THE MINUTES OF THE
38TH SENATE MEETING

Date	4TH September, 2025	Venue
Time	3.00 PM	Director's Chamber NIT Manipur (Hybrid Mode)

राष्ट्रीय प्रौद्योगिकी संस्थान,मणिपुर

NATIONAL INSTITUTE OF TECHNOLOGY MANIPUR
An autonomous Institute under the aegis of Ministry of Education
(Shiksha Mantralaya), Govt. of India
Langol Road, Lamphelpat, Imphal, Manipur – 795004
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MINUTES OF THE 38th SENATE MEETING HELD ON 4th September, 2025

The 38th Senate Meeting of National Institute of Technology Manipur was held on 4th of September, 2025 at 3:00 pm via Hybrid Mode.

The following members attended the meeting

- ❖ Prof. D V L N Somayajulu : Ex-officio Chairman
  Director, NIT Manipur
- ❖ Prof.Kh. Tomba Singh : Secretary
  Registrar, NIT Manipur

1	Prof. G P Raja Sekhar (Online) IIT Kharagpur, External Member	10	Dr. Ashish Ranjan(HOD, ECE)
2	Prof. P. Santhi Thilagam (Online) NITK, Surathkal, External Member	11	Dr. Prabhat Kumar (HOD, ME)
3	Dr. Khelchandra Thongam Dean (AA), NIT Manipur	12	Dr. Sh. Lenin Singh (HOD, Physics)
4	Dr. Lourembam Lolit Kumar Singh Dean(FW), NIT Manipur	13	Dr. Th. David Singh (HOD, Chemistry)
5	Prof. Aheibam Dinamani Singh Dean(R&C), NIT Manipur	14	Dr. Sunil Panday (HOD, Mathematics)
6	Prof. Rajesh Kumar Bhushan Dean (P&D), NIT Manipur	15	Dr. Moirangthem Nirmalkumar Singh (HOD, HSS)
7	Dr. A. Azhoni(HOD, CE)	16	Prof. Bakimchandra Oinam (CE)
8	Dr. Yambem Jina Chanu (HOD, CSE)	17	Prof. P. Albino Kumar (CE)
9	Dr. Benjamin A. Shimray (HOD, EE)	18	Dr. Chanam Barchand Singh (Mathematics)

The Chairman, Senate welcomed all the members of the Senate and requested Dean (AA) to present with the agenda items.

Item No.	Item Description	Resolutions
38.1	To consider and confirm the minutes of 37th Senate meeting of National Institute of Technology Manipur, held in hybrid mode, on 23rd May 2025 at NIT Manipur.**(Annexure - I)**	Confirmed.
38.2	To consider the action taken report on the decisions of the 37th Senate meeting of National Institute of Technology Manipur held, in hybrid mode, on 23rd May 2025at	Noted.

DVLN Somayajulu

	NIT Manipur.	
38.3	To consider and recommend for approval of the provisional list of candidates of B.Tech, M.Tech, M.Sc and Ph.D. programmes. **(Annexure - II)**	Approved. Chairman, Senate authorized to recommend provisionally the Ph.Ds who complete their Defence on or before 20th September 2025 for the approval of the Board and the same may be placed for ratification in the next Senate meeting.
38.4	To consider and recommend for approval of the Institute Gold Medals to departmental toppers of B.Tech programmes and Chairman's Gold Medal to overall topper of all the B.Tech Programmes.**(Annexure - III)**	As per the recommendation of Institute Academic Disciplinary Committee (IADC) and the Students Disciplinary Committee (SDC), the senate members recommended the list for the award of Institute Gold Medals and Chairman's Gold Medal in 12th Convocation scheduled on 24/09/2025.
38.5	To discuss and recommend courses and syllabus of Ph.D. programme in HSS department. **(Annexure - IV)**	Approved.
38.6	To consider and approve the value added course of one credit as a part of revised B.Tech Curriculum offered by HSS department.**(Annexure - V)**	Approved.
38.7	To discuss and approve the inclusion of additional elective courses for M.Tech and Ph.D programmes of Civil Engineering department.**(Annexure - VI)**	Approved and recommended to offer elective courses by all the departments only when the number of registered candidates in it is at least 40% of the sanctioned intake.
38.8	To recommend and approve the discontinuation/cancellation of Ph.D scholars in the department of EE and CSE.**(Annexure – VII &(Annexure - VIII))**	Approved.
38.9	To consider and approve the re-registration of Ph.D. scholars of CSE department. **(Annexure - VIII))**	Approved with issuance of new registration number with the admissible fees.
38.10	To consider and approve the semester withdrawal of registration of Ph.D. scholar of Physics Department. **(Annexure - IX)**	Approved. No assistantship shall be provided during the withdrawal period of the candidate.
38.11	To discuss and approve the vision, mission statements of the institute and departments of the pre-qualified under graduate programmes along with PEOs, PSOs, and e-Sar report for NBA accreditation. **(Annexure - X)**	Approved.

DVGN Prasanyajulu

38.12	To consider and approve the semester withdrawal of Rinku Gorai, B.Tech 1st year, CSE department due to health issues.**(Annexure - XI)**	Approved subject to submission of medical documents and endorsement of her guardian along with verification and certification by institute medical officer. She shall be required to pay admissible fees/charges (Except tuition fees and hostel fees) of the withdrawn semester as per clause 12.2 of B.Tech ordinance.
38.13	**Information Items:** a) Twelfth Convocation of National Institute of Technology Manipur is scheduled on 24th September 2025 at 10.30 AM. b) Details of MoUs signed as on 20th September 2025. **(Annexure - XII)**	a) Noted. b) Noted.
38.14	Any other Item with the permission of the Chair. **(Annexure - XIII)** a) Grant of Institutional Ph.D. Scholarship for the remaining three years for Boynaoton Konthoujam, Ph.D. Scholar. 5th semester, 23401006. b) To consider and approve Dr. ThiyamTamphasana Devi, Associate Professor, Department of Civil Engineering, NIT Manipur to act as Co-Guide for a Ph.D. student of CAU Imphal. c) To consider and approve the semester withdrawal of Jatin, B.Tech 1st year, CSE department due to health issue. d) To consider and approve the re-registration of Ph.D scholar, Mr. Ashutosh Mishra (17408002) of Mathematics	a) Approved and scholarship shall be effective from the date of NET result declaration. b) Not recommended. c) Approved subject to submission of medical documents and endorsement of her guardian along with verification and certification by institute medical officer. She shall be required to pay admissible fees/charges (Except tuition fees and hostel fees) of the withdrawn semester as per clause 12.2 of B.Tech ordinance. d) Approved with issuance of new registration number with the

	department. e) Ratification of issuing fresh Degree certificates for 42 numbers of 2024 passed out CSE students.	admissible fees. e) Approved

(Prof. Kh. Tomba Singh)
Registrar,
Secretary, Senate
National Institute of Technology Manipur

(Prof. D V L N Somayajulu)
Director,
Ex-Officio Chairman, Senate
National Institute of Technology Manipur

ANNEXURE I

NATIONAL INSTITUTE OF TECHNOLOGY MANIPUR

Minutes of the
37th Senate Meeting

Day: Friday

Date: 23/05/2025

Time: 12:00 Noon

(Via Hybrid Mode)

MINUTES OF THE 37th SENATE MEETING HELD ON 23rd of May, 2025

The 37th Senate Meeting of National Institute of Technology Manipur was held on 23rd of May, 2025 at 12:00 Noon via Hybrid Mode.

The following members attended the meeting

- Prof. D V L N Somayajulu : Ex-officio Chairman
  Director, NIT Manipur
- Prof. Kh. Tomba Singh : Secretary
  Registrar, NIT Manipur

1	Prof. G P Raja Sekhar (Online) IIT Kharagpur, External Member	8	Dr. Benjamin A. Shimray (HOD, EE)
2	Prof. P. Santhi Thilagam (Online) NITK, Surathkal, External Member	9	Dr. Ashish Ranjan (HOD, ECE)
3	Dr. L. Herojit Singh, Dean (AA)	10	Dr. Prabhat Kumar (HOD, ME)
4	Prof. Rajesh Kumar Bhushan (ME)	11	Dr. Sangeeta Laishram (Representing HSS)
5	Prof. P. Albino Kumar (CE) (Online)	12	Dr. Sh. Lenin Singh (H OD, Physics)
6	Prof. Bakimchandra Oinam (HOD, CE)	13	Dr. Th. David Singh (HOD, Chemistry)
7	Dr. Yambem Jina Chanu (HOD, CSE)	14	Dr. Sunil Panday (HOD, Mathematics)

The Chairman, Senate welcomed all the members of the Senate and requested Dean (AA) to present with the agenda items.

Item No.	Item Description	Resolutions
37.1	To consider and confirm the minutes of 36th Senate meeting of National Institute of Technology Manipur, held on 21st April 2025 at NIT Manipur.	Confirmed
37.2	To consider the action taken report on the decisions of the 36th Senate meeting of National Institute of Technology Manipur held in hybrid mode on 21st April 2025 at NIT Manipur	Noted
37.3	To discuss the result of the transferred internally displaced NIT Manipur students to NIT Silchar/NIT Meghalaya/NIT Delhi for B.Tech programme.	The Senate authorized Chairman, Senate to declare the results of the internally displaced students once the current semester results of the Academic year 2024-25 received from the respective NITs where the internally displaced students are accommodated.
37.4	To discuss the result of the transferred B.Tech students at IIT Madras through Summer Internship Program.	The Senate authorized Chairman, Senate to declare the summer internship results of the students who pursue at IIT Madras in the Academic Year 2024-25.

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37.5	To discuss and approve to start Integrated Teacher Education Programme (ITEP) with effect from Academic year 2026-2027 onwards.	a) Approved to start Integrated Teacher Education Programme (ITEP) with effect from Academic year 2026-2027 onwards. Complete structure of the programme along with various guidelines in subsequent Senate meeting. b) Authorized Chairman, Senate to nominate one Coordinator as Single Point of Contact for this programme. c) Approved to submit the application to NCTE through online portal.
37.6	To consider and approve the revised NEP course structure and syllabus of B.Tech of all undergraduate programme.	a) Approved the final structure and syllabus of all B Tech programme, as recommended by respective Board of Studies. b) Approved to adopt the curriculum with effect from the 2024-25 admitted batch onwards. c) Approved to make provision to offer 1 credit based courses based on industry, entrepreneurship, Design thinking, Health and wellness, Yoga etc as separate basket and offer any time from eminent external experts and total number of such 1-credit courses are equivalent to Internship/summer course and is to be monitored by the Humanities and Social Sciences Department.
37.7	**Ratification item:** Consider and ratify the seat withdrawal of the following B Tech/Ph.D students a) Suryansh Raghuvanshi (24103001), Computer Science and Engineering. b) Abhishek Kumar Gupta (24107003, Mechanical Engineering. c) Kumar Pranjal (24107028), Mechanical Engineering. d) Radhakanta Irom(24401008), Civil Engineering.	Ratified withdrawal of four students.
37.8	To consider and approve the results of even semester of Academic year 2024-25 for B.Tech, M.Tech, M.Sc and Ph.D. programmes.	a) Approved the results of even semester of Academic year 2024-25 of B Tech, M Tech, M.Sc and Ph.D programmes. (Annexure I) b) Members of the Senate suggested to offer more tutorial classes for courses having more failures / low pass percentage. c) Members of the Senate suggested to complete the academic audit for all courses offered by each department in Academic year 2024-25 with

		external experts and present the summary of the audit reports in the next Senate meeting.
37.9	Any other items with the permission of Chair a) Cancellation of Ph.D registration of Mr. Nongmaithem Amit Singh, (23402001), a Ph.D Student from Chemistry department: Mr. Nongmaithem Amit Singh joined as project staff and not drawn any institute fellowship and registered for the Ph.D programme on August 16, 2023. DC and DPPC meeting of the department was recommended for cancellation of Ph.D based on the request submitted by candidate.	Approved to cancel the Ph.D registration.
	b) Cancellation of Ph.D registration Ms Sharon Mayirnao, (24408007), a PhD Student from Mathematics department: DC and DPPC of the department recommended the cancellation of Ms. Sharon Mayirnao Ph.D. admission upon her request.	Approved to cancel Ph.D registration with the condition that Ms Sharon Mayirnao refunds and without demur to the Institute within 30(thirty) days from the date of demand, 50% of the total fellowship amount received by her from the Institute (NIT Manipur) as per Item No. 24.11 resolution of 24th Senate meeting held on 18.02.2022.
	c)Ratification of conversion of Ph.D full time into part-time: Ms. Khangemba Babina Devi, Ph.D students who is working in Mathematics Department since 20.8.2018, received offer of Assistant Professor in D.M. University Imphal, She has completed 6 years and published 2 SCI papers. Her synopsis was completed and in the final stage of Thesis submission. DC and DPPC has recommended her conversion from full time to part time Ph.D. programme as per rules. Chairman, Senate approved the conversion from full time into part time.	Ratified.
	d) Information item: Institute signed MoU with Dhanamanjuri University in the on 21st May 2025.	Noted. Members of the Senate suggested to include as information item in Senate agenda about the MoUs signed from now onwards. (Annexure II)

	d) Consider and approve to appoint adjunct faculty, Professor of Practice, and Visiting faculty in various department.	Recommended for approval to issue rolling advertisement for the appointment of adjunct faculty, Professor of Practice and visiting faculty as per earlier Board approval.

05/06/25

(Prof. Kh. Tomba Singh)
Registrar,
Secretary, Senate
National Institute of Technology Manipur

D V L N Somayajulu 5.6.2025

(Prof. D V L N Somayajulu)
Director,
Ex-Officio Chairman, Senate
National Institute of Technology Manipur

Annexure II

Provisional list of candidates of B.Tech for 12th Convocation

Sl No.	REGNO	NAME	DEGREE	BRANCH	PASSINGYEAR	CPI
1	21101001	SNEHA YENGKHOM	B.Tech.	CE	May-25	7.97
2	21101002	LAISHRAM ROJINA DEVI	B.Tech.	CE	May-25	8.51
3	21101003	WUNGREITHEI MUINAO	B.Tech.	CE	May-25	8.21
4	21101004	KRISHNAND LEIHAORUNGBAM	B.Tech.	CE	May-25	7.84
5	21101005	BAHUL LAISHRAM	B.Tech.	CE	May-25	7.47
6	21101006	K. KAPOKMATEILA	B.Tech.	CE	May-25	7.93
7	21101007	YUMLEMBAM LINDA	B.Tech.	CE	May-25	8.44
8	21101008	THOCKCHOM YAIPHABI CHANU	B.Tech.	CE	May-25	7.62
9	21101009	MARK THEIMI KONGHAR	B.Tech.	CE	May-25	7.39
10	21101010	WANGKHEIMAYUM ADARSH	B.Tech.	CE	May-25	7.29
11	21101011	NENGCHOIHOI HAOKIP	B.Tech.	CE	May-25	6.75
12	21101012	NINGKHUI VICTOR RIAMEI	B.Tech.	CE	May-25	7.36
13	21101013	YUVRAJ SHARMA	B.Tech.	CE	May-25	7.68
14	21101014	RAJKUMAR BHUPINDER SINGH	B.Tech.	CE	May-25	7.58
15	21101015	MOIRANGTHEM NINGTAMBA SINGH	B.Tech.	CE	May-25	7.97
16	21101017	CHRISTOPHER NINGTHOUJAM	B.Tech.	CE	May-25	7.45
17	21101018	YURIZA WAIROKPAM	B.Tech.	CE	May-25	7.93
18	21101019	GOPIDESI VENKATA GOPINADH	B.Tech.	CE	Jul-25	7.15
19	21101020	MANAS BHARDWAJ	B.Tech.	CE	May-25	7.35
20	21101022	MOHIT RAJARAM KHADPE	B.Tech.	CE	May-25	7.7
21	21101023	PURUSHOTTAM KUMAR	B.Tech.	CE	May-25	7.26
22	21101024	PRASHANT KUMAR	B.Tech.	CE	May-25	8.15
23	21101025	BASARI MAMATHA	B.Tech.	CE	May-25	7.52
24	21101026	YUMNAM MANORANJAN SINGH	B.Tech.	CE	May-25	7.48
25	21101027	PRADUMN KUMAR	B.Tech.	CE	May-25	6.96
26	21101028	KALPIT KUMAR	B.Tech.	CE	Jul-25	7.09
27	21101029	KSHETRIMAYUM DEVIKA DEVI	B.Tech.	CE	May-25	7.4
28	21101030	MANISH KUMAR SINGH	B.Tech.	CE	Jul-25	6.48

29	21101031	JITENDRA KUMAR MEENA	B.Tech.	CE	Jul-25	6.96
30	21101032	THANGMONLAL HAOKIP	B.Tech.	CE	May-25	7.59
31	21101033	HMANGTE THANGBOI KOM	B.Tech.	CE	May-25	7.46
32	21101034	L KHUMLIAN	B.Tech.	CE	May-25	7.25
33	21103001	MAIMOM ALBERT	B.Tech.	CSE	May-25	8.74
34	21103002	PRIYARANJAN PHEIROIJAM	B.Tech.	CSE	May-25	7.5
35	21103003	NONGMAITHEM MIRANDA DEVI	B.Tech.	CSE	May-25	8.33
36	21103004	KHUMANTHEM LANTHOIBA MEITEI	B.Tech.	CSE	May-25	8.64
37	21103005	PAIKHOMBA OINAM	B.Tech.	CSE	May-25	7.96
38	21103006	VIKASH RAJAK	B.Tech.	CSE	May-25	7.45
39	21103007	THOKCHOM CHAOBA DEVI	B.Tech.	CSE	May-25	8.41
40	21103008	IROM DARUNJIT SINGH	B.Tech.	CSE	May-25	7.7
41	21103009	IRENGBAM GANGULAR SINGH	B.Tech.	CSE	May-25	8.58
42	21103010	JENNY NEMNGAICHIN HAOKIP	B.Tech.	CSE	May-25	7.64
43	21103011	THANGMINLUN DOUNGEL	B.Tech.	CSE	May-25	7.52
44	21103012	SONGANING THUMRAH	B.Tech.	CSE	May-25	6.69
45	21103013	SHIVANEE NINGTHOUJAM	B.Tech.	CSE	May-25	8.18
46	21103014	WAHENGBAM NIRVASH SINGH	B.Tech.	CSE	May-25	8.48
47	21103015	VISHWARUP WAHENGBAM	B.Tech.	CSE	Jul-25	6.9
48	21103016	MD AMEED RIZVI	B.Tech.	CSE	May-25	8
49	21103017	DUBEY AYUSH MANOJ	B.Tech.	CSE	May-25	7.8
50	21103018	KOLLU LAKSHMI PRAGNA	B.Tech.	CSE	May-25	8.97
51	21103019	SAKSHI BHAKHAR	B.Tech.	CSE	May-25	8.94
52	21103020	SINNGAM KHAIDEM	B.Tech.	CSE	May-25	9.06
53	21103021	THAMATAM SRI HARSHITH REDDY	B.Tech.	CSE	May-25	8.95
54	21103022	CHOURASIYA GAUTAM ARUN	B.Tech.	CSE	May-25	8.3
55	21103023	DIVYANSHU KUMAR	B.Tech.	CSE	May-25	8.77
56	21103024	HEMANT PATIDAR	B.Tech.	CSE	May-25	8.21
57	21103025	SIDDA RAVI VENKATA MANI SAI	B.Tech.	CSE	May-25	8.68
58	21103026	PASUMARTHI VARA	B.Tech.	CSE	May-25	8.43

