Memorandum of Understanding

Between

Indian Institute of Technology Jodhpur

And

National Institute of Technology Jaipur

October 2026

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between

Indian Institute of Technology Jodhpur

and

Malaviya National Institute of Technology Jaipur

This Memorandum of Understanding (MoU) is entered into between Indian Institute of Technology Jodhpur, an Institute of National Importance established under the Institutes of Technology Act, 1961, and National Institute of Technology Jaipur, an Institute of National Importance established under the National Institutes of Technology Act, 2007.

Hereafter, *Indian Institute of Technology Jodhpur* will be referred to as *IIT Jodhpur* and *National Institute of Technology* Jaipur will be referred to as *MNIT Jaipur*. The IIT Jodhpur and *MNIT Jaipur* will be referred to as the *Institutes* and the *joint M.Tech. degree* will be referred to as *M.Tech. degree*.

The *Institutes* agree to collaborate for establishing a Joint B.Tech.–M.Tech. program under the IIT Jodhpur-NIT Engineering Woven Technology Excellence Corridor (NEWTEC).

1. ***Aim***

   This Memorandum of Understanding (MoU) aims to establish an integrated five-year academic pathway that enables meritorious B.Tech. students of **National Institute of Technology** Jaipur to pursue an M.Tech. degree (to be awarded jointly by IIT Jodhpur and MNIT Jaipur) at **Indian Institute of Technology Jodhpur (IIT Jodhpur)** under the **IIT Jodhpur–NIT Engineering Woven Technology Excellence Corridor (NEWTEC)**. This initiative seeks to strengthen academic collaboration between the Institutes by creating a structured pathway for undergraduate students to seamlessly transition into advanced postgraduate education and research.

   The programme provides early exposure to students towards advanced coursework, research, and innovation while promoting institutional collaboration in teaching, thesis supervision, and interdisciplinary research. It is envisaged that this collaboration will significantly strengthen academic interactions between the Institutes, foster joint research and development activities, encourage the submission and execution of collaborative research projects and proposals, and facilitate faculty and student engagement in areas of mutual interest. The programme also promotes academic mobility, interdisciplinary learning, and capacity building in alignment with the objectives of the **National Education Policy (NEP) 2020**.

Under this scheme, eligible B.Tech. students of MNIT Jaipur, joined through JoSAA/CSAB for the dual degree program OR eligible B.Tech. students of MNIT Jaipur, securing a minimum CGPA of 6.5 at the end of the sixth semester, shall complete all undergraduate degree requirements at MNIT Jaipur within seven semesters. During the eighth semester, the selected students shall register at IIT Jodhpur, where they will commence the M.Tech. programme by completing the prescribed coursework and initiating their thesis research jointly under the supervision of faculty members of the Institutes in the summer semester. The remaining two semesters shall primarily be devoted to full-time thesis research leading to the award of joint M.Tech. degree in accordance with the academic regulations of the participating Institutes.

IIT Jodhpur shall transfer to MNIT Jaipur the credits earned by the student during the M.Tech. programme pursued at IIT Jodhpur under the NEWTEC Programme.

For the purpose of credit transfer, the Credit Equivalence Committees constituted by IIT Jodhpur and MNIT Jaipur shall jointly determine the equivalence of the courses and credits earned at IIT Jodhpur with the academic requirements of MNIT Jaipur. The recommendations of the two Committees shall be recorded through a mutually agreed Credit Equivalence Agreement.

Based on the approved credit transfer and equivalence, MNIT Jaipur shall maintain the student's complete academic record and issue a consolidated transcript covering the entire five-year dual degree programme. The consolidated transcript shall clearly indicate that the credits earned during the last three semesters were completed at IIT Jodhpur under the NEWTEC Programme and have been transferred and recognized by MNIT Jaipur.

This academic mobility model enables students to leverage the complementary academic strengths, research facilities, and expertise of both Institutes while maintaining academic continuity with the parent MNIT Jaipur. It is expected to strengthen long-term institutional collaboration between the Institutes and contribute to the development of a vibrant ecosystem for higher education, research, and innovation.

