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Receipt of Online Payment of Stamp Duty

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Receipt Date : 08-Nov-2021 02:19:18 pm

Receipt Amount : 20/-

Amount In Words : Twenty Rupees Only

Document Type : Agreement or Memorandum of an Agreement

District Name : EastSinghbhum

Stamp Duty Paid By : NIT JAMSHEDPUR

Purpose of stamp duty paid : M O U

First Party Name : NIT JAMSHEDPUR

Second Party Name : NITTTTR KOLKATA

GRN Number : 2108284581

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इस रसीद का उपयोग केवल एक ही दस्तावेज पर मुद्रांक शुल्क का भुगतान के प्रमाण हेतु ही किया जा सकता है। पुनः प्रिन्ट कर अथवा फोटो कॉपी आदि द्वारा इसी रसीद का दूसरे दस्तावेज पर मुद्रांक शुल्क का भुगतान के प्रमाण हेतु उपयोग भारतीय मुद्रांक अधिनियम, 1899 की धारा 62 अन्तर्गत दण्डनीय अपराध है।



**MEMORANDUM OF UNDERSTANDING (MoU)
National Institute of Technical Teachers' Training
& Research (NITTTR), Kolkata**



**&
National Institute of Technology (NIT) Jamshedpur**

PREAMBLE

THIS AGREEMENT made and entered into on 24th December 21 between National Institute of Technical Teachers' Training & Research (NITTTR) Kolkata (hereinafter referred to as NITTTR Kolkata), an institution established by the Ministry of Education, Govt. of India as fully centrally funded autonomous institutions located at Block-FC, Sector-III, Salt Lake City, Kolkata - 700106 (hereinafter called NITTTR Kolkata) which expression shall include their representatives, successors and assignees on ONE PART

And
National Institute of Technology Jamshedpur -831014 (the erstwhile Regional Institute of Technology Jamshedpur) is one of the premier national level institutions for technical education in the country and is funded by the Government of India. Government of India has elevated the Regional Institute of Technology Jamshedpur to a deemed university under the name of National Institute of Technology Jamshedpur. At present the Institute has twelve departments & Centers covering all the major Engineering, Science, Humanities & Social Sciences disciplines, offering undergraduates (B. Tech), M.Sc, Master (M.Tech) and Doctoral (Ph.D) programme, (hereinafter called NIT Jamshedpur) which expression shall include their representatives, successors and assignees on ANOTHER PART

NATIONAL INSTITUTE OF TECHNOLOGY JAMSHEDPUR and NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING AND RESEARCH (NITTTR) KOLKATA, hereinafter collectively referred to as 'the Parties' and individually as 'the Party' formally agree on a Memorandum of Understanding.

The Director of National Institute of Technology Jamshedpur (NIT JSR) and the Director of NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING AND RESEARCH KOLKATA, for the purpose of furthering cooperation in Training, Education, R&D and other Outreach activities between these two institutions, hereby affirm their intent to promote such academic collaborations and to participate in various academic endeavors.

NITTTR Kolkata and NIT Jamshedpur have realized the need for a close linkage in terms of research and academic activities. In compliance to this idea, both have decided to sign a Memorandum of Understanding (MoU) as per the following terms and conditions.

GENERAL:

NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING AND RESEARCH (NITTTR), KOLKATA was established in 1965 as Technical Teachers' Training Institute (TTTI), Calcutta under the Ministry of Education, Government of India and became an autonomous institution in 2013. As a premier institute in the country, NITTTR-K is primarily concerned with technical teachers training at various levels. By virtue of providing yeomen services related to technical teachers' training and technical education system of the country for the last fifty odd years, NITTTR-K has first-hand experience to understand the need and traits of the technical teachers in India. In order to provide better services to North Eastern States and others, the institute has established two extension centers at Guwahati and Bhubaneswar. The institute is also offering successfully four M. Tech courses with state of the art facilities, qualified faculty, and staff members.

WHEREAS NIT Jamshedpur is an institute of higher learning and advanced research. Prime activities include creation and dissemination of knowledge; producing engineers, scientists and entrepreneurs of highest quality equipped with latest technologies and developing innovation technology solutions for the cause of the society. The Vision of NIT Jamshedpur is to become one of the best Institutes in the world in providing the state-of-the art multi-disciplinary research ambience that will usher innovative world-class technologies developed towards realizing the goal of Developed India.

The purpose of the MoU is to promote cooperative academic activities and to facilitate the exchange of ideas, the development of new knowledge, and to enhance high quality research acumen. The major thrust of the research on which the parties will cooperate are Mechatronics, Structural Engineering, Manufacturing Technology, Multimedia and Software systems, learning resource development, curriculum revision and development, training and updating of faculty's knowledge base, research and consultancy services. The modes of cooperation will include:

- Exchange of faculty, research scholars and students for the purpose of research and teaching;
- The development and implementation of collaborative research projects, professional development programs, and capacity building efforts;
- Joint PhD thesis supervision as per NIT Jamshedpur PhD ordinance and NITTTR-Kolkata (MAKUT of West Bengal) norms.
- The dissemination of findings through scholarly publications.
- Organizing academic events collaboratively like seminar, symposia, workshop etc. under mutual agreement.
- Developing and utilizing facilities to each other in the area of information technology, incubation center, center of excellence in specified areas.
- Promote Indian Knowledge System and Ancient Indian STEM in various ways and Sharing and exchange of Educational Technology facility for mutual benefit by conducting training, consultancy and educational research
- Developing digital infrastructure and digital library facility

The faculty of NITTTR Kolkata shall be associated as Co-guide subject to fulfillment of the requirement of NIT Jamshedpur. Faculty of the NIT Jamshedpur shall be considered as

collaborators/ co-investigators in the various activities of NITTTR Kolkata. Guide / Co-guide will be from the organization where students undertake laboratory facilities.

ii. The students will carry out their Ph. D. research work or M. Tech project at NITTTR Kolkata and NIT Jamshedpur as per the rules & regulations of the respective institutes depending upon the facilities and requirements.