		RAKESH				
59	21103027	SAMEER KUMAR	B.Tech.	CSE	May-25	8.23
60	21103028	SREERAMA CHARAN TEJA	B.Tech.	CSE	May-25	8.32
61	21103029	MANISH KUMAR TIWARI	B.Tech.	CSE	May-25	8.48
62	21103030	SAMADRITA MUKHERJEE	B.Tech.	CSE	May-25	8.48
63	21103031	ARUSHI KUMARI	B.Tech.	CSE	May-25	7.97
64	21103032	GEESALA SANJAY VENKAT SAI	B.Tech.	CSE	May-25	7.51
65	21103033	GUNTI HARISH	B.Tech.	CSE	May-25	8.43
66	21103034	BAJI SAIDAVALI SHAIK	B.Tech.	CSE	May-25	8.89
67	21103035	KAGITHA LOKESH	B.Tech.	CSE	May-25	8.36
68	21103036	UDAY KIRAN LANKE	B.Tech.	CSE	May-25	8.1
69	21103037	ANKIT KUMAR GUPTA	B.Tech.	CSE	May-25	8.51
70	21103038	BHASKAR RAJ	B.Tech.	CSE	May-25	9.01
71	21103039	AVHAD TUSHAR GAJANAN	B.Tech.	CSE	May-25	8.39
72	21103040	SAURABH JAISWAL	B.Tech.	CSE	May-25	8.22
73	21103042	ARPIT VERMA	B.Tech.	CSE	May-25	8.95
74	21103043	PALA RENUKA	B.Tech.	CSE	May-25	8.27
75	21103044	ANANYA VERMA	B.Tech.	CSE	May-25	8.7
76	21103045	WANGAMBA THOKCHOM	B.Tech.	CSE	May-25	7.07
77	21103046	ABHISHEKH YADAV	B.Tech.	CSE	May-25	8.38
78	21103047	MANGALTON OKRAM	B.Tech.	CSE	May-25	9.14
79	21103048	HARSH SHRIVAS	B.Tech.	CSE	May-25	7.73
80	21103049	TUSHITA GUPTA	B.Tech.	CSE	May-25	8.83
81	21103050	OM PRAKASH	B.Tech.	CSE	May-25	7.23
82	21103051	ADITYA HEMANT GAJBHIYE	B.Tech.	CSE	May-25	8.54
83	21103052	SHIVAKANT	B.Tech.	CSE	May-25	7.56
84	21103053	PERUMALLAPALLI NAVADEEP	B.Tech.	CSE	May-25	7.59
85	21103054	PRACHETA MANOJ BAGDE	B.Tech.	CSE	May-25	8.13
86	21103055	DEVANJOY DAS	B.Tech.	CSE	May-25	8.65
87	21103056	ANGOM NOLINI	B.Tech.	CSE	May-25	7.22
88	21103057	HEISNAM SANJEEKA DEVI	B.Tech.	CSE	May-25	7.5
89	21103058	BHUSHAN BHAYLA PAWARA	B.Tech.	CSE	May-25	7.9
90	21103059	B RUKESH NAYAK	B.Tech.	CSE	May-25	8.15
91	21103061	GINLALMUON KIPGEN	B.Tech.	CSE	May-25	7.53
92	21103062	KC KAGAUDAI PANMEI	B.Tech.	CSE	May-25	7.26

93	21103063	T V KOVEIO PAO	B.Tech.	CSE	May-25	6.65
94	21103064	KAMSANGLIAN	B.Tech.	CSE	May-25	8.25
95	21103065	D. DAVEINAI NGADE	B.Tech.	CSE	May-25	7.71
96	21103066	JOEL PAOTHANGLEN LHOUJEM	B.Tech.	CSE	May-25	7.7
97	21103067	THANGMEISHANG SHIMPHRUI	B.Tech.	CSE	May-25	7.33
98	21103068	NGAMLIENMANG	B.Tech.	CSE	May-25	7.82
99	21103069	FRANCIS THIUMAI	B.Tech.	CSE	May-25	7.86
100	21103070	KONDAVARIPALLI OM PAVAN SAI REDDY	B.Tech.	CSE	May-25	8.58
101	21103071	GINKHANSIAM GUITE	B.Tech.	CSE	May-25	8.3
102	21103072	L LHUNHAOMANG KHONGSAI	B.Tech.	CSE	May-25	7.57
103	21103073	SOIHEMTHUILIU MALANGMEI	B.Tech.	CSE	May-25	8.18
104	21103074	JOEL NANGSIANLIAN LANGEL	B.Tech.	CSE	May-25	7.48
105	21103075	BIJO MURMU	B.Tech.	CSE	May-25	9
106	21103076	DHRUV GUPTA	B.Tech.	CSE	May-25	8.55
107	21103077	SHITAL MODHAVADIYA	B.Tech.	CSE	May-25	9.15
108	21103078	ANANYA KARMAKAR	B.Tech.	CSE	May-25	8.82
109	21103079	SATYAM	B.Tech.	CSE	May-25	8.53
110	21103080	ABHISHEK KUMAR	B.Tech.	CSE	May-25	8.5
111	21103081	ARNAV ARSH	B.Tech.	CSE	May-25	9.24
112	21103082	SANDEEP KUMAR GUPTA	B.Tech.	CSE	May-25	8.93
113	21103083	ARUNIMA ROUT	B.Tech.	CSE	May-25	8.1
114	21103084	ASHWIN UJJWAL BHARTI	B.Tech.	CSE	May-25	8.88
115	21103085	HIMANSHU KUMAR SINGH	B.Tech.	CSE	May-25	9.01
116	20104012	MACHARLA ANURAG	B.Tech.	EE	May-25	7.97
117	21104001	NAOREM TIKENDRAJIT SINGH	B.Tech.	EE	May-25	8.53
118	21104002	KHUMBONGMAYUM LUCKY SINGH	B.Tech.	EE	May-25	7.96
119	21104003	YK SUINI THANGAL	B.Tech.	EE	May-25	6.94
120	21104004	SHEKHARJIT ELANGBAM	B.Tech.	EE	May-25	7.65
121	21104005	LONGJAM ROBERTSON SINGH	B.Tech.	EE	May-25	7.4
122	21104006	RINYA JUNGVA	B.Tech.	EE	May-25	7.92
123	21104007	RIZATWUNG R SHIMRAY	B.Tech.	EE	May-25	6.94
124	21104008	NINGMAYA LAW	B.Tech.	EE	May-25	7.91
125	21104009	SONIMLA L. NINGSHEN	B.Tech.	EE	May-25	8.52
126	21104010	LANCHENBI	B.Tech.	EE	May-25	8.47

		LEICHOMBAM				
127	21104011	THEMMI RAGUI	B.Tech.	EE	May-25	6.9
128	21104013	HRITIK ROSHAN KUMAR MISHRA	B.Tech.	EE	May-25	8.46
129	21104015	NITESH KUMAR SINGH	B.Tech.	EE	May-25	7.49
130	21104016	AVINASH RAJ	B.Tech.	EE	May-25	8.84
131	21104018	UDAY KIRAN THENTU	B.Tech.	EE	May-25	8.72
132	21104019	RAJKISHOR KUMAR	B.Tech.	EE	May-25	8.87
133	21104020	ASHUTOSH KUMAR	B.Tech.	EE	May-25	8.26
134	21104022	CHITTARU BHANU PRAKASH	B.Tech.	EE	May-25	7.81
135	21104023	GAURAV KUMAR	B.Tech.	EE	May-25	8.55
136	21104025	NELSON LEITANTHEM	B.Tech.	EE	May-25	7.66
137	21104026	CHOURAJIT THONGBAM	B.Tech.	EE	May-25	7.11
138	21104027	KHUNDRAKPAM SUSHIL KUMAR SINGH	B.Tech.	EE	May-25	7.92
139	21104028	AVISHEK BHAKTA	B.Tech.	EE	May-25	7.56
140	21104029	GARAKAYALA SHALEM RAJU	B.Tech.	EE	May-25	8.68
141	21104030	MAANSI SAHU	B.Tech.	EE	May-25	7.54
142	21104031	VISLAVATH KARTHIK NAYAK	B.Tech.	EE	May-25	7.67
143	21104032	LHINGCHOIHOI	B.Tech.	EE	May-25	7.29
144	21104033	PAOGOULAL MISAO	B.Tech.	EE	May-25	7.31
145	21104034	CHIHANKHUI LEISAN	B.Tech.	EE	May-25	6.71
146	21104035	GEN GOU LAM	B.Tech.	EE	May-25	7.05
147	21105001	ARIBAM DAYANANDA SHARMA	B.Tech.	ECE	May-25	7.72
148	21105002	KOROUNGANBI KANGJAM	B.Tech.	ECE	May-25	7.63
149	21105003	LOYUMBA SOUGRAKPAM	B.Tech.	ECE	Jul-25	7.09
150	21105004	LABUKTONGBAM RISHIRAJ SHARMA	B.Tech.	ECE	May-25	7.79
151	21105005	R D THEPII ANTHONY VEMAI	B.Tech.	ECE	May-25	6.71
152	21105006	KONA HARSHITH SAI	B.Tech.	ECE	May-25	8.98
153	21105007	SHIVSAMPAT B TAGIRISA	B.Tech.	ECE	May-25	8.74
154	21105008	LEISHANGTHEM TIFENY	B.Tech.	ECE	May-25	7.71
155	21105009	BAME CHANDAM	B.Tech.	ECE	May-25	7.55
156	21105011	SRI RANGAM KUMAR SUNDRAM	B.Tech.	ECE	May-25	8.15

157	21105013	GANGUMOLLA PURNA SAI VIJAYA LAKSHMI	B.Tech.	ECE	May-25	8.21
158	21105014	YUKTA TIWARI	B.Tech.	ECE	May-25	8.57
159	21105015	VANAM NAGA VIVEK KUMAR	B.Tech.	ECE	May-25	8.9
160	21105016	MUCHIPALLI VEERENDRA	B.Tech.	ECE	May-25	8.79
161	21105017	ILLA VAMSI SATYA SAI	B.Tech.	ECE	May-25	7.49
162	21105018	ALOK RAJ HANS	B.Tech.	ECE	May-25	8.43
163	21105019	ABHIJEET KUMAR SHARMA	B.Tech.	ECE	Jul-25	7.24
164	21105020	THONTA HARSHITA DEVI	B.Tech.	ECE	May-25	9.05
165	21105021	KHURAIJAM MEERAJ	B.Tech.	ECE	May-25	7.39
166	21105023	NONGTHOMBAM RONALDO SINGH	B.Tech.	ECE	Jul-25	6.71
167	21105024	RAJEEV KUMAR RANJAN	B.Tech.	ECE	May-25	8.06
168	21105025	NAVIN	B.Tech.	ECE	Jul-25	6.84
169	21105026	PARLA SHAKEENA	B.Tech.	ECE	Jul-25	6.7
170	21105029	HARSHAJEET RABHA	B.Tech.	ECE	May-25	7.66
171	21105030	MUDAVATH SANNATH NAIK	B.Tech.	ECE	May-25	7.8
172	21105031	ABHISHEK KUMAR	B.Tech.	ECE	May-25	7.86
173	21105032	JATOTHU SAIKUMAR	B.Tech.	ECE	Jul-25	7.32
174	21105033	JADAV LOKESH KUMAR	B.Tech.	ECE	Jul-25	6.88
175	21105034	DUGGIRALA MAHESH BABU	B.Tech.	ECE	May-25	7.52
176	21105036	KAMATCHI S	B.Tech.	ECE	May-25	8.3
177	21105037	SHINGUINGAM PHAOMEI	B.Tech.	ECE	May-25	7.29
178	21105038	M C. THEMCHAN	B.Tech.	ECE	Jul-25	6.89
179	21107001	WUNGRAMPEI SEMMI LANGKHAMWO	B.Tech.	ME	May-25	7.61
180	21107002	VANSO MASHANGVA	B.Tech.	ME	Jul-25	7.02
181	21107003	CHUNGMEISO CHITHUNG	B.Tech.	ME	May-25	7.16
182	21107004	NGARINSING RUIVAH	B.Tech.	ME	May-25	7.38
183	21107005	VAREMI SHIYANG	B.Tech.	ME	May-25	8.21
184	21107006	RASHAK KHALENG	B.Tech.	ME	May-25	8.42
185	21107007	LAISHRAM THOITHOI SINGH	B.Tech.	ME	May-25	7.74
186	21107008	RAHUL DAS	B.Tech.	ME	May-25	8.33
187	21107009	GURUMAYUM DURJEET SHARMA	B.Tech.	ME	May-25	8.27
188	21107010	KELAM SOMASEKHAR	B.Tech.	ME	May-25	7.67
189	21107011	BASETTI KALYAN	B.Tech.	ME	May-25	9

		KUMAR				
190	21107012	NITIN SHARMA	B.Tech.	ME	May-25	8.26
191	21107015	VEERAMALLU NAGA ANIRUDH	B.Tech.	ME	May-25	8.08
192	21107019	SRISHTI	B.Tech.	ME	May-25	8.58
193	21107020	SHIKSHASINGH	B.Tech.	ME	May-25	8.78
194	21107021	AKASH BABU	B.Tech.	ME	May-25	8.54
195	21107022	PRATEEK KUMAR CHAUDHARY	B.Tech.	ME	May-25	7.43
196	21107023	CHIPPALAPALLY SPOORTHI	B.Tech.	ME	May-25	7.31
197	21107024	HAUGOUMUAN KHUPTONG	B.Tech.	ME	May-25	7.67
198	21107025	DHARMASOTH HARSHAVARDHAN	B.Tech.	ME	May-25	7.54
199	21107026	HIMANSHU	B.Tech.	ME	May-25	8.42
200	21107029	APOLLOS MARAKPA	B.Tech.	ME	May-25	6.78
201	21107030	KHUMMUANGUITE	B.Tech.	ME	May-25	7.54
202	21107031	KARONGRENIWARKOM	B.Tech.	ME	May-25	8.17
203	21107032	NUNKHANSANGTONSING	B.Tech.	ME	May-25	7.4

Provisional list of candidates of M.Tech for 12th Convocation

Sl No.	REGNO	NAME	DEGREE	BRANCH	PASSING YEAR	CPI
1	23205002	THINGBAIJAMSHARAJU	M.Tech	COMMUNICATION AND SIGNAL PROCESSING	May-25	8.08
2	23203001	NGANGOM ROBERT SINGH	M.Tech	COMPUTER SCIENCE & ENGINEERING	May-25	9.39
3	23203003	CHONGTHAMNEPHOLARSINGH	M.Tech	COMPUTER SCIENCE & ENGINEERING	May-25	6.7
4	23203004	RK PIONEER SINGH	M.Tech	COMPUTER SCIENCE & ENGINEERING	May-25	8.02
5	23203005	THOKCHOMFEEMI DEVI	M.Tech	COMPUTER SCIENCE & ENGINEERING	May-25	8.27
6	23201016	JOYKUMARKHABACHONGTHAM	M.Tech	ENVIRONMENTAL AND WATER	May-25	7.62

				RESOURCE ENGINEERING		
7	23201017	PHAIREMBAM KRITIKUMAR	M.Tech	ENVIRONMENTAL AND WATER RESOURCE ENGINEERING	May-25	7.28
8	23201018	MOHNA MAYANGLAMBAM	M.Tech	ENVIRONMENTAL AND WATER RESOURCE ENGINEERING	May-25	9.15
9	23201019	NENA THOKCHOM	M.Tech	ENVIRONMENTAL AND WATER RESOURCE ENGINEERING	May-25	9.47
10	23201020	JAISHREETHANGJAM	M.Tech	ENVIRONMENTAL AND WATER RESOURCE ENGINEERING	May-25	8.28
11	23201022	THONGAM ARJUN SINGH	M.Tech	ENVIRONMENTAL AND WATER RESOURCE ENGINEERING	May-25	7.94
12	23201023	ROBINSON MOIRANGTHEM	M.Tech	ENVIRONMENTAL AND WATER RESOURCE ENGINEERING	May-25	7.89
13	23201024	NONGTHOMBAM PRADEEP SINGH	M.Tech	ENVIRONMENTAL AND WATER RESOURCE ENGINEERING	May-25	8.43
14	23201026	LEIMAPOKPAMLANGTA INGAMBA	M.Tech	ENVIRONMENTAL AND WATER RESOURCE ENGINEERING	May-25	8
15	23201027	LANLEIMANAMEIRAKPAM	M.Tech	ENVIRONMENTAL AND WATER RESOURCE ENGINEERING	May-25	7.38
16	23201028	LAISHRAMSUKARAJSINGH	M.Tech	ENVIRONMENTAL AND	May-25	7.34

