



MEMORANDUM OF UNDERSTANDING

Between

Institute for Excellence in Higher Education (IEHE), Bhopal

And

National Institute of Technical Teachers' Training and Research, (NITTTR), Bhopal

(Deemed to be University under Distinct Category)

Institute for Excellence in Higher Education (IEHE), Bhopal: With a vision "To accelerate quality and excellence in higher education at the global level" the Institute for Excellence in Higher Education, (IEHE) Bhopal through its rich heritage spanning over 28 years has a special place in the academic landscape of Madhya Pradesh. Since its inception in 1995, the Institute has maintained its culture of academic excellence on a strong moral and ethical foundation. The Institute is autonomous under the state government and was recognized by UGC in July 2002 under 2(f) & 12(B) of the UGC Act 1956. It underwent reaccreditation by NAAC for the fourth cycle in August 2023 and has been awarded an A+ grade with a CGPA of 3.45. The Institute offers a wide range of undergraduate and postgraduate programmes in Science, Humanities, Commerce and Management streams under NEP 2020. The Institute also keenly promotes quality research with many departments designated as research centres under the able guidance of faculty members. Throughout the state, the Institute is also known for its innovative practices and holistic approach towards teaching, learning and evaluation. An ideal teacher-student ratio, robust track record of placements, a high percentage of students' progression for higher studies and an effective as well as transparent Continuous Comprehensive Evaluation (CCE) system, along with pedagogical innovations in external evaluation and visionary leadership make the Institute a model for 'Excellence in Action'. Since the beginning, IEHE has always been interested in establishing collaborative relationships with renowned institutions to pool resources, expertise and facilities for the promotion of academic and research culture in the campus. Joint endeavours of this kind lead to cultural and intellectual exchange of ideas through conferences, symposia, publications, faculty development, exchange programmes, curriculum development, research funding, industrial visits, participation in fests, quizzes, cultural & co-curricular activities, workshops and skill development programmes, etc.

With the integration of technology into pedagogical practices, the processes of teaching and learning have undergone a sea change in the last decade or so. The use of cyberspace in the creation and/or dissemination of content has presented new challenges. The Institute has a competent ICT Cell and through recent initiatives *Gyanmegh* has also been actively involved in the creation of e-content for the students. Infrastructural development, training on new software, and technical support are some of the areas which need to be augmented for supporting resources and services. Design and development of Massive Open Online Courses (MOOCs) represent the face of modern-day learning today. It is a multi-faceted process which involves the blending of learning, technology and user experience. The Institute is keenly interested in developing MOOCs as a way of ensuring that newer ways of communicating knowledge to students are incorporated into the teaching-learning practices of the institution. The institute has established an E-Cell & Udgam Incubation centre to cater for the needs of the students in the field of self-employment and start-ups. The institute is deeply interested in collaborating on the activities under it. Looking at the provision laid down in the NEP 2020, there is a challenge to provide a quality internship opportunity to undergraduate students. It is one of the areas where IEHE is keenly interested in gathering cooperation from the National Institutes particularly situated in Bhopal.



NITTTR, Bhopal: The Technical Teachers' Training Institute, Bhopal, was set up in 1965 by Govt. of India and has been upgraded and renamed as the "National Institute of Technical Teachers' Training and Research (NITTTR)", Bhopal, vide Ministry letter no. F-7-27/2002-TS. IV dated 20th October 2003. The NITTTR, Bhopal has been granted the deemed to be university status under the distinct category, with the mandate to demonstrate the principles of leadership in capacity building in technical teacher education through its courses encompassing future of work, green and sustainable development, women-led development, development of faculty with diverse abilities and harnessing technology, etc. The institute is offering research programmes as well as doctoral, Post-doctoral programmes and innovative academic programmes about the furtherance of technical teacher education in collaboration with top INIs.

The institute, with its enhanced mandate, has now become a major resource institution and a centre of excellence for the overall growth and expansion of the technical education system of the country and bears a larger responsibility to contribute to a wide-ranging diverse labour market. The workforce development has been through interfacing academia, industry and society; to translate societal needs into academic programs; to empower academic institutions to work at the intersection of pedagogy, technology that shall address the learner needs in addressing digital and green transitions and the constant changing skill needs to negotiate technology.

The institute holds expertise in the areas of HRD, curriculum development, education management, policy formulation, continuing education, multimedia and video programme development, community development, designing learning resources and education research besides Engineering skills sets products. It is internationally recognized for its HRD services and its innovative approaches to developing professionally competent manpower and has been at the forefront. Recognizing its services, the Government of India has supported its up-gradation to address future training and research needs in the pedagogy, content and technological knowledge areas.

Recently NITTTR Bhopal has established a Centre of Excellence (CoE) in Digitalization and Industry 4.0 with financial support from the Ministry of Education & Siemens Pvt. Ltd. It shall develop capabilities in the application of AI and ML, Big Data and Cloud, IoT, AR and VR, Sensors and Robotics and Spatial Information Technologies based solutions in the promotion of low carbon development. It shall also facilitate a multi-disciplinary learning environment across Technology, Engineering and Science faculties and the much-needed professional/industrial training needs of inductee technical teachers in line with NEP-2020. This Industry-linked Centre of Excellence (CoE) shall also help to align engineering education with the latest industry trends and practices, and better vocational training/interaction with industry, to provide the much-needed experiential learning. CoE has established collaboration with industrial houses, in the user states of Chhattisgarh, Goa, Gujarat, Madhya Pradesh and Maharashtra for sharing of expertise, industrial training and joint academic programmes. The CoE at NITTTR Bhopal with its eleven labs namely Product Design & Validation Lab, Manufacturing Process Digitization Lab, Additive Manufacturing Lab, Simulation Optimization and Test Lab, Internet of Things (IoT) Lab, CNC Controller Lab, Industrial Automation Lab, Process Instrumentation Lab, aims to build a future workforce through certified professional courses that shall be capable of addressing digitalization of manufacturing systems in line with IR 4.0 & NEP-2020.