This MoU records the mutual understanding between the two Institutes and does not create any legal or financial obligations on either IIT Jodhpur or MNIT Jaipur except as may subsequently be agreed upon in writing.

2. **Objectives**

   a. Establish a structured academic pathway for meritorious B.Tech. students of MNIT Jaipur to pursue an M.Tech. degree at IIT Jodhpur.

b. Promote student mobility.

c. Encourage collaborative teaching, research and innovation between the Institutes.

d. Facilitate joint supervision of postgraduate research.

e. Strengthen long-term institutional academic and research collaboration through joint project execution.

3. **Scope of Collaboration**

The collaboration shall include the M.Tech. program with joint thesis supervision, faculty interaction, collaborative research, workshops, seminars, sharing of facilities wherever feasible, industry collaboration, and other mutually agreed academic activities.

4. **Terms and Conditions**

The *Institutes* agree that this MoU *does not constitute a formal legal agreement*, giving rise to any legal relationship, rights, duties or consequences. The following aspects shall hold:

a. At MNIT Jaipur

A1. The responsibility for ensuring completion of all B.Tech. degree requirements within seven semesters, in accordance with the curriculum of MNIT Jaipur, shall rest with MNIT Jaipur.

A2. For students admitted to the B.Tech. program at MNIT Jaipur from the Academic Year 2027–2028 onwards, a minimum CGPA of **6.5** at the end of the 6th semester shall be the eligibility criterion for enrollment in the M.Tech. program at IIT Jodhpur.

A3. For the currently running B.Tech. batches at MNIT Jaipur (Academic Years 2023–24, 2024–25, 2025–26, and 2026–27), a minimum CGPA of **6.5** at the end of the 6th semester shall be the eligibility criterion for enrollment in the M.Tech. program at IIT Jodhpur.

A4. Notwithstanding Clauses **A2** and **A3** above, students admitted to the B.Tech. program at MNIT Jaipur through the **Joint Seat Allocation Authority (JoSAA)/CSAB** from the Academic Year **2027–2028** onwards shall be offered direct admission to the M.Tech. program at IIT Jodhpur upon successful completion of the B.Tech. degree requirements prescribed by MNIT Jaipur. No minimum CGPA requirement shall apply to such students for admission to the M.Tech. program. Such students shall not have the option to exit the dual degree

B.Tech.–M.Tech. programme after completion of the B.Tech. degree and shall be required to register for and pursue the M.Tech. program at IIT Jodhpur.

b. At IIT Jodhpur

B1. Registration for three semesters and the Summer Term (after completion of 7th semester of B.Tech. at **MNIT Jaipur**) in an M.Tech. program at IIT Jodhpur as per the norms of IIT Jodhpur.

B2. Completion of four core courses of the chosen M.Tech. program (3 credits each) during the first semester at IIT Jodhpur.

B3. Selection of a Thesis Supervisor from IIT Jodhpur and a Co-Supervisor from the **MNIT Jaipur.**

B4. Completion of the M.Tech. thesis during the subsequent semesters, including summer and final year research as mentioned in TABLE I.

TABLE I: The semester-wise credit structure.

Even Semester of the AY-I	**Summer Term**	**Odd Semester of AY-II**	**Even Semester of AY-II**
12 Core Credits	8 Thesis Credits	16 Thesis Credits	16 Thesis Credits

c. Degree Award and Academic Outcome

C1. The B.Tech. degree will be awarded by the **MNIT Jaipur** upon completion of all B.Tech. degree requirements at MNIT Jaipur, independent of and not conditional upon completion of the M.Tech. degree.

C2. The M.Tech. degree will be awarded jointly by IIT Jodhpur and MNIT Jaipur at a Convocation of MNIT Jaipur

C3. A student who withdraws from, or does not satisfactorily complete, the M.Tech. programme at IIT Jodhpur shall remain eligible for the B.Tech. degree from MNIT Jaipur, subject to fulfilment of MNIT Jaipur's own B.Tech. requirements and academic regulations. Continuation and evaluation norms for such students at IIT Jodhpur shall be as prescribed by IIT Jodhpur's academic regulations.

d. Registration Fee and Financial Provisions

D1. Students admitted under this programme shall be registered at IIT Jodhpur for three semesters (8th, 9th, and 10th Semesters) and shall be

required to pay the applicable fee of IIT Jodhpur in accordance with the prevailing rules and regulations of the Institute.