				WATER RESOURCE ENGINEERING		
17	23201029	HIJAM WARJIT SINGH	M.Tech	ENVIRONMENTAL AND WATER RESOURCE ENGINEERING	May-25	7.28
18	23204001	NAOREM RUDRA	M.Tech	POWER & CONTROL SYSTEM(EE)	May-25	8.63
19	23204002	MOHDSARTAJ AHMED SHEIKH	M.Tech	POWER & CONTROL SYSTEM(EE)	May-25	8.03
20	23204003	NIKESH NONGTHOMBAM	M.Tech	POWER & CONTROL SYSTEM(EE)	May-25	7.79
21	23204004	KHAMNAM MIMIKY	M.Tech	POWER & CONTROL SYSTEM(EE)	May-25	8.05
22	23201001	RAJKUMARTANNUS SINGH	M.Tech	STRUCTURAL ENGINEERING	May-25	9.23
23	23201002	OBEROI KABRAMBAM	M.Tech	STRUCTURAL ENGINEERING	May-25	9.46
24	23201003	BARUN LAISHRAM	M.Tech	STRUCTURAL ENGINEERING	May-25	8.68
25	23201004	NISHA MAIBAM	M.Tech	STRUCTURAL ENGINEERING	May-25	9.29
26	23201005	SIDHARTH OKRAM	M.Tech	STRUCTURAL ENGINEERING	May-25	8.95
27	23201006	LINTHOINGANBIHAOBIJAM	M.Tech	STRUCTURAL ENGINEERING	May-25	8.79
28	23201008	YAIPHABAMAIBAM	M.Tech	STRUCTURAL ENGINEERING	May-25	8.67
29	23201009	T BIDYAPATI DEVI	M.Tech	STRUCTURAL ENGINEERING	May-25	8.86
30	23207001	R K NARAYANAN	M.Tech	THERMAL AND FLUIDS ENGINEERING	May-25	8.33
31	23207002	USHAMLENSON SINGH	M.Tech	THERMAL AND FLUIDS ENGINEERING	May-25	7.84
32	23205003	YUMLEMBAM KIMI	M.Tech	VLSI & EMBEDDED SYSTEM	Jul-25	8.31
33	22201004	POLEM JESIADA	M.Tech Part Time	STRUCTURAL ENGINEERING	May-25	8.79

35	22201005	NAOROIBAM BIDYAMANI CHANU	M.Tech Part Time	STRUCTURAL ENGINEERING	May-25	8.79
35	23201021	ARVIN YUMNAM	M.Tech	ENVIRONMENTAL AND WATER RESOURCE ENGINEERING	May-25	6.51

Provisional list of candidates of M.Sc. for 12th Convocation

Sl No.	REGNO	NAME	DEGREE	BRANCH	PASSING YEAR	CPI
1	23302001	GRACY SALAM	M.Sc	CHEMISTRY	May-25	8.88
2	23302002	SINGAMAYUMRABIA	M.Sc	CHEMISTRY	May-25	8.48
3	23302004	SHINTHANGAMBAKHANGEMBAM	M.Sc	CHEMISTRY	May-25	6.75
4	23302005	LAISHRAM ANIL SINGH	M.Sc	CHEMISTRY	May-25	6.96
5	23302006	ELISTONLONGJAM	M.Sc	CHEMISTRY	May-25	8.62
6	23302007	JOHN LAISHRAM	M.Sc	CHEMISTRY	May-25	7.78
7	23302008	NG SHEREINAI BLISS	M.Sc	CHEMISTRY	May-25	8.44
8	23302009	RONALDO NONGMAITHEM	M.Sc	CHEMISTRY	May-25	7.12
9	23302010	LAIKHURAM SUSHMITA DEVI	M.Sc	CHEMISTRY	May-25	8.49
10	23302011	NAVIN KUMAR SAINI	M.Sc	CHEMISTRY	May-25	7.59
11	22308006	NGANGOMNONGDAMBA MEITEI	M.Sc	MATHEMATICS & COMPUTING	Jul-25	5.83
12	23308001	MAHESH KUMAR	M.Sc	MATHEMATICS & COMPUTING	May-25	8.02
13	23308002	GUDDUKUMAR	M.Sc	MATHEMATICS & COMPUTING	May-25	6.18
14	23308003	POULAMIPRAMANIK	M.Sc	MATHEMATICS & COMPUTING	May-25	7.71
15	23308004	SHAIBAL MANI	M.Sc	MATHEMATICS & COMPUTING	May-25	7.53
16	23308005	NEETESHRAJPOOT	M.Sc	MATHEMATICS & COMPUTING	May-25	7.64
17	23308006	SURYADEEPKUCHHAVA	M.Sc	MATHEMATICS & COMPUTING	May-25	7.24

18	23308007	LUCKY SHARMA	M.Sc	MATHEMATICS & COMPUTING	May-25	7.66
19	23308008	ABHISHEK GUPTA	M.Sc	MATHEMATICS & COMPUTING	May-25	6.34
20	23308009	NITIKSHA	M.Sc	MATHEMATICS & COMPUTING	May-25	7.48
21	23308010	ASWINI DOLAI	M.Sc	MATHEMATICS & COMPUTING	May-25	6.21
22	23308011	SHIVANI SINGH	M.Sc	MATHEMATICS & COMPUTING	May-25	9.33
23	23308012	CHARU YADAV	M.Sc	MATHEMATICS & COMPUTING	May-25	8.16
24	23308013	SHORAISHAMJOYCHAND	M.Sc	MATHEMATICS & COMPUTING	May-25	6.97
25	23308014	THOTRINGRAMROR	M.Sc	MATHEMATICS & COMPUTING	Jul-25	6.05
26	23308015	RK BORIS SINGH	M.Sc	MATHEMATICS & COMPUTING	May-25	6.41
27	23308016	THANGJAMLAMYANBA MEITEI	M.Sc	MATHEMATICS & COMPUTING	Jul-25	5.99
28	23309001	AHANTHEMBANTY SINGH	M.Sc	PHYSICS	May-25	8.32
29	23309004	BIKAJI KONTHOUJAM CHANU	M.Sc	PHYSICS	Jul-25	6.72
30	23309005	SIMEON LITHOS	M.Sc	PHYSICS	Jul-25	6.86
31	23309006	MARTINA RAJKUMARI	M.Sc	PHYSICS	May-25	7.99
32	23309008	LOUREMBAM MARIA DEVI	M.Sc	PHYSICS	May-25	8.15
33	23309009	PARASHKONJENGBAM	M.Sc	PHYSICS	May-25	8.14
34	23309011	HEIKRUJAMANILKUMAR SINGH	M.Sc	PHYSICS	May-25	7.13
35	23309012	KHONGBANTABAMSUNANDACHANU	M.Sc	PHYSICS	Jul-25	6.12
36	23309014	AKOIJAMARUNA DEVI	M.Sc	PHYSICS	May-25	7.36
37	23309015	PAIKHOMBAYUMNAM	M.Sc	PHYSICS	Jul-25	6.48

Provisional List of Candidates for Ph.Dprogramme for 12th Convocation

Sl No	REGNO	STUDENT	DEPARTMENT	PASSOUT	SUPERVISOR	THESIS TOPIC
1	19402001	CHANDRESH KUMAR PATEL	CHEMISTRY	4/3/2025	Dr. ChandiCharan Malakar	Development of Cascade C-N Bond Generation Strategies: Application in the Synthesis of Nitrogen Containing Cyclic and Acyclic Molecules
2	19402002	MAYNAK PAL	CHEMISTRY	17/01/2025	Dr. Mithun Roy	STRATEGIC DEVELOPMENT OF NEXT-GENERATION Fe(III) COMPLEX FUNCTIONALIZED GOLD NANOPARTICLES TOWARD TARGETED PHOTO-CHEMOTHERAPEUTIC APPLICATIONS
3	20402007	REETU	CHEMISTRY	10/3/2025	Dr. ChandiCharan Malakar	Development of Strategies towards the Synthesis of Iodo-Derivatives: Impacts of the Hetero- and Carbocyclic Moieties
4	20403004	HIDANGMAYUM SATYAJEET SHARMA	COMPUTER SCIENCE & ENGINEERING	2/6/2025	Dr. Kh. Johnson Singh	DEEP LEARNING AND ENSEMBLE BASED INTRUSION DETECTION SYSTEMS : STRATEGIES FOR IMPROVED NETWORK SECURITY
5	18408001	CHINGTHAM SONIA	MATHEMATICS	16/04/2025	Dr. SanasamSurendra Singh	STUDY OF DYNAMICAL SYSTEMS IN COSMOLOGICAL SOLUTIONS
6	20408003	KHAIRUL HABIB ALAM	MATHEMATICS	5/5/2025	Dr. Y. Rohen Singh	Studies in Fixed Point Theory and Iterative Methods with Aplications to Real - world Problems

7	20408004	G. THANGKHENPAU	MATHEMATICS	30/04/2025	Dr. Sunil Panday	DEVELOPMENT AND CONVERGENCE ANALYSIS OF SOME NEW ITERATIVE METHODS FOR NONLINEAR EQUATIONS
8	18407005	MEENUGA SHANTHIRAJU	Mechanical Engineering	21/03/2025	Dr. Anil Kumar Birru, Associate Professor, Dept. of ME, NIT Manipur.	Development of Cost-Effective Nanocrystalline Soft Magnetic Fe-Si-B-Nb-Cu Alloys: Optimization of Planar Flow Melt Spinning Process Parameters for Obtaining High-Quality Amorphous Ribbons
9	18409008	AYEKPAM KIRANJIT SINGH	PHYSICS	16/04/2025	Dr. IbetombiSoibam	STRUCTURAL, DIELECTRIC AND MAGNETIC STUDIES OF FERROELECTRIC - FERROMAGNETIC COMPOSITES
10	18409009	JACKSON PAME	PHYSICS	18/07/2025	Shagolsem Lenin Singh	Effect of size-polydispersity on the phase behavior and transport properties of low dimensional fluids
11	19409001	IROM MONIKA ANIZ	PHYSICS	5/5/2025	Dr. MamataMaisnam	STUDY OF METAL OXIDES (MnO_2, TiO_2) ADDED POTASSIUM SODIUM NIOBATE CERAMICS SINTERED BY ONE STEP AND TWO STEP CONVENTIONAL SINTERING
12	19409002	URIKHINBAM SOMAS SINGH	PHYSICS	28/04/2025	Dr. S. Lenin	ON THE INVESTIGATION OF SIZE-POLYDISPERSE MODEL IONIC LIQUIDS

13	21409002	AISHWARYA MADHURI	PHYSICS	17/03/2025	Dr. Bibhu Prasad Swain	ATOMIC COORDINATION, MECHANICAL STABILITY AND SURFACE ANALYSIS OF TERNARY AlN-BASED THIN FILMS: IMPLICATIONS FOR HARD COATING APPLICATIONS
14	21409010	SUMITRA DUTTA	PHYSICS	28/07/2025	Dr. Bibhu Prasad Swain	Metal-Doped Iron Oxide-Reduced Graphene Oxide Nanocomposites: Role of Functionalization and Electronic Environments for Supercapacitor Applications

ANNEXURE III

NOTE SHEET

Page No.

File No. NITM
Sub

Minutes of the Institute Academic Disciplinary Committee (IADC) held on 28/07/2025 at 01 PM in the Conference Hall, NIT Manipur, Langol regarding the award of Gold Medals to the Branch Topper of B.Tech in the coming 12th Convocation

Members present were:

1. Dr. Khelchandra Thongam, Dean (AA) - Chairman
2. Dr. Benjamin A. Shimray, Associate Prof., EE Dept. & CoE - Member
3. Dr. Prabhat Kumar, Assistant Prof., ME Dept. & HoD - Member
4. Dr. Sagolsem Lenin Singh, Associate Prof., Phy Dept. & HoD - Member

As per the Examination records and verified by the Controller of Examinations, the following B.Tech students who secured highest CPI in their respective branches:

Sr. No	Branch	Enrolment No.	Student Name	CPI
1	Computer Science & Engineering	21103081	Arnav Arsh	9.24
2	Electronics & Communication	21105020	Thonta Harshita Devi	9.05
3	Civil Engineering	21101002	Laishram Rojina Devi	8.51
4	Mechanical Engineering	21107011	Basetti Kalyan Kumar	9.00
5	Electrical Engineering	21104019	Rajkishor Kumar	8.87

As per the Ordinance for the award of Medals to graduating students, a student may be considered for the award of an institute medal only if:

1. He/she has cleared all the prescribed courses of the concerned semesters in the first available chance.
2. No disciplinary action was taken against him/her by the institute during his/her entire academic career in the institute.
3. He/she has obtained a cumulative performance index (CPI) of at least 8.0 at the end of the final semester of the programme.
4. In case of a tie in the CPI, the medal will be awarded to the student who has earned the highest number of credits with 10 grade points, followed by JEE (Main)/AIEEE score for the BTech.

Branch wise merit list was requisitioned from the Controller of Examinations (enclosed for reference).

Resolution:

After threadbare discussion and keeping in view of all the records as per ordinance, it is found that there is no disciplinary action against the above students and there is no back log in any semesters. So, the committee recommends for the award of Institute Gold Medals to the students in the 12th Convocation which are enumerated below:

Sr. No	Branch	Enrolment No.	Student Name	CPI
1	Computer Science & Engineering	21103081	Arnav Arsh	9.24
2	Electronics & Communication	21105020	Thonta Harshita Devi	9.05
3	Civil Engineering	21101002	Laishram Rojina Devi	8.51
4	Mechanical Engineering	21107011	Basetti Kalyan Kumar	9.00
5	Electrical Engineering	21104019	Rajkishor Kumar	8.87

2. The committee recommends for the award of Chairman's Gold Medal to Mr. Arnav Arsh in the 12th Convocation.

(Dr. Benjamin A. Shimray)
Member

(Dr. Prabhat Kumar)
Member

(Dr. Sagolsem Lenin Singh)
Member

(Dr. Khelchandra Thongam)
Chairman

NOTE SHEET

File No. NITM
Sub:

Minutes of the Students Disciplinary Committee (SDC) held on 28.07.2025 at 02 PM in the Conference Hall, NIT Manipur, Langol regarding the award of Gold Medals to the Branch Topper of B.Tech in the coming 12th Convocation.

Members present were:

1. Dr. Ng. Romeji, Dean (SW) - Chairman
2. Dr. Benjamin A. Shimray, Associate Prof., EE Dept. & CoE - Member
3. Dr. Ashish Ranjan, Associate Prof., ECE Dept. & HoD - Member
4. Dr. Sunil Panday, Associate Prof., Mathematics Dept. & HoD - Member

As per the Examination records and verified by the Controller of Examinations, the following B.Tech students who secured highest CPI in their respective branches:

Sr. No	Branch	Enrolment No.	Student Name	CPI
1	Computer Science & Engineering	21103081	Arnav Arsh	9.24
2	Electronics & Communication	21105020	Thonta Harshita Devi	9.05
3	Civil Engineering	21101002	Laishram Rojina Devi	8.51
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As per the Ordinance for the award of Medals to graduating students, a student may be considered for the award of an institute medal only if:

1. He/the has cleared all the prescribed courses of the concerned semesters in the first available chance.
2. No disciplinary action was taken against him/her by the institute during his/her entire academic career in the institute.
3. He/she has obtained a cumulative performance index (CPI) of at least 8.0 at the end of the final semester of the programme.
4. In case of a tie in the CPI, the medal will be awarded to the student who has earned the highest number of credits with 10 grade points, followed by JEE (Main)/AIEEE score for the BTech.

Branch wise merit list was requisitioned from the Controller of Examinations (enclosed for reference).

Resolution:

After threadbare discussion and keeping in view of all the records as per ordinance, it is found that there is no disciplinary action against the above students and there is no back log in any semesters. So, the committee recommends for the award of Institute Gold Medals to the students in the 12th Convocation which are enumerated below:

Sr. No	Branch	Enrolment No.	Student Name	CPI
1	Computer Science & Engineering	21103081	Arnav Arsh	9.24
2	Electronics & Communication	21105020	Thonta Harshita Devi	9.05
3	Civil Engineering	21101002	Laishram Rojina Devi	8.51
4	Mechanical Engineering	21107011	Basetti Kalyan Kumar	9.00
5	Electrical Engineering	21104019	Rajkishor Kumar	8.87

2. The committee recommends for the award of Chairman's Gold Medal to Mr. Arnav Arsh in the 12th Convocation.

(Dr. Benjamin A. Shimray)
Member

(Dr. Ashish Ranjan)
Member

(Dr. Sunil Panday)
Member

(Dr. Ng. Romeji)
Chairman

ANNEXURE IV

राष्ट्रीय प्रौद्योगिकी संस्थान,मणिपुर

NATIONAL INSTITUTE OF TECHNOLOGY, MANIPUR

Takyelpat Imphal Ph. (0385) 2445812 / email:- nitmanipur@yahoo.in

An Autonomous Institute under MHRD, Govt. of India.

Minutes of the Meeting of DPPC

Department: Department of Humanities and Social Sciences

Venue: HSS

Date and Time: 25/08/2025, 3:00 PM

Members present:

Sl. No.	Name of the Faculty	Designation	Role
1.	Dr.Moirangthem Nirmalkumar Singh	Assistant Professor	Chairman
2.	Dr. Sangeeta Laishram	Associate Professor	Member
3.	Dr. Anil Kumar Birru	Associate Professor (ME)	Member
4.	Dr. Th Tamphasana Devi	Associate Professor (CE)	Member

Agenda:

1. To discuss and recommend courses and syllabus of PhD programme in management/entrepreneurship for sending it to IPPC and senate approval.

Resolutions:

The meeting of DPPC of the Department of Humanities and Social Sciences have taken following resolutions:

1. Following courses and their syllabus for course work of PhD programme in management/entrepreneurship/social sciences are recommended for sending it to IPPC and Senate approval:
   1. HS711 ENTREPRENEURIAL FINANCE
   2. HS712 ENTREPRENEURSHIP DEVELOPMENT
   3. HS713 BUSINESS ENVIRONMENT AND POLICY

Signatures:

Nirmal 25/8/2025 — (Dr. M. Nirmalkumar Singh, Chairman, DPPC)

Sangeeta Laishram 25/08/2025 — (Dr. Sangeeta Laishram, Member)

(Dr. Anil Kumar Birru, Member)

25/8/25 — (Dr. Th. Tamphasana Devi, Member)

Course Title: HS711 Entrepreneurial Finance **(3-0-0-6)**

Introduction to Entrepreneurial Finance: Role of finance in entrepreneurship. Distinct features of entrepreneurial finance vs. corporate finance. Financial lifecycle of startups. Key financial decisions for entrepreneurs.

Business Models and Financial Planning: Revenue models and cost structures. Break-even analysis. Business plan financial components. Pro forma financial statements. Working capital management.

Startup Financing Options: Bootstrapping techniques and founder capital. Friends & family investment. Angel investors: networks and selection criteria. Venture capital: stages. criteria. processes. Debt vs. equity financing for startups. Government and institutional support (India-specific focus: SIDBI. Startup India, etc.).

Valuation of New Ventures: Challenges in valuing startups. Discounted Cash Flow (DCF) for startups. Venture Capital method. First Chicago method. Comparable company analysis. Pre-money and post-money valuation.

Managing Financial Risk in Startups: Types of risk in startups: market. operational. financial. etc., Risk assessment techniques. Insurance and hedging strategies. Building financial flexibility. Managing dilution and burn rate.

Exit Strategies and Harvesting: IPOs. mergers and acquisitions. Buybacks. Harvesting through private equity. Exit planning for founders and early investors. Case studies of successful and failed exits.