Clause 1: ACADEMIC AND DEVELOPMENT PROGRAMMES

Clause.1.1:

To achieve the goals of this cooperation, both parties will, in so far as the means of each allow: Promote institutional exchange by inviting faculty and student researchers of the partner institution to participate in appropriate research activities; b) organize symposia, conferences, and meetings on timely research issues; c) develop and carry out joint research programs; and d) exchange information pertaining to the agreed-upon research areas.

Clause 1.2:

Prior to the initiation of any particular project or activity, the specific terms of cooperation and exchange for that project will be discussed and agreed upon in writing by the appropriate responsible representatives of both institutions.

If the outcome of a project related to product development, process technology and design etc. which involves matter of secrecy and concern with security of the State and the Country the same will not be allowed for publication / printing in any form such as Electronically, Verbal etc. If the outcome of a project results into an Intellectual Property, for which rights can be secured, it will be decided on case to case basis through IPR Cell of the institutes. Similarly, sharing of expenditure in securing such rights and income incurred through royalty etc. by the parties under the law shall be decided on case to case basis after mutual consultation.

Clause 1.3:

Day to day implementation of this Agreement / MoU will be coordinated by the office of the Dean (R&C), NIT Jamshedpur and the Training Cell of NITTTR Kolkata.

Clause1.5:

Each institution agrees to release and hold the other harmless from and against any claims, damages, liability or costs, to the extent such claims damages, liability or costs do not arise from the negligent or willful acts or omission of the other institute or any of its agents or employees in connection with their respective performance under this MoU.

Clause 1.6:

The parties agree that in the course of implementing this MoU, they will not engage in unlawful discrimination on the grounds of race, gender, sexual orientation, age, religion, social class, national or ethnic origin or disability.

Clause 1.7:

NITTR Kolkata and NIT Jamshedpur shall undertake skill development activities in the fields like ICT infrastructure, CAD/CAM, software development and mutual interest of things and other skills coming under 'Make in India' program of Government of India.

Clause 1.8:

Honorarium, TA / DA (if applicable) will be provided to the Faculty / Technical staff / Researchers / Students of NIT Jamshedpur and NITTR Kolkata as per rule by requesting organizations. There will be no other financial obligations on both Parties under this agreement.

Clause 2: COLLABORATIVE RESEARCH DOMAIN

The proposed domains on which the collaborative research is to be initiated includes (but not limited to) the following:

- i. Advanced Mechanical and Materials Characterization
- ii. Mechatronics,
- iii. Structural Engineering,
- iv. Manufacturing Technology,
- v. Multimedia and Software systems
- vi. Education Technology and any other domain of mutual interest

Clause 3: DURATION OF MoU

Clause.3.1:

This MoU shall be valid for a period of **36 months** from the date of signing and could be extended with mutual consent. The duration may be extended with the consent of both parties under mutually agreed terms and conditions.

The MoU and its contents can also be suitably modified, as agreed to by both the parties, to reflect an increased scope, nature of engagement / activities including financial commitments, if any. Prior to the expiration date, the MoU may be reviewed for possible renewal for a further period. In addition, either party may terminate the MoU in advance of its normal expiration by providing the other with **six months** prior written notice. In this case, persons already approved as exchange participation will be allowed to complete their exchange visits under the conditions specified at the time of their invitation to the host institution.

Clause.3.2:

It is further agreed that the Director, NITTR Kolkata and Director, NIT Jamshedpur through periodic meetings will monitor the progress of this MoU. Any changes / modifications / as introduced / suggested by the Review Committee (comprising of Director, NITTR Kolkata and Director, NIT Jamshedpur) will be binding on both the organization.

Clause.3.3:

Except for loss or damages caused through gross negligence or intent, the Parties shall have no liability to each hereunder.

SEAL of PARTIES

IN WITNESS WHEREOF the parties hereto have signed this agreement of understanding the day, month and year as mentioned herein before.



Date: 24/12/2021

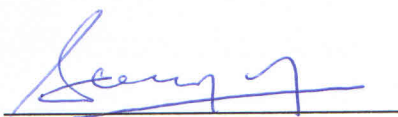
Date: 24/12/2021

Prof. Karunesh K. Shukla
Director
National Institute of Technology
Jamsedhpur

Prof. Debi Prasad Mishra
Director
National Institute of Technical Teachers'
Training and Research (NITTTR), Kolkata,

Witness

Witness



Date: 24/12/2021

Date: _____

Prof. Sanjay
Dean Research & Consultancy
National Institute of Technology
Jamsedhpur

Prof. S.K.Naskar
FIC, Training Cell, Academic Affairs
National Institute of Technical Teachers'
Training and Research (NITTTR),
Kolkata