D2. The tuition fee for the 8th Semester may be paid either to MNIT Jaipur or directly to IIT Jodhpur. In the event that the tuition fee is collected by MNIT Jaipur, MNIT Jaipur shall obtain the necessary approval from its Finance Committee (FC) and Board of Governors (BoG), wherever required, for transferring the applicable tuition fee to IIT Jodhpur in accordance with the fee structure prescribed by IIT Jodhpur.

D3. In addition to the tuition fee, students shall pay all other applicable fees and charges to IIT Jodhpur, as approved by the Board of Governors of IIT Jodhpur and applicable to regular M.Tech. students.

D4. The tuition fee for the 9th and 10th Semesters shall be paid directly by the students to IIT Jodhpur in accordance with the fee structure prescribed by IIT Jodhpur.

D5. The detailed modality for collection and transfer of fees between the two Institutions, including timelines and the mode of remittance, shall be mutually agreed upon by MNIT Jaipur and IIT Jodhpur.

D6. No assistantship will be provided by IIT Jodhpur under this program. The assistantship policy should be decided by both the Institutes on equal basis.

D7. Admission under this programme does not require a valid GATE score; eligibility shall be governed solely by the criteria in Clause 4(a).

e. Joint Supervision

For the M.Tech. thesis, each student shall have one Supervisor from IIT Jodhpur and one Co-supervisor from the MNIT Jaipur. The supervisors should be decided by the end of the 7th Semester of the B.Tech.

f. Number of Seats in Various M.Tech. Programs Offered by IIT Jodhpur

Following seats are allotted for each M.Tech. specialization offered by IIT Jodhpur to the MNIT Jaipur students satisfying the eligibility criterion. The number of seats may be revised based on the requirements of the program from time to time.

S. N.	M.Tech. Programs offered by IIT Jodhpur	Number of Allotted Seats
1	Drone and Anti-Drone Technologies	2
2	Data and Computational Sciences	2
3	Bioscience and Bioengineering	0
4	Computer Science and Engineering	1
5	Quantum Technologies	1
6	Energy Infrastructures	0
7	Advanced Manufacturing Engineering	1
8	Chemical Engineering	0
9	Thermofluids Engineering	0
10	Environmental and Sustainability Engineering	2
11	Composite Materials Technology	1
12	Energy Engineering	1
13	Power Systems and Power Electronics	1
14	Bridge Engineering	0
15	Cyber Physical Systems	1
16	Artificial Intelligence	1
17	Augmented Reality and Virtual Reality (AR & VR)	2
18	Robotics	1
19	Communication Systems	1
20	Environmental Engineering	0
21	Materials Engineering	1
22	Microwave and Photonic Technologies	1
23	Battery Materials and Technology	2
24	Engineering Design	2
25	Microelectronics and VLSI	1

g. **Alumni Status and Placement Support**

Upon successful completion of the dual B.Tech.–M.Tech. programme and fulfillment of all academic requirements prescribed by IIT Jodhpur for the M.Tech. programme, the students shall be awarded the joint M.Tech. degree by IIT Jodhpur and MNIT Jaipur. The students shall be accorded the status of Alumni of IIT Jodhpur, in addition to the status of alumni of MNIT Jaipur.

IIT Jodhpur shall extend to such students access to its Training and Placement activities, facilities, and career support services on par with its regular M.Tech. students, subject to the prevailing rules, regulations, policies, and eligibility criteria of the IIT Jodhpur and its Training and Placement Office.

5. **Admissions**

The MNIT Jaipur will open the admission for the allotted joint degree (B.Tech.+M.Tech.) seats, as mentioned in Point 4f. The students who have taken admission on these seats at MNIT Jaipur will pursue the M.Tech. degree at IIT Jodhpur after the completion of the B.Tech. degree requirements in 7 semesters at MNIT Jaipur. The MNIT Jaipur will send the list of students for each of the M.Tech. programs to IIT Jodhpur right after completion of the 6th Semester of the B.Tech. along with the Co-supervisor names from their side for joint thesis supervision. IIT Jodhpur will assign the Supervisor after receiving the list.