Textbooks:

Leach, J. C., & Melicher, R. W. (2018). *Entrepreneurial Finance*. 6th ed. Cengage Learning.

Additional References:

1. Smith, J. K., Smith, R. L., & Bliss, R. T. (2011). *Entrepreneurial Finance: Strategy, Valuation, and Deal Structure*. Stanford University Press.
2. Metrick, A., & Yasuda, A. (2021). *Venture Capital and the Finance of Innovation*. 3rd ed. Wiley.
3. IIMB and ISB Case Studies on Indian Startups
4. Government of India. (2023). *Startup India Action Plan & Financial Guidelines*.

25/8/25

Sangeeta Vaishnav 25/08/2025

25/08/2025

Course Title: HS712 Entrepreneurship Development **(3-0-0-6)**

Introduction to Entrepreneurship: Concept and definition of entrepreneurship, Evolution and historical perspectives, Types of entrepreneurs: necessity vs. opportunity, Characteristics and competencies of successful entrepreneurs, Intrapreneurship.

Entrepreneurial Environment and Ecosystem: National and global entrepreneurial ecosystems. Policy support: Startup India, Atal Innovation Mission, Make in India, Role of incubation centers, accelerators, and angel investors, Entrepreneurial culture and economic development.

Innovation, Creativity, and Idea Generation: Sources of innovation and idea generation, Design thinking and creative problem solving, Feasibility analysis and opportunity evaluation, Intellectual Property Rights (IPR) basics.

Business Model and Business Planning: Business Model Canvas and Lean Canvas, Elements of a business plan, Vision, mission, and goal setting, Industry analysis and market segmentation

Financial and Marketing Aspects of New Ventures: Estimating startup costs and break-even analysis, Sources of finance: bootstrapping, banks, VCs, crowdfunding. Basics of financial projections, Startup marketing: STP, 4Ps, digital strategies, Building brand identity and customer acquisition

Legal, Operational, and Managerial Aspects: Legal forms of business: Sole proprietorship, LLP, Pvt. Ltd., Registration process, tax compliance (GST, PAN, etc.), Startup governance and ethics, Operations management for startups: SCM, quality, logistics

Scaling, Exit, and Failure: Growth strategies: franchising, joint ventures, acquisitions, Exit strategies: IPO, acquisition, shutdown, Learning from failure and resilience, Mental health and burnout in entrepreneurs.

Textbook:

Hisrich, R., Peters, M., & Shepherd, D. (2017). *Entrepreneurship*. McGraw-Hill Education.

References:

1. Kuratko, D. F. (2016). *Entrepreneurship: Theory, Process, and Practice*. Cengage Learning.
2. Ries, E. (2011). *The Lean Startup*. Crown Business.
3. Timmons, J. A., & Spinelli, S. (2015). *New Venture Creation: Entrepreneurship for the 21st Century*. McGraw-Hill.

HS713 Business Environment and Policy

Introduction to Business Environment: Concept, nature, and significance of business (3-0-0-6) environment; Types of environments: internal, external, micro, macro; Environmental scanning and analysis (PESTLE, SWOT); Structure and performance of Indian business.

Economic Environment and Policy: Macroeconomic indicators: GDP, inflation, interest rates, fiscal deficit; Economic planning in India: from Five-Year Plans to NITI Aayog; Liberalization, Privatization, and Globalization (LPG reforms); New Industrial Policy, Make in India, Start-up India; Economic policies affecting trade, investment, and industry.

Political and Legal Environment: Role of state in business; Political institutions and ideologies; Centre-State relations and business; Regulatory environment: Companies Act, Competition Act, Consumer Protection Act, IBC; Policy formulation and implementation.

Socio-Cultural and Technological Environment: Impact of culture, values, and social change on business; Demographic shifts and consumer behavior; CSR, ESG, and sustainability trends; Technology policy, innovation systems, and digital economy; Role of AI, data protection policy, and emerging tech regulations

International Business Environment and Global Institutions: Globalization and international business strategy; WTO, IMF, World Bank, UNCTAD: Roles and critiques; Regional trade blocs: EU, ASEAN, SAARC, RCEP; India's foreign trade policy and FTAs; Geo-political risk and business (e.g., US-China trade war, BRICS).

Contemporary Issues and Public Policy in India: Industrial, trade, fiscal, and monetary policies; Labour policy, FDI policy, MSME policy, Atmanirbhar Bharat; Environmental policy and green economy; Policy challenges in e-commerce, platform economy, and gig work; Public-private partnerships and infrastructure policy.

Textbooks:

1. Cherunilam, F., *Business Environment*, Himalaya Publishing
2. K Ashwathappa, Essentials of Business Environment, Himalaya Publishing House
3. Paul, Justin – *Business Environment: Text and Cases*, McGraw Hill

Other Readings:

1. Sundaram & Black – *International Business Environment: Text and Cases*
2. Government of India – *Economic Survey (latest)*
3. NITI Aayog – Strategy and Policy Reports
4. RBI, World Bank, and WTO Annual Reports

25/8/25

Vishwadh 25/8/2025

Sangate Laishram 25/08/2025.

25/08/25

ANNEXURE V

VALUE ADDED COURSE (VAC) PROGRAM CURRICULUM

NIT MANIPUR

Total Credits: 3 (1 Credit per Course) Each Course Duration: 15 Hours
Target Audience: B.Tech, M.Tech, and Ph.D. students (Multidisciplinary)

VAC1101: ManageWell – Principles of Management for Future Leaders

Credit: 1 | **Hours:** 15 | **Type:** Professional Elective

Course Objective:

To provide an interdisciplinary and practice-based understanding of core management principles relevant for students leading projects, startups, research labs, or teams.

Learning Outcomes:

- Apply principles of strategic, operational, and financial management
- Understand leadership and organizational behavior
- Learn the basics of resource and time management
- Navigate communication and decision-making processes

Module Plan:

Module	Topic	Hours	Methodology
1	Foundations of Management Theory	2	Lecture + Discussion
2	Strategic Planning & Visioning	2	Case Simulation + Strategic Map
3	Organizational Structures & Culture	2	Simulation + Org Chart Creation
4	Leadership & Decision-Making	2	Styles, Emotional Intelligence Exercises
5	Financial Management Basics	2	Budgeting Exercise + Tools
6	Time & Resource Management	2	Gantt Charts + Planning Tools
7	Integrated Simulation: Startup Day	3	Cross-functional Team Exercise

Assessment Breakdown:

- Participation & Simulation – 40%
- Strategy Brief & Budget Sheet – 30%
- Group Management Challenge – 30%

6/08/2025 6th Aug 2025

VAC1102: EntrepreneurX – Mindset, Models & Motivation

Credit: 1 | **Hours:** 15 | **Type:** Skill-based Elective

Course Objective:

To develop entrepreneurial competencies such as opportunity recognition, value creation, risk management, and creative leadership with a focus on Northeast India and frugal innovation.

Learning Outcomes:

- Identify entrepreneurial traits and build entrepreneurial mindset
- Understand how to move from idea to opportunity to solution
- Build business models using lean tools
- Understand startup challenges and resilience

Module Plan:

Module	Topic	Hours	Methodology
1	Entrepreneurial Thinking	2	Lecture + Founders' Stories
2	Entrepreneurial Traits (Grit, Risk, Vision)	2	Self-Audit + Role Models
3	Opportunity Identification	2	Ideation Canvas + Field Cases
4	Business Model Canvas	3	Hands-on Workshop + Peer Review
5	Funding Basics (Bootstrapping, Grants, Govt)	2	Simulation + Guest Session
6	Regional Entrepreneurship Ecosystem	2	NE Startup Case Studies + Incubators
7	Final Pitch: Idea to Value Proposition	2	Team Presentation + Feedback

Assessment Breakdown:

- Idea Journal & Canvas – 30%
- Group Pitch – 40%
- Participation & Peer Review – 30%

6/08/2025

6th Aug 2025

VAC1103: Design Sprint – Concepts, Tools & Applications

Credit: 1 | **Hours:** 15 | **Type:** Skill-based Elective

Course Objective:

To introduce students to the fundamentals of Design Thinking and enable them to apply its tools and processes to solve real-world problems with creativity, empathy, and innovation.

Learning Outcomes:

- Understand the 5 stages of design thinking
- Apply empathy-based research to problem-solving
- Develop problem definitions and reframe challenges
- Ideate solutions using creative brainstorming tools
- Prototype and test ideas

Module Plan:

Module	Topic	Hours	Methodology
1	Evolution of Design Thinking	2	Lecture + Stanford vs Indian Traditions
2	Empathy + Problem Framing	3	Field Activity + Mapping Tools
3	Ideation Tools (SCAMPER, Brainstorming)	2	Group Activity + Storyboards
4	Prototyping (Lo-Fi Models)	2	Hands-on Prototyping + Critique
5	Testing & Feedback	2	Peer Testing + Feedback Loops
6	Design Thinking for Research & Industry	2	Application Cases: Healthcare, Education, Tech
7	Capstone Mini-Project Presentation	2	Teams pitch solutions + Peer Review

Assessment Breakdown:

- Class Activities & Participation – 30%
- Project Prototyping & Presentation – 40%
- Reflection & Design Log – 30%

Add-ons (Applicable to All Courses):

- Industry/Startup Founder Guest Talk (1 hour per course)
- Access to CBDE Startup Resources & Incubator

6/08/2025

6th Aug 2025

VAC 1201: Inner Balance: Mental Health, Mindfulness & Happiness Practices

Credit: 1 Credit
Duration: 15 Hours
Type: Interdisciplinary Skill-based Elective
Target Audience: B.Tech, M.Tech, Ph.D. (Open to all disciplines)

Course Objective: This course is designed to help students develop greater emotional well-being, self- awareness, and resilience through the integration of yoga, meditation, mindfulness, and positive psychology. The goal is to build mental fitness, reduce stress, and foster a sense of joy and meaning in everyday life.

Learning Outcomes:

By the end of this course, students will:

- Understand the science behind mindfulness, happiness, and emotional resilience
- Practice guided yoga and meditation techniques for stress reduction
- Build habits that improve emotional regulation and attention
- Identify sources of stress and implement coping strategies
- Apply positive psychology frameworks to increase well-being and life satisfaction

Module Structure (15 Hours):

Module	Topic	Hours	Methodology
1	Understanding Mental Health & Emotional Fitness	2	Lecture + Self-assessment
2	Science of Happiness & Positive Psychology	2	Activities + Journaling
3	Foundation of Mindfulness	2	Mindfulness exercises + Practice Logs
4	Introduction to Yoga & Breathwork	2	Guided Session (Asanas + Pranayama)
5	Meditation Techniques (Focus, Loving-Kindness, Body Scan)	2	Practice + Reflections
6	Managing Stress, Anxiety & Burnout	2	Case Scenarios + Group Dialogue
7	Lifestyle Design for Inner Balance	3	Project: Design your "Happiness Toolkit"

Assessment Components:

- Reflective Journal / Happiness Diary – 30%
- Participation in Guided Practices – 20%
- Final Project: Personal Mental Wellness Toolkit – 30%
- Peer Sharing & Group Reflection – 20%

6/08/2025

6th Aug 2025

राष्ट्रीय प्रौद्योगिकी संस्थान मणिपुर
NATIONAL INSTITUTE OF TECHNOLOGY MANIPUR
(An Institute of National Importance under Ministry of Education, Govt. of India)
Langol, Imphal – 795004, Manipur
Department of Civil Engineering

DPPC Meeting Minutes

Ref:NITM.8/(01-Civil)/Acad-DPPC-DUPC/2025/5 Date:22/08/2025

Subject: DPPC Meeting Minutes

Date & Time 22nd August 2025, 3:00 PM

Venue Conference Hall Administrative Block

Welcome The Chairman welcomed all the DPPC members present for the meeting and informed that he had received apology from Dr. Angshuman (on leave) regarding the inability to attend the meeting due to personal reasons. The attendance list is enclosed.

Resolution No.1 **Allocation of PhD Supervisors for the July-2025 entry:** The following PhD Supervisors have been allocated:

Name of Student	Name of Supervisor
Yumnam Monish Singh	Dr. Nabajit Sarkar
Maibam Donald	Dr. Angshuman Das
Thokchom Bantu Singh	Dr. Angshuman Das

Resolution No.2 **Late registration** of PhD Student, Thangminlun Baite. The committee noted the application of PhD Student, Thangminlun Baite regarding his failure to complete the physical registration of the current semester due to the social unrest in Manipur.

Having noted that the student had genuine difficulty of coming for physical verification, the DPPC recommends his registration to be accepted online with payment of late fees.

Resolution No.3 **New Elective.** The DPPC examined the proposal of the following new elective and resolved to recommend it to the senate to be included in the PG curriculum and also to allow UG Final Year students also to register for these courses as Department Electives provided, they fulfil the pre-requisites (if applicable).

1. **CE516 REAM (Research Ethics, Aptitude and Methodology) (3 0 0 6) (LTPC)**

2. **CE555 Bridge Analysis and Design (3 0 0 6) (LTPC)**
3. **CE568 Dynamics of soil and foundation (3 0 0 6) (LTPC)**
4. **CE554 Soil Structure Interaction (3 0 0 6)**

Resolution No.4	It was decided to conduct the 1st M. Tech Project Review on **10 September** for Environmental and Water Resources Engineering and on **12 September 2025** for Structural Engineering.
Closing	The meeting ended with thanks to all the members from the Chairman.

(Dr. Adani Azhoni)
Chairperson DPPC

(Prof. Bakimchandra Oinam)
Secretary DPPC

Course Title: Soil Structure Interaction		
Course Code: CE 554	**No. of Credits:** 06	**L-T-P:** 3-0-0
Pre-requisite Course Code and title (if any): Soil Mechanics, Foundation Engineering		
Department: Department of Civil Engineering	**Programme: MTech (Structural Engineering)**	
Course Category: Elective	**Course offered in:** Semester III	

Course Objectives:

1. To provide fundamental understanding of the scope, objectives, and importance of dynamic loading in geotechnical engineering.
2. To develop theoretical knowledge of vibration analysis for single and multi-degree freedom systems relevant to soil–structure interaction.
3. To explain wave propagation phenomena in elastic and layered media and their significance in geotechnical earthquake engineering.
4. To equip students with knowledge of laboratory and field techniques for evaluating dynamic soil properties and their correlations.
5. To enable students to analyze and design geotechnical systems such as foundations, slopes, and retaining structures under seismic and dynamic loading conditions.

Course Outcome:

At the end of the course, the student will be able to

1. Explain the nature, types, and importance of dynamic loading in geotechnical problems.
2. Apply vibration theory to analyze free and forced vibration problems for single and multi-degree of freedom systems.
3. Analyze wave propagation in unbound, semi-infinite, and layered elastic media relevant to earthquake engineering.
4. Evaluate soil dynamic properties through laboratory and in-situ testing methods, and establish correlations among stiffness, damping, and plasticity parameters.
5. Design and assess the seismic performance of foundations, slopes, and retaining walls by applying Indian standard codes and appropriate analytical methods.

COURSE CONTENT:

Module	Topic	L	T	P
1	**Soil-Foundation Interaction:** Introduction to soil-foundation interaction problems, Soil behaviour, Foundation behaviour, Interface behaviour, Scope of soil foundation interaction analysis, soil response models, Winkler, Elastic continuum, Two parameter elastic models, Elastic-plastic behaviour, Time dependent behaviour.	14	0	0
2	**Beam on Elastic Foundation- Soil Models:** Infinite beam, Two-parameters models, Isotropic elastic half space model, Analysis of beams of finite length, combined footings, Plates on Elastic Continuum: Thin and thick rafts, Analysis of finite plates, Numerical analysis of finite plates.	14	0	0
3	**Concepts in dynamic analysis of structure and foundation:** Elastic analysis of single pile, Theoretical solutions for settlement and load distributions, Analysis of pile group, Interaction analysis, Load distribution in groups with rigid cap, Load deflection prediction for laterally loaded piles, Subgrade reaction and elastic analysis, Interaction analysis, Pile-raft system, Ground-Foundation-Structure Interaction: Effect of structure on ground-foundation interaction, Static and dynamic loads	14	0	0
	Total (Contact Hours)	42	0	0

Text Book(s) for self-learning:

1. Bowles, J. E. - Foundation Analysis & Design 5th Edition McGraw-Hill Companies, Inc. 1996.
2. Das, B. M. - Principles of Foundation Engineering 5th Edition Nelson Engineering, 2004
3. Poulos, H. G., and Davis, E. H. - Pile Foundation Analysis and Design, 1980.

References Book (s) for self-learning:

1. Rolando P. Orense, Nawawi Chouw & Michael J. Pender - Soil-Foundation-Structure Interaction, CRC Press, Taylor & Francis Group, London, UK., 2010.
2. Scott, R. F. - Foundation Analysis, Prentice Hall, Englewood Cliffs, 1981.
3. Selvadurai, A. P. S. Elastic Analysis of Soil-Foundation Interaction, 1979.
4. Soil Structure Interaction, The real behaviour of structures, the institution of structural engineers, London, March 1989.

E Resources for self learning:

1. https://nptel.ac.in/courses/105105200

Course Title: Dynamics of Soil and Foundation		
Course Code: CE 568	**No. of Credits:** 06	**L-T-P:** 3-0-0
Pre-requisite Course Code and title (if any): Soil Mechanics, Foundation Engineering		
Department: Department of Civil Engineering	Programme: **MTech (Structural Engineering)**	
Course Category: Elective	**Course offered in:** Semester II	

Course Objectives:

1. To provide fundamental understanding of the scope, objectives, and importance of dynamic loading in geotechnical engineering.
2. To develop theoretical knowledge of vibration analysis for single and multi-degree freedom systems relevant to soil–structure interaction.
3. To explain wave propagation phenomena in elastic and layered media and their significance in geotechnical earthquake engineering.
4. To equip students with knowledge of laboratory and field techniques for evaluating dynamic soil properties and their correlations.
5. To enable students to analyze and design geotechnical systems such as foundations, slopes, and retaining structures under seismic and dynamic loading conditions.

Course Outcome:

At the end of the course, the student will be able to

1. Explain the nature, types, and importance of dynamic loading in geotechnical problems.
2. Apply vibration theory to analyze free and forced vibration problems for single and multi-degree of freedom systems.
3. Analyze wave propagation in unbound, semi-infinite, and layered elastic media relevant to earthquake engineering.
4. Evaluate soil dynamic properties through laboratory and in-situ testing methods, and establish correlations among stiffness, damping, and plasticity parameters.
5. Design and assess the seismic performance of foundations, slopes, and retaining walls by applying Indian standard codes and appropriate analytical methods.

