted in accordance with the laws of India. All disputes arising in connection with this MOU are to be resolved in good faith by negotiations between both Parties.


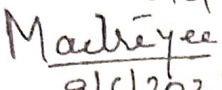


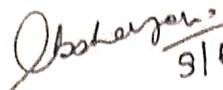
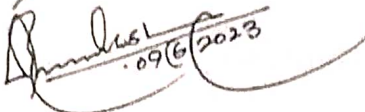
This memorandum shall be deemed as pledge and a statement of intent to foster genuine, workable and mutually beneficial professional collaboration for the socio-economic development of the country.

  
09/06/23  
Director  
NITTTR, Chandigarh

  
09/06/2023  
Director  
IIT, Roorkee

Witnesses:

1.   
9/6/2023
2.   
9/6/2023

1.   
9/6/2023
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09/06/2023