6. **Responsibilities**

IIT Jodhpur will provide admission, coursework, laboratory facilities, supervision, examinations, thesis evaluation and hostel accommodation subject to Institute rules. The students, while at IIT Jodhpur, will be governed by the rules and regulations of IIT Jodhpur.

The MNIT Jaipur will identify eligible students, certify completion of B.Tech. requirements, nominate co-supervisors and facilitate coordination.

Students shall be responsible for obtaining medical/health insurance coverage as per IIT Jodhpur's applicable norms during their period of registration at IIT Jodhpur, and shall abide by IIT Jodhpur's hostel rules and Code of Conduct during that period.

7. ***Validity***

This MoU shall come into force from the date of signature of the MoU and shall remain in force for a period of five (5) years therefrom, unless terminated earlier under Clause 10. This term may be extended by mutual written consent of the Institutes prior to expiry.

8. **Amendments**

Amendments shall be made only by written mutual agreement of the Directors of the Institutes.

9. **Intellectual Property**

IP arising from collaborative research shall be governed by a separate agreement and institutional IP policies.

10. ***Termination***

The MoU may be terminated in writing by one of the parties giving a written notice to the other of at least *6 months*. Any ongoing and scheduled activity at that time shall not be affected. Amendments to this MoU may be made only by mutual agreement in writing by the *Directors* of the Institutes.

Notwithstanding termination, students already admitted under this programme at the time notice of termination is given shall be permitted to complete their M.Tech. degree under the terms of this MoU as it stood on the date of their admission.

11. ***Dispute Resolution***

Where a problem or dispute arises between the Institutes, they shall seek to resolve and settle the matter *amicably* by direct discussion between *themselves* to the best of their endeavours. If the matter cannot be resolved in this manner, the Directors of the Institutes shall examine the matter, and pronounce the decision; this decision shall be binding on the affected individuals.

12. **Coordinators**

For the purposes of this MoU, the Coordinators from the Institutes shall be appointed from time to time, the details of which shall be shared with the other institute.

13. **Confidentiality**

Each Institute shall treat non-public information shared under this MoU as confidential and shall not disclose it to third parties without the prior written consent of the other Institute, except as required by law or applicable RTI obligations.

14. **Indemnity**

Each Party agrees to indemnify, defend, and hold harmless the other Party, its officers, employees, students, and representatives from and against any and all claims, losses, damages, liabilities, costs, and expenses arising out of or related to (i) breach of this MoU, (ii) negligence or willful misconduct, or (iii) violation of applicable laws by the indemnifying Party in connection with activities under this MoU.

15. **Force Majeure**

Neither Institute shall be liable for any delay or failure to perform its obligations under this MoU arising from causes beyond its reasonable control, including but not limited to natural disasters, pandemics, government directives, or other force majeure events.

16. **Notices**

All formal communications and notices under this MoU shall be in writing and addressed to the Registrar/Coordinator of the respective Institute at the address notified by each Institute from time to time.

17. **Joint Review Committee**

The Institutes shall constitute a Joint Review Committee, comprising nominees of both Institutes, to review the progress and implementation of this programme at least once every academic year.

18. **Grievance Redressal**

Any grievance raised by a student admitted under this programme shall first be addressed through the grievance redressal mechanism of the Institute where the student is registered at the relevant time, with unresolved matters referred to the Coordinators appointed under Clause 12.

IN WITNESS HEREOF, this MoU is executed on the **15th day** of the month of **October** in the year **2026** in Jodhpur by and between the *Indian Institute of Technology Jodhpur* and the *Malaviya National Institute of Technology* Jaipur for and on behalf of the two Institutes by:

On behalf of IIT Jodhpur	*On behalf of* **MNIT Jaipur**
15/10/2026	
Director, IIT Jodhpur	*Director,* **MNIT Jaipur**

1. DEAN AA.
2. DEAN IAA