COURSE CONTENT:

Module	Topic	L	T	P
1	**Introduction:** Scope and objective; Nature and types of dynamic loading; Importance of dynamic loading	2	0	0
2	**Vibration Theory:** Analysis of free and forced vibrations using spring dashpot model, single degree of freedom system, multi-degrees of freedom system, application of single and multi-degree of freedom systems	10	0	0
3	**Wave propagation in Elastic Media:** Elastic response of continua; Waves in unbound media; Waves in semi-infinite media; Waves in layered media, Mohorovicic Discontinuity and Gutenberg Discontinuity **Laboratory and field evaluation of dynamic properties:** Stiffness, damping and plasticity parameters of soil and their determination (laboratory testing, intrusive and non intrusive in-situ testing); Correlations of different soil parameters	10	0	0
4	**Seismic bearing capacity** of shallow foundation, pile foundation under dynamic load, Indian standard code of practice, pile hammers, effect of vibrations onpiles, method of analysis of piles under lateral loads, solution for piles in non-cohesive and cohesive soils, soil-pile interaction under dynamic loads, method of a seismic analysis and design of piles	10	0	0

5	**Seismic slope stability, Dynamic earth pressure** and retaining walls, modified Cullman's construction, analytical solutions for c-ϕ soils, Pseudo-static method, Pseudo-dynamic method, other dynamic methods	10	0	0
	Total (Contact Hours)	**42**	**0**	**0**

Text Book(s) for self-learning:

1. Shamsher Prakash,"Soil Dynamics", McGraw-Hill Book Company.
2. Steven L.Kramer,"Geotechnical Earthquake Engineering",Prentice Hall Inc.
3. Robert W. Day,"Geotechnical Earthquake Engineering Handbook", McGraw Hill, New York.

References Book (s) for self-learning:

1. Ikuo Towhata,"Geotechnical Earthquake Engineering",Springer-Verlag Heidelberg.
2. Kenji Ishihara,"Soil Behaviour in Earthquake Geotechnics", Oxford University Press, USA.
3. Milutin Srbulov,"Geotechnical Earthquake Engineering:Simplified Analyses with Case Studies and Examples",Springer-Verlag.
4. D. D.Barkan,"Dynamics of Bases and Foundations", McGraw-Hill Book Company.
5. IS 1893, Indian Standard Criteria for earthquake resistant Design of Structures.

E Resources for self learning:

1. https://nptel.ac.in/courses/105101134
2. https://nptel.ac.in/courses/105107204

Department of Civil Engineering
National Institute of Technology Manipur

Course Title: 1. REAM (Research Ethics, Aptitude and Methodology)			
Course Code: CE520	**No. of Credits:** 03	**L-T-P:** 3-0-0	**Learning hours:**42 (L)+ 48 (SL)
Pre-requisite Course Code and title (if any):			
Department: Department of Civil Engineering		**Programme:** MTech	
Course Category:		**Course offered in:** Semester II	

Course Objectives:

1. Develop a deep understanding of professional ethics, values, and responsibilities in Engineering practice.
2. Build awareness of research methodology, literature review, and contemporary research practices.
3. Enable students to identify, formulate, and solve research problems in Engineering.
4. Strengthen analytical, critical thinking, and research communication skills.
5. Promote sustainable and ethical research practices that address societal and global challenges.

Course Outcome:

At the end of the course, the student will be able to

1. CO1: Demonstrate knowledge of professional ethics, responsibilities, and codes of conduct in Civil Engineering.
2. CO2: Apply research methodology in problem identification, hypothesis formulation, and literature survey.
3. CO3: Develop appropriate research designs, data collection strategies, and analysis techniques for Civil Engineering research.
4. CO4: Critically analyze research findings, interpret data, and present results in a structured format.
5. CO5: Exhibit ethical responsibility, teamwork, and professional conduct in research and practice.
6. CO6: Communicate research effectively through technical reports, presentations, and publications.

CO-PO Articulation Matrix

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2
CO1	3	3	2	2	-	2	-	-	-	1	-	3	2
CO2	3	3	2	2	-	2	-	-	-	1	-	3	3
CO3	2	3	2	2	-	1	-	-	-	1	-	3	3
CO4	2	3	3	2	1	2	-	-	-	2	-	3	2
CO5	2	3	3	2	1	2	-	-	-	2	-	3	2

COURSE CONTENT:

Module	Topic	L	T	P
1	**Professional Ethics in Civil Engineering:** Ethical theories, codes of ethics (ASCE, ICE, IEI), moral values, responsibility, and accountability. Case studies in ethics and sustainability.	6	0	0
2	**Research Fundamentals:** Nature, objectives, and significance of research. Research process, characteristics of good research, research problem formulation.	8	0	0
3	**Research Methodology:** Literature review, research gap identification, hypothesis development. Quantitative vs. qualitative research methods. Experimental design and modelling approaches.	10	0	0
4	**Data Collection and Analysis:** Sampling techniques, data acquisition, statistical tools. Software tools for Civil Engineering research (SPSS, MATLAB, R).	10	0	0
	5. **Research Ethics and Plagiarism.** Intellectual property rights, copyrights, patents. Plagiarism detection tools, ethical publishing practices.	4		

	6. **Research Documentation and Communication.** Technical writing (thesis, dissertation, journal papers). Report writing, referencing styles (APA, IEEE, Harvard). Presentation skills, conferences, seminars.	4		
	Total (Contact Hours)	**42**	**0**	**0**

Evaluation Criteria: (Weightage: Theory -15%; Practical design problems -85%)

- 3 Unit tests+ Assignment/Project: 20% each (average score)
- Mid Term Examination: 30%
- End Term Examination: 50%

References:

1. Kothari, C. R. & Garg, G. (2019). Research Methodology: Methods and Techniques. New Age International Publishers.
2. Govindaraju, R. S. & Rao, A. R. (2013). Artificial Intelligence and Data Mining Techniques in Civil Engineering. CRC Press.
3. National Academy of Engineering (2004). Emerging Technologies and Ethical Issues in Engineering. The National Academies Press.
4. IEEE & ASCE Codes of Ethics (latest versions).
5. Selected peer-reviewed journal papers from ASCE Journals, Elsevier, Taylor & Francis, Springer.

Course Title: Bridge Analysis and Design			
Course Code: CE555	**No. of Credits:** 03	**L-T-P:** 3-0-0	**Learning hours:**42 (L)+ 48 (SL)
Pre-requisite Course Code and title (if any):			
Department: Department of Civil Engineering		**Programme: MTech**	
Course Category:		**Course offered in:** Semester II	

Course Objectives:

1.To learn the components of bridges, classification of bridges, importance of bridges
2.To study the specification of road bridges, loads to be considered
3.To familiarize students with various types of concrete bridges such as slab-bridge, T-beam bridge

Course Outcome:

At the end of the course, the student will be able to
1. Develop basic knowledge about different classes of loading in bridges.
2. Develop basic knowledge about design of bridge structures.
3. Develop basic knowledge about the components of bridges, classification of bridges, importance of bridges
4. Apply the codal provisions for loading and design standards of bridges.
5. Design the superstructure and substructure of bridge using different methods.

CO-PO Articulation Matrix

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PSO1	PSO2
CO1	3	3	2	2	-	2	-	-	-	1	-	3	2
CO2	3	3	2	2	-	2	-	-	-	1	-	3	3
CO3	2	3	2	2	-	1	-	-	-	1	-	3	3
CO4	2	3	3	2	1	2	-	-	-	2	-	3	2
CO5	2	3	3	2	1	2	-	-	-	2	-	3	2

COURSE CONTENT:

Module	Topic	L	T	P
1	Components of Bridges - Classification - Importance of Bridges - Investigation for Bridges - Selection of Bridge site - Economical span - Choice of bridge type	8	0	0
2	Types of bridges; structural configurations; bridge loading standards in India and other countries (IRC, IRS and AASHTO guidelines); Impact effect; Standard specifications for road and railway bridges.	12	0	0
3	Reinforced concrete bridges -- design of deck slab; T-beam bridge; balanced cantilever type; design and details of articulation.	12	0	0
4	Abutment and piers -- scour at abutment and piers; types of foundations; analysis for stresses and design.	10	0	0
	Total (Contact Hours)	**42**	0	0

Evaluation Criteria: (Weightage: Theory -15%; Practical design problems -85%)

- 3 Unit tests+ Assignment/Project: 20% each (average score)
- Mid Term Examination: 30%
- End Term Examination: 50%

Text Book(s) for self-learning:

1. D. J. Victor, *Essentials of Bridge Engineering*, Oxford IBH, 1980.
2. V. K. Raina, *Concrete Bridge Practice Analysis Design and Economics*, Tata McGraw Hill, 2nd Ed, 1994.

References Book (s) for self-learning:

1. N. Rajagopalan, *Bridge Superstructure*, Narosa Publishing House, 2006.
2. W. F. Chen and L. Duan, Bridge Engineering Handbook, CRC press, 2003.
3. B. Bakht and L.G. Jaeger, *Bridge Analysis Simplified*, McGraw Hill, 1987.
4. E. J. O'Brien, and D. L. Keogh, *Bridge Deck Analysis*, Taylor and Francis, 1999.
5. H. Eggert and W. Kauschke, *Structural Bearings*, Ernst & Sohn, 2002.
6. T. Y. Lin and N. H. Burns, *Design of Prestressed Concrete Structures*, John Wiley and Sons, 1981.
7. L. Fryba, *Dynamics of Railway Bridges*, Thomas Telford, 1996.

E Resources for self learning:

1. https://nptel.ac.in/noc/courses/noc18/SEM2/noc18-cc23/

ANNEXURE VII

Department of Electrical Engineering

राष्ट्रीय प्रौद्योगिकी संस्थान,मणिपुर

NATIONAL INSTITUTE OF TECHNOLOGY, MANIPUR

Langol, Imphal. Ph. (0385) 2445812 / email:- nitmn@nitmanipur.ac.in

An Autonomous Institute under MoE, Govt. of India.

Date: 03/07/2025

No. NITM.3/ (90-Acad)/EE-DPPC/2025/

Minutes of the meeting of DPPC of Electrical Engineering on 03/07/2025 at 3:00 PM

1. **Conduct of Synopsis Seminar of Mr. Thokchom Sukadeba Singh**

Resolution: It is observed that **Mr. Thokchom Sukadeba Singh (19404001)** has completed all the mandatory coursework, Comprehensive examination, state of art seminar, progress seminars successfully, and has published 2 SCIE(Q1) journal and 2 International Conference(Scopus indexed).

As recommended by the DC members unanimously, the DPPC also agreed upon to allow **Mr. Thokchom Sukadeba Singh to present his** Synopsis Seminar on 11th July, 2025.

2. **Discontinuation of Ph.D Registration**

i) Ph.D scholar, **Ms. Joshiballa Heisman** (24404002, Self-Sponsored) has requested to discontinue her Ph.D registration in the department due to family financial problems. As, recommended by her supervisor and DC committee, the DPPC approved the proposal and agreed to forward the senate for further process.

ii) Ph.D scholar, **Mr. Sanasam Dhanabanta** (23404007, self -Sponsored full time) has requested for change of his category from Full Time to Part Time as he has been offered the position of guest faculty at Manipur Institute of Technology.

However, taking reference of the 36th Senate, item No. 36.8, the DPPC has not recommended his request. Therefore, his Ph.D Registration may also be cancelled and forwarded to senate for further process.

iii) Ph.D scholar, **Mr. Waiokpam Dhanraj** (23404006, self -Sponsored full time) has requested to discontinue his Ph.D registration in the department due to family financial problems. As, recommended by his supervisor and DC committee, the DPPC approved the proposal and agreed to forward the senate for further process

3/7/25 — **Dr. Benjamin A. Shimray**

Shuma Adhikari 3/7/25 — **Dr. Shuma Adhikari**

3/7/25 — **Dr. Manash Kumar Mishra**

Dr. S. Nilakanta Meitei

3/7/25 — **Dr. L. Surajkumar Singh**

ANNEXURE VIII

कंप्यूटर विज्ञान और इंजीनियरिंग विभाग
COMPUTER SCIENCE AND ENGINEERING DEPARTMENT
राष्ट्रीय प्रौद्योगिकी संस्थान, मणिपुर
NATIONAL INSTITUTE OF TECHNOLOGY, MANIPUR
An Autonomous Institute under Ministry of Education, Govt. of India
Langol, Lamphelpat, Imphal-795004, Ph. (0385) 2445812 / email:- nitmanipur@yahoo.in

NITM.3/(98-Acad)/CSE Dept/PhD/2025/07

DPPC meeting minutes regarding Cancellation and reregistration of Ph.D Scholars in the department of CSE dept.

Venue: DPPC Chairman's Chamber, Langol

Date and Time: 27/8/2025, 10:00 AM

Members present:

1. Dr. Yambem Jina Chanu, Chairman DPPC
2. Dr. Kh. Johnson Singh, Secretary
3. Prof. Kh. Manglem Singh, Member
4. Dr. Benjamin A Shimray (EE dept.), Member
5. Dr. Khelchandra Thongam, Member

Agenda:

- Regarding cancellation of Longjam Nirman Singh (17403006), Oinam Vivek Singh (17403003) and Wangkheimayum Madal (22403002).
- Re registration of Loitongbam Basantakumar Singh (17403007).

Discussions:

The following points are noted:

1. All the three candidates: Longjam Nirman Singh (17403006) (since odd semester 2020), Oinam Vivek Singh (17403003) (since even semester 2023) and Wangkheimayum Madal (22403002) (since even semester 2024) didn't turn up for registration.
2. All the three candidates: Longjam Nirman Singh (17403006), Oinam Vivek Singh (17403003) and Wangkheimayum Madal (22403002) belong to self finance category.
3. Loitongbam Basantakumar Singh (17403007) completed 8 years as a Ph. D scholar in the dept. of CSE as his registration date is 3/1/2018.

कंप्यूटर विज्ञान और इंजीनियरिंग विभाग
COMPUTER SCIENCE AND ENGINEERING DEPARTMENT
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NATIONAL INSTITUTE OF TECHNOLOGY, MANIPUR
An Autonomous Institute under Ministry of Education, Govt of India
Langol, Lamphelpat, Imphal-795004, Ph (0385) 2445812 / email - nitmanipur@yahoo.in

Resolutions:

The members discussed the above agenda in detail and come to the following conclusions

- The committee recommends cancellation of all the three Longjam Nirman Singh (17403006), Oinam Vivek Singh (17403003) and Wangkheimayum Madal (22403002) candidates.
- The committee recommends re-registration of Loitongbam Basantakumar Singh (17403007).

Dr. Yambem Jina Chanu
Chairman DPPC

Dr. Kh. Johnson Singh
Secretary

Dr. B A Shimray
Member

Prof. Kh. Manglem Singh
Member

Dr. Khelchandra Th.
Member

कंप्यूटर विज्ञान और इंजीनियरिंग विभाग
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NITM.3/(98-Acad)/CSE Dept/PhD/2025/05

DPPC meeting minutes regarding cancellation of Michael Tongbram(22403002) Ph.D programme under external funding category.

Venue: DPPC Chairman's Chamber, Langol

Date and Time: 23/6/2025, 1:00 PM

Members present:

1. Dr. Yambem Jina Chanu, Chairman DPPC
2. Dr. Kh. Johnson Singh, Secretary
3. Prof. Kh. Manglem Singh, Member
4. Dr. Benjamin A Shimray (EE dept.), Member
5. Dr. Khelchandra Thongam, Member

Agenda:

Cancellation of Michael Tongbram Michael Tongbram(22403002) Ph.D programme under external funding category.

Discussions:

The following points are noted:

- As the candidate is interested to join the Ph.D programme under institute fellowship, he applied newly in January session 2025.

Resolutions:

The members discussed the above agenda in details and come to the following conclusions:

The committee recommends the cancellation of Michael Tongbram(22403002) Ph.D programme under external funding category.

Dr. Yambem Jina Chanu.
Chairman DPPC

Dr. Kh. Johnson Singh
Secretary

Dr. B.A Shimray
Member

Prof. Kh. Manglem Singh
Member

Dr. Khelchandra Th.
Member

ANNEXURE IX

राष्ट्रीय प्रौद्योगिकी संस्थान,मणिपुर

NATIONAL INSTITUTE OF TECHNOLOGY, MANIPUR

Langol, Imphal Ph. (0385) 2445812 / email:-nitmanipur@yahoo.in

An Autonomous Institute under MHRD, Govt. of India.

DC MEETING MINUTES REGARDING SEMESTER DROP OF MR. SHAKHIL UDDIN SHEIKH

Venue: Department of Physics, NIT Manipur, Langol
Date: 11 August 2025 at 12:30PM

AGENDA: To discuss the application for semester break/drop by the PhD candidate Mr. Shakil Uddin Sheikh.

PhD student's detail:

Name: Shakil Uddin Sheikh
Enrolment number: 24409003
Date of registration: 27-July-2024
Course Work: 8.00/10 (CPI)
Comprehensive Exam: Passed (19-05-2025)

DC members present:

1. Dr. Mamata Maisnam (Dept. of Phys.) – Chairman
2. Dr. Bibhu Prasad Swain (Dept. of Phys.) – Member
3. Dr. Sunil Panday (Dept. of Mathematics) – Ext. Member
4. Dr. Shagolsem Lenin Singh (Dept. of Phys.) – Supervisor

OBSERVATION:

An application is received from the PhD student Mr. Shakil Uddin Sheikh regarding the semester drop/break on the medical ground. The student has submitted the doctor's recommendation/certificate along with the medical reports. The following points are noted:

1. Type of medical condition: **Polysubstance abuse and Anxiety Disorder**.
2. Due to worsening health condition he was admitted to the RIMS hospital, Imphal on 20/03/2025 and since then he has been undergoing treatment in Psychiatry OPD, RIMS, Imphal.
3. It is reported that the medical condition is serious and require a long term treatment with regular follow up in Psychiatry facility. And needs close supervision and care by his close family members.

Further, supervisor also noted slow progress in his research work, difficulty in performing regular/routine task, etc. in the last few months.

RESOLUTION:

On the basis of the above cited serious medical condition (and supervisor's recommendation) the DC committee recommend Mr. Shakil Uddin Sheikh for Semester drop.

DC members:

Dr. Mamata Maisnam
(Chairman)

Dr. Bibhu Prasad Swain
(Member)

Dr. Sunil Panday
(Ext. Member)

Dr. Shagolsem Lenin Singh
(Supervisor)

राष्ट्रीय प्रौद्योगिकी संस्थान,मणिपुर

NATIONAL INSTITUTE OF TECHNOLOGY, MANIPUR
Langol, Imphal Ph. (0385) 2445812 / email:-nitmanipur@yahoo.in
An Autonomous Institute under MHRD, Govt. of India.