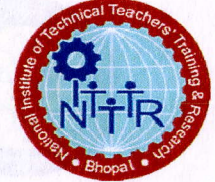
To promote cooperation between the Institute for Excellence in Higher Education (hereinafter referred to as "IEHE, Bhopal") and the National Institute of Technical Teachers' Training and Research, Bhopal (hereinafter referred to as "NITTTR, Bhopal"), the two institutions agree as follows:

1. The two institutions will encourage direct contact and cooperation between their faculty, administrative staff & departments.



2. Within mutually acceptable fields, the following general forms of cooperation for programmes or activities will be explored for potential negotiation:
 - Visits, exchanges and sharing of faculty members and research scholars.
 - Joint multidisciplinary training Programmes for teachers of higher/technical education Institutions.
 - Academic support in curriculum design & development on the terms & conditions of NITTTR Bhopal
 - Training & Internship of students through the CoE lab of NITTTR Bhopal as per Institute norms.
 - Generate appropriately trained manpower in the related areas through the organization of formal academic curricula, symposia, conferences & MOOC development on the terms and conditions mutually agreeable to both parties.
3. It is agreed that the terms and conditions of any agreed programme and activity contemplated in this MoU shall be the subject matter of written correspondence to be agreed upon by both Parties and/or any third parties, wherever applicable. PROVIDED ALWAYS, the decision whether to initiate and/or implement any programme or activity shall be at each party's sole discretion.
4. This memorandum is not intended to create binding or legal obligations on either party. It merely expresses the intentions and understanding of the Parties, which will form the basis of any legally binding agreement to be drafted and executed in the future.
5. Both parties understand and agree that this memorandum creates no financial obligations on either party, and all financial arrangements will have to be negotiated and will depend on the availability of funds.
6. The parties agree and undertake to keep confidential at all times any confidential information or data that may be exchanged, acquired or shared in connection with any programme or activity conducted according to this MoU save where the same is already in the public domain, obligated by law or otherwise defined in any subsequent agreement on the subject matter.
7. This MoU shall have an initial term of two years ending on 11/07/2026 and will be renewed for another period of three years' term after reviewing the activities performed under this MoU unless written notice by one party to another party for not renewing the MoU is given not later than one (1) month before the expiry of the current term. This MoU may be terminated at any time by mutual written consent or by three (3) months' notice in writing by either party.
8. Every notice, request or any other communication required or permitted to be given pursuant to this MoU shall be in writing, in English/Hindi and delivered personally or sent by registered or certified post via courier or email (which shall be acknowledged by the other Party) to the Parties at the addresses stated below:

Institute for Excellence in Higher Education, | National Institute of Technical Teachers' Training



Bhopal

Attention:

Name: Prof. Pragyesh Kumar Agarwal,

Designation: Director, IEHE, Bhopal

Email: iehebhupal@mp.gov.in

Date: 11th July, 2024

and Research (NITTTR), Shamla Hills, Bhopal -
462 002, Madhya Pradesh, India

Attention:

Name: Prof. C. C. Tripathi


Designation: Director

Email: director@nitttrbpl.ac.in

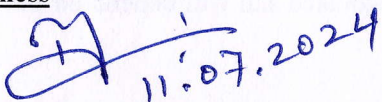
Date: 11th July, 2024

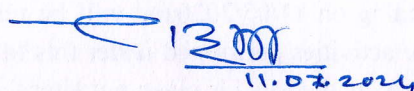
IN WITNESS THEREOF, the Parties have caused this MoU to be executed by their duly authorized representatives.

For and on behalf of IEHE, Bhopal

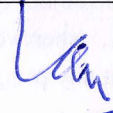

Name: Prof. Pragyesh Kumar Agarwal,
Designation: Director, IEHE, Bhopal
Date: 11.07.2024

Witness

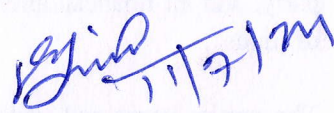

1. Dr. MahendraSinghai
Administrative Officer & Professor
of Commerce, IEHE, Bhopal

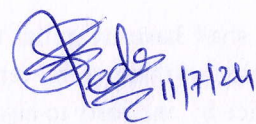

2. Dr. Ram Krishna Shrivastava
Professor, Department of Chemistry
IEHE, Bhopal

For and on behalf of NITTTR, Bhopal


Name: Prof. C. C. Tripathi
Designation: Director
Date: 11/7/24

Witness


1. Dr. P. K. Purohit
Professor and Head (Deptt. of Applied Sciences)
Dean (Corporate & International Relations)


2. Prof. S. S. Kedar
Professor & Head
Department of Media Research and Development
Education, NITTTR, Bhopal