No. NITM.17/(2-Phy)/DPPC/2023 – 78

DPPC MEETING MINUTES REGARDING SEMESTER DROP OF MR. SHAKHIL UDDIN SHEIKH

Venue: Department of Physics, NIT Manipur, Langol
Date: 19 August 2025 at 01:00 PM

AGENDA: To discuss the application for semester break/drop by the PhD candidate Mr. Shakil Uddin Sheikh.

PhD student's detail:

Name: Shakil Uddin Sheikh
Enrolment number: 24409003
Date of registration: 27-July-2024
Course Work: 8.00/10 (CPI)
Comprehensive Exam: Passed (19-05-2025)

OBSERVATION:

It is observed that the PhD student Mr. Shakil Uddin Sheikh has applied for a semester drop/break for the treatment of his serious medical condition, i.e., **Polysubstance abuse and Anxiety Disorder**. Based on the supporting documents (doctor's recommendation/certificate and medical reports) the DC recommended for the semester drop.

RESOLUTION:

Since the case is genuine the DPPC has no objection to Mr. Shakil Uddin Sheikh in availing Semester drop.

DPPC members:

Dr. Ibetombi Soibam
(Member Secretary)

Dr. Mamata Maisnam
(Member)

Dr. Bibhu Prasad Swain
(Member)

Dr. L. Herojit Singh
(Member)

Dr. Sanasam Surendra Singh
(External Member)

Dr. Shagolsem Lenin Singh
(Chairman)

ANNEXURE X

Vision and Mission Statement of NIT Manipur

Vision

Towards knowledge hub of excellence in education, research, innovation, and entrepreneurship, nurturing skilled professionals committed to sustainable ecosystems.

Mission

- **M1** – To impart quality education in engineering, technology, and allied fields to produce competent and ethical professionals.
- **M2** – To foster a culture of research and innovation that addresses emerging challenges and contributes to technological advancement.
- **M3** – To promote entrepreneurship and leadership skills for creating sustainable solutions and socio-economic growth.
- **M4** – To nurture environmentally responsible graduates committed to sustainable development and global well-being.

Department of Computer Science and Engineering

National Institute of Technology Manipur

Vision

To be a knowledge provider in the fields of Computer Science and Engineering for welfare of mankind by catering to the ever changing industrial demands and societal needs.

Mission

1. To impart quality engineering education to the students through state of art technology in Computer science and engineering.

2. To contribute to the society by carrying out quality research and development in frontier areas of Computer science and engineering.

3. To make the students ready for industrial environment by establishing laboratories in collaboration with industries.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

PEO1: Evolve as globally competent computer professionals, researchers and entrepreneurs possessing collaborative and leadership skills, for developing innovative solutions in multidisciplinary domains.

PEO2: Excel as socially committed computer engineers having mutual respect, effective communication skills, high ethical values and empathy for the needs of society.

PEO3: Involve in lifelong learning to foster the sustainable development in the emerging areas of technology.

PROGRAMME SPECIFIC OUTCOMES (PSO)

PSO1: Professional Skills: Attain the ability to design and develop hardware and software based systems, evaluate and recognize potential risks and provide creative solutions.

PSO2: Successful Career and Entrepreneurship: Gain knowledge in diverse areas of Computer Science and experience an environment conducive in cultivating skills for successful career, entrepreneurship and higher studies.

Department of Civil Engineering

National Institute of Technology Manipur

Vision

To be a centre of excellence in Civil Engineering education, research, and innovation, producing professional leaders committed to sustainable development, infrastructural advancement, and societal well-being.

Mission

1. **Excellence in Education & Innovation:** Deliver high-quality technical education that nurtures creativity, problem-solving, and research in sustainable civil engineering.
2. **Industry Integration & Societal Impact:** Foster strong industry linkages for practical exposure and develop engineering solutions addressing societal and global challenges.
3. **Ethics & Sustainability:** Promote eco-friendly practices, ethical values, and leadership for building resilient infrastructure and enhancing quality of life.

Program Educational Objectives (PEOs) – B.Tech. in Civil Engineering

The **Undergraduate (B.Tech.) program in Civil Engineering** at **NIT Manipur** is designed to equip students with the necessary knowledge, skills, and ethical values to excel in their professional careers and contribute to society. The **Program Educational Objectives (PEOs)** are as follows:

1. **Technical Expertise & Continuous Learning:** Graduates will have a strong foundation in Civil Engineering, pursue lifelong learning, and be able to apply knowledge to create sustainable and economically viable solutions.

2. **Innovation, Collaboration & Professional Excellence:** Graduates will possess problem-solving skills, engage in research and innovation, and collaborate with industry and academia to advance Civil Engineering practices.

3. **Leadership, Ethics & Social Responsibility:** Exhibit leadership, teamwork, and communication skills while upholding ethical values and contributing to environmental sustainability and societal well-being.

These PEOs are aligned with the department's mission to produce competent civil engineers who can address infrastructural challenges, drive technological innovations, and contribute to national and global development.

Program Specific Outcomes (PSOs)

Upon successful completion of the B. Tech degree in Civil Engineering, graduates will be able to:

PSO 1: Core Competency in Civil Engineering Design and Analysis: Apply the knowledge of civil engineering fundamentals in the planning, analysis, design, and execution of infrastructure projects such as buildings, roads, bridges, water supply and wastewater systems, and geotechnical structures.

PSO 2: Problem-Solving in Real-world and Interdisciplinary Contexts: identify, analyse, and propose innovative and feasible engineering solutions to complex civil engineering problems through field investigations, data interpretation, and integration of interdisciplinary knowledge, considering safety, ethics, and professional standards.

Department of Mechanical Engineering

National Institute of Technology Manipur

Vision

To emerge as a centre of excellence in Mechanical Engineering education, research and innovation, and entrepreneurship, fostering skilled professionals who drive sustainable technological solutions for societal and industrial advancement.

Mission Statements for Mechanical Engineering Department, NIT Manipur

M1 -*To deliver high-quality education in Mechanical Engineering, equipping students with technical expertise, ethical values, and problem-solving skills.*

M2 - *To foster a research-driven culture that encourages innovation in mechanical systems, interdisciplinary collaboration, and sustainable engineering solutions.*

M3 - *To produce globally competent professionals, entrepreneurs, leaders who are committed to advancing eco-friendly solutions for industrial and societal progress.*

Program Educational Objectives (PEOs):

1. **PEO1:** To produce graduates with strong technical competencies in mechanical engineering, enabling them to analyze, design, and implement solutions for real-world engineering challenges. *(Aligns with Mission M1 – Quality education for competent professionals)*
2. **PEO2:** To cultivate research aptitude and innovation in graduates, empowering them to develop sustainable and cutting-edge technologies in mechanical engineering. *(Aligns with Mission M2 – Research & innovation for technological advancement)*
3. **PEO3:** To nurture entrepreneurial and leadership skills in graduates, preparing them to drive socio-economic development through sustainable engineering practices. *(Aligns with Mission M3 & M4 – Entrepreneurship & environmental responsibility)*

Program Specific Outcomes (PSOs):

1. **PSO1:** Graduates will demonstrate proficiency in applying mechanical engineering principles/concepts to solve real-world problems using sustainable approaches.
2. **PSO2:** Graduates will exhibit the ability to engage in research, innovation, and entrepreneurship in Fluid-Thermal, Manufacturing, and Design areas in alignment with technological advancements and environmental responsibility.

Mission of the Department – PEOs Mapping Matrix

Mission Statement	PEO1 (Technical Competence)	PEO2 (Research & Innovation)	PEO3 (Entrepreneurship & Leadership)	Rationale & Justification
M1: To impart quality education for competent professionals	**Strong**	**Medium**	**Medium**	PEO1 directly aligns with M1, as it focuses on producing technically skilled graduates. PEO2 has a medium link since research is part of advanced education. PEO3 has a weaker connection as entrepreneurship is not the primary goal of M1.
M2: To foster research and innovation for technological advancement	**Medium**	**Strong**	**Medium**	PEO2 strongly aligns with M2, as both emphasize research and innovation. PEO1 has a medium link since technical skills support research. PEO3 has a medium correlation because innovation can lead to entrepreneurship.
M3: To promote entrepreneurship and leadership for sustainable growth	**Medium**	**Medium**	**Strong**	PEO3 has a strong link with M3, as both focus on leadership and entrepreneurship. PEO2 has a medium correlation since research can lead to startups. PEO1 has a low link, as technical skills alone do not ensure leadership.

ANNEXURE XI

To
The Principal/Dean Academy
NIT Manipur,
Imphal, Manipur

pls put up.
Suptt. (Acad)
25/8/25

Sub: Application for holding my alloted seat

Respected Sir,

With due respect I, Rinku Gorai (Application no - 250310060993) D/o - Asit Kumar Gorai, Resident of Burnpur, Asansol, Paschim Bardhaman, West Bengal PIN - 713325, have been passed HS exam in 2025 (90.4) and secured 94.05 percentile in JEE Mains exam. CRL Rank - 88783. OBC - NCL Rank - 28038. I was alloted CSE in your reputed institute (NIT Manipur) at CSAB round III.

But for long distance with complicated winding route and my health issues (motion sickness like vomiting, diarrhoea) I am unable to continue my studies this year currently. My health not survive this long journey due to liver jaundice previously. I want you to adjust/refund the money (Rs 40000 + Rs 35000 = Rs. 75,000) and hold my seat to continue next year.

SB A/c No - 03581040002 48525
IFSC code - IBKL0000358

Date - 25/08/2025
Phone no - 9153650825

Your's sincerely
Rinku Gorai
(RINKU GORAI)

ANNEXURE XII

Memorandum of Understanding
Academic and Research
Collaboration Between
National Institute of Technology, Manipur And
Indian Institute of Technology Hyderabad, Telangana, India

National Institute of Technology, Manipur (NITM) and Indian Institute of Technology Hyderabad (IITH) have agreed to the following protocols governing their collaboration on academic and research related activities.

Scope:

The scope of collaboration on academic and research activities in this Memorandum of Understanding is in the following categories:

- Academic and Research collaboration in the areas of mutual interest.
- Exchange of academic information, Scholarly information, materials and publications based on mutual agreements.
- Exchange of students and faculty.
- Conducting joint seminars, workshops and other academic meetings.

Students Exchange:

Pursuant to the agreement for academic exchange, NITMand IITH, will exchange students according to the terms laid out in **Annexure 1**. It is desired by both parties that there will be a significant flow of students in both directions based on mutual agreements.

Research Collaboration:

Faculty from both Institutions will collaborate in the supervision of exchange of students and in joint research in disciplines of mutual interest. All such joint research activities will be governed by the terms laid out in **Annexure 2.**

Admission of up to top 10% of the students of NITM to Direct PhD Admission at IITH

NITMand IITH agree to facilitate up to top 10% of the students (at the end of 6th semester) of NITM, with CGPA 8.0 and higher, to pursue their 7th and 8th semesters of their BTech program at IITH, according to the terms laid out in **Annexure 3**. At the end of the 8th Semester, if these students have a CGPA 8.0 & higher and are willing to pursue PhD at IITH, an internal evaluation will be conducted for selection to the PhD program.

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 years. This MOU may be renewed upon its expiry, with the agreement of both partner institutions.

If either partner institution wishes to terminate the MOU at the end of five years period 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.

For	**For**
National Institute of Technology Manipur	**Indian Institute of Technology Hyderabad**
Signee	**Signee**
Director, NIT, Manipur	**Director, IIT Hyderabad**
Date:	**Date:**
Witness	**Witness**

MEMORANDUM OF UNDERSTANDING

BETWEEN

NAM:TECH
We Inspire Humane Capital

NEW AGE EDUCATION AND SKILLS FOUNDATION

AND

NATIONAL INSTITUTE OF TECHNOLOGY, MANIPUR

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NAM:TECH
We Inspire Humane Capital

THIS Memorandum of Understanding (hereinafter referred to as the "MOU") is made on this 11 day of July Two Thousand and Twenty-Five (11.07.2025) and entered into:

By and between

New Age Education and Skills Foundation, a not-for-profit company established under Section 8 of the Companies Act, 2013 by ArcelorMittal Nippon Steel India Limited, having its registered office at AMNS House, AMNS Township, 27km, Surat- Hazira Road, Hazira, Surat 394270, India, and has founded an educational institute named New Age Makers' Institute of Technology (hereinafter referred to as **"NAMTECH"** which expression shall, unless repugnant to the context or meaning thereof, include its successors, permitted assigns, group entities, affiliates, subsidiaries, and associated entities)

National Institute of Technology, Manipur was established by the Ministry of Education, formally the Ministry of Human Resource Development (MHRD), Government of India, in the year 2010. It was declared as an Institute of National Importance through an act of Parliament and notified under Govt. of India Gazette notification No. 28 of 2012 dated 7 June 2012 , functioning at its premises at Imphal, Manipur (hereinafter referred to as the **"NIT Manipur"** which expression shall, unless repugnant to the context or meaning thereof, include its successors, permitted assigns, group entities, affiliates, subsidiaries, and associated entities)

For the purpose of this MOU, **NAMTECH** and **NIT Manipur** may individually be referred as "Party" and collectively as "Parties."

1. PREAMBLE

WHEREAS as one of the foremost institutes of national importance in higher technological education, NIT Manipur is uniquely placed in making substantial contributions to industrial advancement, automation and sustainability. NIT Manipur offers Bachelor's Programs, Master's Programs, and Doctoral programs through various Departments.

New Age Education and Skills Foundation is a not-for-profit organization established under Section 8 of the Companies Act 2013 by ArcelorMittal Nippon Steel India Limited and has

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founded New Age Makers' Institute of Technology (NAMTECH), which aims to provide high-quality engineering and technical education with a focus on advanced manufacturing and sustainability in India with advocacy of Manufacturing Engineering Technology (MET). NAMTECH's vision is closely aligned with the Honourable Prime Minister's *Viksit Bharat* mission, as it works to bridge the skill gap by equipping engineers, technicians and trainers with Industry 4.0 capabilities—preparing them to become future-ready professionals.

Both the parties/organisations share a strong commitment to creating social value, especially in the areas of education, skill development, diversity and environmental sustainability and hence have decided to collaborate.

2. SCOPE AND AREAS OF COLLABORATION

NOW, THEREFORE, In consideration of the mutual covenants herein-after appearing, it is hereby agreed by and between the Parties to establish a strategic partnership between NAMTECH and NIT Manipur to co-develop future-focused capabilities in smart manufacturing, mobility, robotics, sustainability, space and digital technologies, Artificial Intelligence, etc. bridging industry academia gap for national impact. This will support MAKE IN INDIA, DIGITAL INDIA & SKILL INDIA.

3. PURPOSE

NIT Manipur a premier national institute would leverage its rich repository of students, faculty and research infrastructure facilities to contribute to the mutually agreed mandate of taking forward the industrial trajectory in India towards technology advancement and sustainability.

NAMTECH along with industry partners shall provide industry-oriented experiential learning and its "living lab" approach for supporting joint initiatives.

4. KEY COLLABORATION AREA

i. Joint Research & Innovation:

- Establish Centres of Excellence (e.g., EV Systems, Industry 4.0, Robotics, Green Hydrogen).

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- Co-supervised MTech/PhD research on real-world industrial problems.
- Partner in national and international R&D grant proposals based on expertise of parties.

ii. Advanced Skilling & Curriculum Development:

- Co-create industry-aligned curriculum and micro-credentials.
- Run Faculty Development Programs (FDPs) and train-the-trainer workshops.
- Offer student immersion programs, summer schools, internships and live labs at NAMTECH and/or NIT Manipur.

iii. Startup & Innovation Ecosystem:

- Jointly mentor deep-tech startups through NAMTECH and NIT Manipur incubators.
- Organize Hackathons, Grand Challenges and accelerator bootcamps.
- Co-develop IP and support technology commercialization.

iv. Initiation of Joint Programmes:

- M Tech (1+1) Programmes
- Integrated Dual Degree B Tech + M Tech (4+1) Programmes.

v. Faculty & Industry Practitioner Exchange:

- Enable visiting faculty and experts from academia and industry.
- Conduct masterclasses, seminars and applied workshops at both campuses.

vi. Sustainability:

- Drive joint projects in affordable technologies for rural and urban India.
- Collaborate on green mobility and circular economy innovations.

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vii. Social Impact:

- Adopt Engineering Diploma Colleges & ITIs in NIT Manipur's vicinity using NAMTECH Hub & Spoke Model.

viii. Joint Clubs & Events:

- Co-create Joint Clubs of common interest like Automotive, Motor Sports, Robotics, Sustainability, Safety, Aerospace, Space Technology, Defence, World Skills, etc.

- Conduct Events, Conferences, Consortiums, Competitions, etc. jointly on topics of National Interest.

- Competitions should be amongst School Children, Engineering College students, Faculty, etc.

- Encourage & prepare our students to participate in International Events like World Skills, Robocon, Hackathon, BAJA, FORMULA, etc.

ix. Think Tank:

- Create White Papers for Government Ministries, NITI Aayog, National Skill Development Corporation to support Government to take policy decisions.

x. Fellowship & Scholarships:

- Declaring NAMTECH MET Fellowship programmes opportunities for eligible INI final-year B.Tech. students and alumni (under 30 years of age) to pursue the one-year International Professional Master's Program (IPMP) at NAMTECH.

5. FOCAL POINTS

The focal point for the MoU on the part of NIT Manipur shall be the Director, NIT Manipur or his representative. On the part of NAMTECH, the Director-General or his representative shall be the nodal person to ensure the effective execution of the activities related to the MoU.

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6. CONFIDENTIALITY AND USE OF INFORMATION

Information exchanged between the Parties under or regarding this MOU will only be used by the recipient to fulfil the spirit of this MOU. Such information will not be disclosed to any third party in any manner, without the prior consent of the Party providing the information, unless the disclosure is required by law or already available in the public domain. To the extent allowed by law, the recipient being so required by law to disclose any such information will inform the other Party about the situation as soon as is practicable.

Each Party will establish and maintain such safeguards as are necessary and appropriate to protect the confidentiality of information received from the other Party under this MOU. This provision shall survive the termination of this MOU.

7. INTELLECTUAL PROPERTY

The Parties recognize and acknowledge that the ownership of the background IP belonging to each Party will exclusively belong to that Party.

The ownership of any intellectual property (including but not limited to confidential information, know-how, copyrights. sensitive information, and any other industrial or intellectual property rights) developed jointly during this MOU shall be vested in both parties to this Memorandum.

Any publication shall only be possible with prior notice to each other and on mutual agreement. Nonetheless, both parties shall be free to use the intellectual property developed during the Project for its internal teaching, further research, and educational purposes. This provision shall survive the termination of this MoU.

Neither Party is authorized to use the other party's name, trademark or logo in any manner without the other party's written consent.

8. UNDERSTANDING OF PARTIES

Nothing in this MoU shall grant to either Party the right to bind the other Party, without the

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prior written consent of the other Party.

The Parties understand and acknowledge that this MoU will provide the foundation for more comprehensive and definitive agreements. The provisions of this MoU reflect the current plans and intentions of NAMTECH and NIT Manipur. However, specific terms and conditions concerning particular projects under this MoU are to be outlined in future definitive agreements between the Parties.

Each Party represents that concerning the matters that are subject to this MoU; it will not make or offer any payment, or gift, either directly or through intermediaries, to or for the use of any public official where such payment, gift, promise, or advantage would amount to any illegality and /or corrupt practice under the law.

9. BINDING TERMS

It is clearly understood by NIT Manipur and NAMTECH that there will be no obligation or financial commitment whatsoever on the Parties under this MoU unless otherwise agreed.

For each one of the activities and/or actions identified by the Parties under this MoU, and/or when specific obligations or financial commitments appear necessary to the Parties, the Parties may enter, directly or through the concerned affiliate, into a specific agreement defining in detail the respective obligations and commitments of each Party, and particular the program of work, and the financial conditions of its execution.

10. NOTICES AND ADDRESSES

For this MOU's purposes, the Parties' address will be as follows. All correspondence and notices in relation to the present MOU sent to the Parties at the address mentioned below shall be deemed sufficient service of the notice on the Parties.

The Institutions identify following coordinators to ensure proper implementation of the Program:

NAMTECH:

Name: Dr. Devang Joshi

Designation: Executive Registrar

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NAM:TECH
We Inspire Humane Capital

Address: NAMTECH, Research Park, IIT Gandhinagar, Palaj, Gandhinagar Gujarat -382055

Email: devang.joshi@namtech.ac

NIT Manipur:

Name: Dr. Aheibam Dinamani Singh

Designation: Dean (R&C)

Address: NIT Manipur, Langol Road, Lamphelpat, Imphal, Manipur 795004

Email: ads@nitmanipur.ac.in

11. TERMINATION AND WITHDRAWAL

This MoU shall automatically terminate on the third anniversary of the signing date unless extended by mutual agreement of the Parties in writing or unless earlier terminated on the occurrence of any one of the following:

a. Mutual written agreements by the Parties to terminate this MoU.
b. Termination of this MoU by any Party by serving ninety (90) days prior written notice to the other Party. The said termination will not affect any existing student beneficiary in any condition.

Notwithstanding anything contained herein to the contrary, no Party shall be liable to pay any compensation for any loss, damages, or claims to the other Party upon expiry or termination of this MoU by its terms, unless as stated otherwise under the MoU.

12. LIABILITIES

This MOU is only a statement of intent and does not create, directly or indirectly, any legally binding rights, obligations or liabilities, on either Party.

No Party shall hold the other Party liable or responsible for any direct or indirect costs, expenses, losses, claims or any financial commitments, borne or proposed to be borne as a result of any act or omission undertaken by such Party, solely on the basis of this MOU.

13. DURATION

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This MOU is valid for a period of three (3) years from the date of its signing. It shall become effective upon signature by the authorized officials of both parties and will remain effective until modified or terminated by mutual consent. Any modification to the MOU must be mutually agreed upon by the authorized officials of both parties. In the absence of mutual agreement, this MOU shall end after three (3) years. The parties may, subject to mutual consent, extend their partnership on mutually agreeable terms and conditions after the end of this MOU by signing a new MOU.

14. GOVERNING LAW AND DISPUTE RESOLUTION

This MOU shall be governed by the laws of India. Should any disputes or differences arise during this Agreement between the Parties, they agree to amicably resolve the same through discussions between the Director, NIT Manipur and the Director-General of NAMTECH or their respective nominees. Any unresolved disputes shall be settled by arbitration governed by the Arbitration and Conciliation Act 1996 and its amendments. The place of arbitration shall be Ahmedabad, and the language shall be English. The Parties submit to the exclusive jurisdiction of the courts in Ahmedabad.

15. ASSIGNMENT

The Parties shall not be entitled to assign, license, or in any manner deal with the benefit, in whole or in part, or any rights under this MOU without the prior written consent of the owner or the other Parties to this Agreement.

16. AMENDMENT

Except as otherwise provided herein, no addition, amendment, or modification of any part of the MOU shall be effective unless done in writing and signed by and on behalf of both Parties by their respective Authorized Signatories.

Signed on this 11 day of July 2025, in two copies in the English language, both copies being equally authentic.

Scanned with OKEN Scanner

Annexure XIII

To
The Dean Academics
National Institute of Technology, Manipur

Through Proper Channel

Recommended to DPPC.
25/8/25 DPPC Chairman

Subject: Request for Grant of Institutional Ph.D. Scholarship for the remaining three years.

Respected Sir,

I, Boynaoton Konthoujam, Ph.D. scholar, Enrollment No. 23401006, under the supervision of Prof. Potsangbam Albino Kumar, currently in my fifth semester under the Department of Civil Engineering, humbly request the grant of an Institutional Ph.D. Scholarship for the remaining three years of my research period.

At the time of my admission, I was not eligible for the fellowship, and hence I did not receive the scholarship for the initial two years of my Ph.D. programme. However, I have subsequently qualified for NET, and I am now eligible to avail the scholarship.

I have also completed my State-of-the-Art Seminar on 01/08/2025, fulfilling the academic requirement as per the Ph.D. regulations of the Institute.

I kindly request your good office to consider my case and approve the Institutional Ph.D. Scholarship for the remaining three years of my tenure. This support will greatly help me in continuing my research work effectively.

With regards,

Yours sincerely,

Forwarded with recommendation for kind consideration.
01/09/25

Boynaoton K 25/8/25
Boynaoton Konthoujam
Ph.D. Scholar, 5th Semester
Enrollment No: 23401006
NIT Manipur

Head of Department
Civil Engineering
National Institute of Technology, Manipur

Enclosures:

1. Copy of NET Qualification Certificate

राष्ट्रीय परीक्षा एजेंसी
National Testing Agency
Excellence in Assessment

सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग
University Grants Commission
Quality higher education for all

(उच्चतर शिक्षा विभाग, शिक्षा मंत्रालय, भारत सरकार के तहत एक स्वायत्त संगठन)
(An Autonomous Organization under the Department of Higher Education, Ministry of Education, Government of India)

UGC – NET June 2025 Scorecard

Roll Number:	MN01000119	**Application Number:**	250510424840	F8397A46B6A76D00843ACE72BE39065D
Candidate's Name:	BOYNAOTON KONTHOUJAM			
Mother's Name:	CHINGANGBAM USHAKIRAN DEVI			
Father's Name:	KONTHOUJAM UMAKANTA SINGH			
Category:	OBC-(NCL)	**PwD/PwBD*:**	NO	
Gender:	MALE	**Date of Birth:**	02-11-1996	
Subject:	(089) - ENVIRONMENTAL SCIENCES			
No. of Candidates in this Subject	**Registered:** 29073	**Appeared:**	20536	
Applied on the basis of:	MASTER DEGREE			Boynaoton K
Applied for:	ASSISTANT PROFESSOR, JRF(JUNIOR RESEARCH FELLOWSHIP), PH.D. ONLY			

Paper	Maximum Marks	Marks Obtained	Percentile Score Obtained
Total (Paper – 1 + Paper – 2):	300	144	94.0592131
Total Marks Obtained in Words:	ONE HUNDRED FORTY FOUR ONLY		
Total Percentile Score Obtained in Words:	NINETY FOUR POINT ZERO FIVE NINE TWO ONE THREE ONE ONLY		
Result:	QUALIFIED FOR ASSISTANT PROFESSOR & ADMISSION TO Ph.D.		

**' VI-Visually Impaired, HI- Hearing Impaired, LM-Locomotor Disability, OD-Other Disability*

Dated: 21-07-2025

Boynaoton K
25/8/25

Director (Exams), NTA

Subject – wise/Category – wise cut-offs are available on the website of NTA.

Note :

1. This electronically generated scorecard is the official result declared by NTA and does not require any signature.
2. The Candidate's particulars, including Category and PwD/PwBD, have been indicated as mentioned by the candidate in the online Application Form.
3. Subject-wise Cut-Off is based on the Marks/Percentile.
4. NTA shall not be responsible for any printing errors in the publication. While preparing the scores, due care has been taken. However, any inadvertent error cannot be ruled out. The NTA reserves the right to rectify any error at a later stage.
5. In the case of qualified candidates, JRF award letter/e-certificate will be issued separately.
6. For detailed information, the award letter/e-certificate and the Information Bulletin may be referred to.

App No : 250510424840 IP :49.47.142.86 Date and Time: 22-07-2025 01:32:58 [Page 1 of 1]

Boynaston K
25/8/25

DEPARTMENTOFCIVILENGINEERING
राष्ट्रीय प्रौद्योगिकी संस्थान,मणिपुर
National Institute of Technology, Manipur
Langol Campus, Manipur – 795004, India
An Autonomous Institute under Ministry of Education, Govt. of India
(0385)2413031 hodcivil@nitmanipur.ac.in

Date: 22/08/2025

To,

The Director,
National Institute of Technology Manipur,
Langol, Imphal 795004.

Through Proper Channel
(Head of Department and Dean (R&C))

Subject: Request for Approval to Act as Co-Guide for a Ph.D. Student of CAU Imphal

Respected Sir,
Under the existing Memorandum of Understanding (MoU) between NIT Manipur and Central Agricultural University (CAU), Imphal, I have been invited by Prof. Edwin Luikham, Professor, Department of Agronomy, CAU Imphal, to act as Co-Guide for his Ph.D student, Mr.R. Sabarivasan [Regn No. 15A-24(PhD)/AGR], Department of Agronomy who is pursuing research on "Spatio-Temporal Analysis of Agro-meteorological Drought in Manipur using Satellite Derived Vegetation and Climate indices".

I have received a **formal invitation from Prof. Edwin Luikham** and **approval from the CAU Imphal**, which are enclosed herewith for your kind reference.

I kindly request your **approval to take up this responsibility as Co-Guide**. This collaboration is in line with the objectives of the MoU and is expected to strengthen academic and research cooperation between our institutes.

Enclosures:
1. Formal invitation from Prof. Edwin Luikham, CAU Imphal.
2. Approval letter from, CAU Imphal.
3. Copy of MoU between NIT Manipur and CAU Imphal

Thanking you in anticipation.

22/08/2025

Yours sincerely,
Dr. Thiyam Tamphasana Devi
Associate Professor
Department of Civil Engineering, NIT Manipur
Email: tamphasana@nitmanipur.ac.in/thiyam85@gmail.com
Contact: +91-8131058811

1 | Page

01

Invitation CAU

DEPARTMENT OF AGRONOMY
COLLEGE OF AGRICULTURE
CENTRAL AGRICULTURAL UNIVERSITY
IMPHAL

Dr. Edwin Luikham
Professor
Email: [illegible]

Date: 21.07.2025

Ref. No. .....

To
Dr. Thiyam Tamphasana Devi
Associate Professor
Department of Civil Engineering
NIT, Manipur

Through HOD, Agronomy

Subject: Request to be Co-guide for Ph.D. Research Advisory Committee -reg.

Madam

I have the honour to state that one of my Ph.D. scholars, **Mr. R. Sabarivasan**, bearing registration No. **15A-24(Ph.D.)AGR**, under the Department of Agronomy, College of Agriculture, Central Agricultural University, will be pursuing research on the topic entitled: **"Spatio-Temporal Analysis of Agrometeorological Drought in Manipur Using Satellite-Derived Vegetation and Climatic Indices."**

In this regard, I request you to be the Co-guide of the Ph.D. student mentioned, looking to your proven expertise in the domains of hydrological modelling and remote sensing which will be immensely beneficial to the scholar's research methodology and academic progress.

As per the **Memorandum of Understanding (MoU)** signed between Central Agricultural University and NIT Imphal, such collaboration is well within the permitted framework.

Thank you

Yours faithfully

(Edwin Luikham)
Professor of Agronomy

(Dr. Edwin Luikham)
Prof.,
Department of Agronomy,
College of Agriculture, CAU, Imphal

Forwarded for necessary action
21/7/2025
HOD Agronomy

Prof. K. Nandini Devi
Department of Agronomy
College of Agriculture
Central Agricultural University,
Imphal-Manipur

Nakul 21/7/25

(02)

CENTRAL AGRICULTURAL UNIVERSITY
IMPHAL : MANIPUR

No. CAU/DI/188/15-16/446.

Imphal, the 20th August, 2025

To,

The Dean,
College of Agriculture,
Imphal, Manipur.

Sub: Request for approval to include Dr. Thiyam Tamphasana Devi (Associate Professor, Deptt. of Civil Engineering, NIT, Manipur) in the PhD Research Advisory Committee as Co-guide - reg. (RN- 1217)

Sir,

In inviting a reference to your letter No. CAU/CA(Acad)-2/PhD/16/439, dtd. 06.08.2025 on the above subject, I am directed to convey the **approval** for inclusion of Dr. Thiyam Tamphasana Devi, Associate Professor, Deptt. of Civil Engineering, NIT, Imphal, Manipur as a member in the capacity of Co-guide in the Advisory Committee of the PhD scholar/student Mr. R. Sabarivasan, Regn. No. 15A-24(PhD)/AGR, Deptt. of Agronomy, CoA, Imphal.

This is submitted for your kind information and necessary action, please.

Yours Sincerely,

(Y. Ranjana Devi)
Dy. Director of Instruction

Memo No. CAU/DI/188/15-16

Imphal, the 20th August, 2025

Copy to :-

1. Dr. Thiyam Tamphasana Devi, Associate Professor, Deptt. of Civil Engineering, NIT, Imphal, Manipur for information and necessary action.
2. Office copy.

20/8/25

(Y. Ranjana Devi)
Dy. Director of Instruction

(03)

MOU

भारतीय गैर न्यायिक

पचास रुपये FIFTY RUPEES

रु.50 Rs.50

INDIA

INDIA NON JUDICIAL

मणिपुर মণিপুর MANIPUR 737515

Memorandum of Understanding

between

CENTRAL AGRICULTURAL UNIVERSITY, IMPHAL

and

NATIONAL INSTITUTE OF TECHNOLOGY MANIPUR, IMPHAL

for facilitating

Faculty capacity building Students' Training Postgraduate Research

This Memorandum of Understanding (hereinafter referred to as MoU) is made on this 3rd day of the month of March in the year 2022 by and between CENTRAL AGRICULTURAL UNIVERSITY having its Head Office at IMPHAL, MANIPUR [hereinafter called "CAU-IMPHAL "/First party], a leading Central University having excellence in teaching, research and extension education in the field of agriculture and allied sciences on the ONE PART and the NATIONAL INSTITUTE OF TECHNOLOGY MANIPUR, IMPHAL [hereinafter called "NITM" Second party] having excellence in Artificial Intelligence (AI) and engineering subjects on the OTHER PART (who for the purpose of this MoU are hereinafter collectively referred to as the parties).

(Signature of First Party) (Signature of Second Party)

1

04

The parties, having discussed fields of common research interests and allied activities between the two institutions, have decided to enter into long-term collaboration for promotion of capacity building of faculty, students' training and quality postgraduate research in cutting edge areas AND WHEREAS it has been considered expedient to agree in writing to participate jointly in the projects requiring expertise and logistics from both the parties.

Article 1. Scope

1.1. Both the parties will recognize each other as an Institute for conducting faculty exchange and research related to the thesis requirement of the research students. Both the parties will recognize Scientists/Faculty of the Institute as recommended by its Vice Chancellor in accordance with the University rules and regulations for guiding students working for the said degree.

1.2. Operational details of research effort and collaboration will be made in common research programmes and/or projects restricted to specific mandated domain within the approved disciplines/divisions.

1.3. Research instrumentation facility and library facilities available with the First party and the Second party will be made available to the faculty and research scholars. However, the costs of specific consumables will be borne by the respective organizations.

1.4. There shall be an exchange of faculty and students for academic, research and training purposes. Accommodation in the Guest House/Hostel shall be arranged, wherever possible, as per extant rates. The duration of exchange visits will be determined by mutual consent between both the parties.

Article 2. Management

2.1. Vice-Chancellor of the First party and the Director of the Second party will be responsible to work out operational details of co-operation between the two organizations and ensure proper and effective implementation of this MoU.

2.2. The Advisory Committee will meet at least once in a year alternatively in the institutions of the First party and the Second party to review the activities. This meeting shall include presentation on the academic and research activities, which should be open to the students, faculty and scientists.

Article 3. Exchange of Information

3.1. The term "information" includes scientific or technical data, results and/or methods of investigation, and other information intended to be provided, exchanged, or arising under project descriptions entered into pursuant to this MoU.

(Signature of First Party)

(Signature of Second Party)

2

3.2. The parties support the widest possible dissemination of information. Each party in joint projects shall be given the right to use, disclose, publish or disseminate such information for any and all purposes.

Article 4. General Provisions

4.1. It is understood that the First party and the Second party subscribe to the principle of equal opportunity and do not discriminate on the basis of race, sex, age, caste or religion. Both the Institutions shall abide by these principles in the administration of this agreement and neither party shall impose criteria for exchange of faculty/scholars or students, which violate principles of non-discrimination.

4.2. Both parties understand that all financial agreements will have to be negotiated separately and will depend on the availability of funds.

4.3. Both parties acknowledge that exchange of students from one party to the other shall be subject to the availability of funds and shall comply with the regulations and policies of the First party and the Second party.

4.4. Any research publications arising will be jointly published in accordance with the mutual agreement between the two parties

4.5. A copy of the thesis/dissertation will be submitted to the Second party after the award of the degree by the First Party and *vice-versa*.

4.6. All questions related to this MoU arising during its term will be settled by the parties by mutual agreement. Disagreements at the operating level shall be forwarded to respective higher officials for appropriate resolution failing which an arbitrator of mutual acceptance may be identified for the settlement of dispute, if any.

4.7. All questions not foreseen related to this MoU will be handled by the parties by mutual agreement.

4.8. Nothing in this MoU is intended to affect other cooperation or collaborations between the parties.

Article 5. Intellectual Property Rights

5.1. Both parties are expected to ensure protection of the Intellectual Property Rights generated or likely to be generated during the student's research work.

(Signature of First Party)

(Signature of Second Party)

56

Article 6. Admission and Fees

6.1. All those who wish to register as trainees or for Master/Doctoral programme under this MoU must apply for admission at the First/Second party. The allocation of Major Guide/Advisor would be finalized before the registration and will be governed by mutual agreement between the two parties.

6.2. Admission of the students and the award of degrees for different programmes will be the responsibility of both parties as per the rules and regulations.

6.3. Both the parties would have the right to screen the student's eligibility for admission based on their academic period.

6.4. The number of student(s) at any particular time will be subjected to the availability of research facilities and faculty/scientists' time to guide thesis research

6.5. Any student(s) admitted for training/postgraduate research, if found violating the rules and regulations laid down by the institute or indulge in such activities that amount to tarnishing the image of the Institute, or cause damage to the property, the registration of such student(s) would be summarily terminated. Both parties will not complete the formalities of issuing the certificates to such students until they compensate the losses.

Article 7. Entry into effect, modification and termination

7.1. This MoU shall become effective on the date it is signed by the parties and shall be valid for three years extendable up to five years. Both parties shall review the status of the MoU at the end of each three five year period to determine any modification, whenever necessary. The period of validity of this MoU may be extended by mutual consent up to five years. This MoU may be amended by mutual written agreement and may be terminated at any time by either party upon written notification signed by the competent authority of the party initiating termination. Such notification must be given to the other party at least six months in advance from the effective date of termination.

7.2. All joint activities not completed at the expiration or termination of the MoU may be continued until their completion under the terms of this MoU.

7.3. No amendment or modification of the MoU shall be valid unless the same is made in writing by both the parties or their authorized representatives and specifically stating the same to be amendment of the MoU. The modifications changes shall become part of the MoU and shall be effective from the date on which they are made/executed, unless otherwise agreed to.

(Signature of First Party)

(Signature of Second Party)

4

This MoU has been executed in two originals, one of which has been retained by the First party and the other by the Second party.

IN WITNESS WHEREOF, the parties have executed this MoU and represent that they approve, accept and agree to terms contained herein.

(Dr. Anupam Mishra) Vice-Chancellor Central Agricultural University Lamphelpat, Imphal, Manipur-795 004 Phone No. 0385- 2415933 Email: vcoffiecau@yahoo.in	(Prof. (Dr.) Goutam Sutradhar) Director National Institute of Technology Manipur Langol, Imphal, Manipur- 795 004 Phone No. 03852058566 Email: goutam_sutradhar1@rediffmail.com, director@nitmanipur.ac.in
Seal	Seal Director National Institute of Technology Manip An Autonomous Inst. under MHRD,G
Date: 3/3/2022	Date:
Signatures with seal	Signatures with seal
Witness – 1 Director of Instruction Central Agricultural University Imphal-795004	Witness – 1
Witness – 2 Dy. Director of Instruction Directorate of Instruction Central Agricultural University, Imphal	Witness – 2

To the dean.

Mr. Khelchandra Thongam

Respected sir,

Pls put up.
Supdt. (Acad)
9/9/25

I have suffer from medical Issue from past 1 year. I have disc problem and my report is attached to this application please review it. Due to this problem I withdrawal 1st and 2nd semester. and Doctor will take permission to continue their study to going college then I will come in 3rd semester. So due to this issue I claim to adjust my 1st ~~sem~~ college fees in 2nd semester and remaining fees will be refund. Sir I want to refund my 1st ~~sem~~ hostel fee completely. Because I will go to my home and continue my treatment. Please help me sir in this condition with Economically to refund my remaining fees and also help to Emotinally.

I have kindly grateful for us.

Your obediently

Jatin (CSE branch 1st Year NIT Manipur)

Mob. no.1= 8901316942

Mob. no. 2 = 98965-60451

Date- 3-sept.-2025

Krishan

M. : 94855-12064

Ph. : 01667-225988

SHREE BHAGWAN DASS MEMORIAL PUNJABI SABHA EYE HOSPITAL

BHATTU ROAD, FATEHABAD-125050 (HARYANA)

Dr. Amit Kumar Lamba
M.D. Physician
Ex. Mahatma Gandi Hospital, Jaipur
Ex. Fortis Hospital, New Delhi

Dr. Amit Narang
M.B.B.S. (MAMC, New Delhi)
M.S. Orthopedics
(LHMC & RML Hospital, New Delhi)
Joint Replacement
BLK Super Speciality, New Delhi

Dr. Sumit Narang
M.B.B.S.
M.S. ENT
Ex. Assistant Professor MMIMSR, Ambala
Endoscopy Expert
Head & Neck Surgeon

Dr. Kaushal Sharma
M.D.S.
(Filling & R.C.T. Specialist)
Ex. Sr. Lecturer,
J.C.D. Dental College, Sirsa

Patient Name : Jatin
Doctor: Dr. Amit Narang
OPD No.: 30/08/25/018
Address : Ayalki
Date : 30-08-2025

Age & Sex : 19 Male
UHID No.: 4319

PWD

Ady

INVESTIGATIONS

BP.....
Pulse.....
Temp.....
SPO2.....
Weight.....

Dr. Amit Narang
M.B.B.S., M.S. (ORTHO)
DNB (ORTHO), MNAMS
Reg. No. HMC/P/010324

PATIENT CONSENT BEFORE TREATMENT

I _____ do agree to take the following procedure _____ under my own willing fully aware of the risks involved. I take full responsibility of my decision and the consequences of the same.

Signature of Patient

Date : __/__/__

समय :
ग्रीष्मकालीन :
सुबह 9 बजे से दोपहर 2 बजे तक
सांय 5 बजे से 7 बजे तक
शीतकालीन :
सुबह 10 बजे से दोपहर 2 बजे तक
सांय 5 बजे से 7 बजे तक

सभी कैंसरों एवं सांप के काटने का आधुनिक मशीनों द्वारा ईलाज

प्लास्टर करते हुए हाथ व पैर की उंगलियों को हिलाते रहें एवं ऊंचा रखें।

हर प्रकार के नशे का ईलाज

- I.C.U.
- VENTILATOR
- DEFIBRILLATOR
- CARDIAC MONITORS
- PRIVATE & A.C. ROOMS
- X-RAY & ECG
- DIALYSIS CENTER

Not Valid for Medico Legal Purpose

कृपया हर बार पुरानी पर्ची साथ लायें

Ph. : 01667-225988

5-12064

SHREE BHAGWAN DASS MEMORIAL PUNJABI SABHA EYE HOSPITAL

BHATTU ROAD, FATEHABAD-125050 (HARYANA)

Dr. Amit Kumar Lamba
M.D. Physician
Ex. Mahatma Gandi Hospital, Jaipur
Ex. Fortis Hospital, New Delhi

Dr. Amit Narang
M.B.B.S. (MAMC, New Delhi)
M.S. Orthopedics
(LHMC & RML Hospital, New Delhi)
Joint Replacement
BLK Super Speciality, New Delhi

Dr. Sumit Narang
M.B.B.S.
M.S. ENT
Ex. Assistant Professor MMMSR, Ambala
Endoscopy Expert
Head & Neck Surgeon

Dr. Kaushal Sharma
M.D.S.
(Filling & R.C.T. Specialist)
Ex. Sr. Lecturer,
J.C.D. Dental College, Sirsa

Name- Jatin Age- 19/M
Add- Ayalki UHID-4319
OPD- 20/7/25/23 Dr-A.N

PWD

Lt Eye → Fundus
Lt Eye → Gibbs

Plan → Posterior Capsulotomy + Pediatric Examination

→ + ENT Therapy
→ Topical Eye Drops

INVESTIGATIONS

BP.....

Pulse.....

Temp.....

SPO²....

Weight.....

समय :

ग्रीष्मकालीन :
सुबह 9 बजे से दोपहर 2 बजे तक
सांय 5 बजे से 7 बजे तक

शीतकालीन :
सुबह 10 बजे से दोपहर 2 बजे तक
सांय 5 बजे से 7 बजे तक

PATIENT CONSENT BEFORE TREATMENT

I _____ do agree to take the following procedure _____ being fully aware of the risks involved. I take full responsibility of my decision and the consequences of the same.

Signature of Patient

सभी रोगों एवं चांच के काटने का आधुनिक मशीनों द्वारा ईलाज

पलस्तर करते हुए हाथ व पैर की उंगलियों को हिलाते रहे एवं ऊंचा रखें।

हर प्रकार के चर्म का ईलाज सिलाई, प्लास्टर, जन्म समय के कारण होने वाली विकृति का रोग, बार-बार होने वाले रोग, पैसा रोग

- I.C.U.
- VENTILATOR
- DEFIBRILLATOR
- CARDIAC MONITORS
- PRIVATE & A.C. ROOMS
- X-RAY & ECG
- DIALYSIS CENTER

Not Valid for Medico Legal Purpose

कृपया हर बार पुरानी पर्ची साथ लायें

Ph. : 01667-225988

SHREE BHAGWAN DASS MEMORIAL PUNJABI SABHA EYE HOSPITAL

BHATTU ROAD, FATEHABAD-125050 (HARYANA)

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M.S. Orthopedics
(LHMC & RML Hospital, New Delhi)
Joint Replacement
BLK Super Speciality, New Delhi

Dr. Sumit Narang
M.B.B.S.
M.S. ENT
Ex. Assistant Professor MMMSR, Ambala
Endoscopy Expert
Head & Neck Surgeon

Dr. Kaushal Sharma
M.D.S.
(Filling & R.C.T. Specialist)
Ex. Sr. Lecturer,
J.C.D. Dental College, Sirsa

Patient Name : Jatin
Doctor: Dr. Amit Narang
OPD No.: 24/05/25 071
Address : Ayaiki
Date : 24-05-2025

Age & Sex : 10 Male
UHID No.: 4319

INVESTIGATIONS

BP.....
Pulse.....
Temp.....
SPO².....
Weight.....

समय :
दीर्घाकालीन :
सुबह 9 बजे से दोपहर 2 बजे तक
सांय 5 बजे से 7 बजे तक
शीतकालीन :
सुबह 10 बजे से दोपहर 2 बजे तक
सांय 5 बजे से 7 बजे तक

PATIENT CONSENT BEFORE TREATMENT
I do agree to take the following procedure _____ under LAGA, being fully aware of the risks involved. I take full responsibility of my decision and the consequences of the same.

Signature of Patient

Date : _____

सांप के काटने का आधुनिक मशीनों द्वारा इलाज

मालूम करने हेतु हाथ व पैर की उंगलियों को हिलाते रहें एवं खुला रखें।

हर प्रकार के रोगों का इलाज विशेषज्ञ, अनुभवी, वर अपना इलाज के लाभ होने पश्चात किसी का पैसा, मरम्मत हाथ खेल, पैसा पेल

- I.C.U.
- VENTILATOR
- DEFIBRILLATOR
- CARDIAC MONITORS
- PRIVATE & A.C. WARDS
- X-RAY & ECG
- DIALYSIS CENTER

Not Valid for Medico Legal Purpose

कृपया हर बार पुरानी पर्ची साथ लायें

ManipalHealthMap

Regional Diagnostic Centre, Maharaja Agrasen Medical College, Hissar - Sirsa Road, Agroha, Haryana -125047

NABH

MR Report

Patient Name	JATIN	Patient ID	HAGR-380043708
Age/ Sex	20Y / M	Service Name	MRI Lumbar Lumbo Sacral Spine Without Contrast
Accession No.	1782184-887	Scan Date Time	05-07-2025 11:11:58
Referred By	Dr Ravi	Report Date Time	06-07-2025 19:34

MRI- LUMBO-SACRAL SPINE

TECHNIQUE:

T1W, T2W Sagittal MR Myelogram T2W axial

STIR Coronal – SI joints

OBSERVATION:

Lumbar curvature is normal.

Rest of vertebral bodies are normal in height. The posterior elements appear unremarkable.

There is loss of T2 hyperintensity at few levels– S/o partial to complete disc dessication.

Marginal osteophytes are seen at multiple levels.

L3-L4 disc- annular fissuring with diffuse disc bulge with focal central protrusion indenting thecal sac with narrowing of bilateral neural foramina.

L4-L5 disc- annular fissuring with diffuse disc bulge with posterocentral disc protrusion indenting thecal sac with narrowing of bilateral neural foramina with impingement of bilateral exiting and traversing nerve roots.

L5-S1 disc- annular fissuring with diffuse disc bulge with focal central protrusion indenting thecal sac with narrowing of bilateral neural foramina with impingement of bilateral exiting and traversing nerve root.

The facet joints and neural foraminae are normal.

The ligamentum flavum thickness is within normal limits.

The pedicles, laminae spinous process and transverse process of the lumbar vertebrae show normal morphology.

Lumbar canal AP diameter at L1 to L5 levels:

Level	L1-L2	L2-L3	L3-L4	L4-L5	L5-S1
AP mm	13.5	12.2	10.5	7	6.6

N.B. : This is only a professional opinion and not the final diagnosis. Radiological investigations are subject to variations due to technical limitations. Hence, correlation with clinical findings and other investigations should be carried out to know true nature of illness.

HOSPITAL NO: HAGR-380043708 | REPORT TIME: 06-07-2025 19:34

HealthMap Diagnostics Private Limited
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MR Report

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The spinal cord, conus medullaris and the sub arachnoid space are normal.

The nerve roots of the cauda equina appear normal.

The paraspinal soft tissues appear normal.

IMPRESSION:

- **L3-L4 disc- annular fissuring with diffuse disc bulge with focal central protrusion indenting thecal sac with narrowing of bilateral neural foramina.**
- **L4-L5 disc- annular fissuring with diffuse disc bulge with posterocentral disc protrusion indenting thecal sac with narrowing of bilateral neural foramina with impingement of bilateral exiting and traversing nerve roots.**
- **L5-S1 disc- annular fissuring with diffuse disc bulge with focal central protrusion indenting thecal sac with narrowing of bilateral neural foramina with impingement of bilateral exiting and traversing nerve root.**

Dr Sunaina
MD Consultant Radiologist

N.B. : This is only a professional opinion and not the final diagnosis. Radiological investigations are subject to variations due to technical limitations. Hence, correlation with clinical findings and other investigations should be carried out to know true nature of illness.

HOSPITAL NO: HAGR-380043708 | REPORT TIME: 06-07-2025 19:34

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Minutes of the Departmental Postgraduate Programme Committee Meeting,
Department of Mathematics, NIT Manipur
Date: 5 August 2025
Time: 01:30 PM
Venue: Mathematics Lab, NIT Manipur

Agenda: Discussion about the minute submitted by DC for Re-registration in the Ph.D. programme in the ongoing semester beyond the permissible limit for Mr. Ashutosh Mishra (Enrolment No. 17408002), Part-Time Ph.D. Scholar.

DPPC Members:

1. Dr. Sunil Panday, Associate Professor (Math) & Head (Math) - Chairman
2. Dr. Ch. Barchand Singh, Professor (Math) - Member
3. Dr. S. Surendra Singh, Associate Professor (Math) - Member
4. Dr. Mamata Maisnam, Associate Professor (Physics) - Member
5. Dr. K. Somorjit Singh, Assistant Professor (Math) -Member

Discussion and Recommendations:

The DPPC discussed minutes submitted by DC regarding the application of Mr. Ashutosh Mishra(17408002), a part-time Ph.D. research scholar, for Re-registration in the Ph.D. programme in the ongoing semester, having already completed the maximum permissible duration of seven years along with the one-year COVID-19 extension.

The committee reviewed the recommendation forwarded by the Doctoral Committee (DC) and noted the following:

1. The scholar has completed his Ph.D. coursework, comprehensive examination, SOAS presentations, and has regularly submitted yearly progress reports in accordance with institute norms.
2. He has published one research paper in a Scopus-indexed journal. A second paper was communicated to an SCI-indexed journal on 11/11/2024 and is currently under review. A third manuscript is expected to be submitted shortly.
3. The delay in thesis submission is primarily due to the extended review period of the communicated paper, which is integral to the thesis.

After discussion, the DPPC has recommended for Re-registration in the Ph.D. programme in the ongoing and permission to register in the ongoing semester to Mr. Ashutosh Mishra (Enrolment No. 17408002).

5/8/2025
(Prof. Ch. Barchand Singh)
Member

S. Surendra Singh 5/8/2025
(Dr. Sanasam Surendra Singh)
Member

Mamata Maisnam
(Dr. Mamata Maisnam)
Member

K. Somorjit Singh 05/08/25
(Dr. K. Somorjit Singh)
Member

Sunil Panday 5/8/2025
(Dr. Sunil Panday)
Chairman

Minutes of the Doctoral Committee Meeting,
Department of Mathematics, NIT Manipur
Date: 4 August 2025
Time: 01:30 PM
Venue: Mathematics Lab, NIT Manipur

Agenda: Discussion on the application for Re-registration in the Ph.D. programme in the ongoing semester beyond the permissible limit for Mr. Ashutosh Mishra (Enrolment No. 17408002), Part-Time Ph.D. Scholar.

DC Members:

1. Dr. S. Surendra Singh, Associate Professor (Math) - Chairman
2. Dr. Ch. Barchand Singh, Professor (Math) - Member
3. Dr. Sunil Panday, Associate Professor (Math) - Member
4. Dr. Shagolsem Lenin Singh, Associate Professor (Physics) - Member

Discussion and Recommendations by DC:

The Doctoral Committee considered the request of Mr. Ashutosh Mishra (Enrolment No. 17408002), part-time Ph.D. research scholar for Re-registration in the Ph.D. programme in the ongoing semester, having already completed the maximum permissible duration of seven years along with the one-year COVID-19 extension.

The supervisor, Dr. Sunil Panday, briefed the committee on the scholar's academic progress and status:

1. The scholar has completed all mandatory Ph.D. requirements including coursework, comprehensive examination, SOAS presentations, and has consistently submitted yearly progress reports as per the institute regulations.
2. He has published one research paper in a Scopus-indexed journal. A second paper has been communicated to an SCI-indexed journal on 11/11/2024 and is currently under review. A third manuscript is expected to be submitted shortly to another SCI-indexed journal.
3. The delay in thesis submission is primarily due to the extended review timeline of the communicated paper, which is intended to be included in the thesis.

After discussion, the Doctoral Committee recommended granting for Re-registration in the Ph.D. programme in the ongoing semester to Mr. Ashutosh Mishra (Enrolment No. 17408002).

4/8/2025
(Prof. Ch. Barchand Singh)
Member

4/8/2025
(Dr. Sunil Panday)
Member

04-08-2025
(Dr. Shagolsem Lenin Singh)
Member

4/8/2025
(Dr. Sanasam Surendra Singh)
Chairman