

NATIONAL INSTITUTE OF TECHNOLOGY MANIPUR

**Minutes of the
28th Senate Meeting**



Day: Friday

Date: 17/03/2023

Time: 3.00 PM

(Via Composite Mode)

MINUTES OF THE 28th SENATE MEETING HELD ON 17th March, 2023

The 28th Senate Meeting of National Institute of Technology Manipur was held on 17th of March, 2023 at 3.00 PM via Composite Mode.

The following members attended the meeting

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|--|---|-----------------------|
| ❖ Prof. (Dr.) Goutam Sutradhar
Director, NIT Manipur | : | Ex-officio Chairman |
| ❖ Prof. Memcha Loitongbam
Manipur University | : | Member |
| ❖ Dr. Debasish Bhattacharya
NIT Agartala
(Via Video Conference) | : | Member |
| ❖ Dr. Prabir Kumar Mukhopadhyay
Ex- Member Secretary,
Damodar Valley Corporation | : | Distinguished Invitee |
| ❖ Prof. Rajesh Kumar Bhushan
Dean (AA), NIT Manipur | : | Member |
| ❖ Prof. Kh. Manglem Singh
HoD, CSE, NIT Manipur | : | Member |
| ❖ Prof. P. Albino Kumar
CE Dept, NIT Manipur | : | Member |
| ❖ Prof. Bakimchandra Oinam
CE Dept, NIT Manipur | : | Member |
| ❖ Dr. Ng. Romeji Singh
HoD, Civil, NIT Manipur | : | Member |
| ❖ Dr. Benjamin A. Shimray
HoD, EE, NIT Manipur | : | Member |
| ❖ Dr. A. Dinamani Singh
HoD, ECE, NIT Manipur | : | Member |
| ❖ Dr. Anil Kumar Birru
HoD, Mechanical Engg., NIT Manipur | : | Member |
| ❖ Prof. Ch. Barchand Singh
HoD, HSS Dept., NIT Manipur | : | Member |
| ❖ Dr. Ibetombi Soibam
HoD, Physics Deptt., NIT Manipur | : | Member |
| ❖ Dr. Nagarajan. S
HoD, Chemistry Deptt., NIT Manipur | : | Member |
| ❖ Dr. Sanasam Surendra Singh
HoD, Mathematics, NIT Manipur | : | Member |
| ❖ Prof. Kh. Tomba Singh
Registrar, NIT Manipur | : | Secretary |

Dr. Jisnu Basu and Prof. Pallab Banerjee could not be present due to their prior engagement.



The Director then invited the Registrar to initiate the proceedings on the agenda items.

ITEM NO. 28.1: Confirmation of the minutes of the 27th Senate meeting held on 14/11/2022 via Composite mode

The Senate confirmed the minutes of the 27th Senate meeting held on 14/11/2022 via Composite mode.

ITEM NO. 28.2: Action taken on the decision of the 27th Senate Meeting held on 14/11/2022 via Composite mode

The actions taken on various decisions of the 27th meeting of the Senate are as follows:

Sl. No.	Item No.	Agenda	Decision Taken	Action Taken	Remarks
1.	27.3	To consider and approve the change of supervisor of Miss Lamabam Rebika Devi, Enrollment No. 21402001 of Chemistry department	The Senate approved the change of supervisor of Miss Lamabam Rebika Devi, Enrollment No. 21402001 of Chemistry department from Dr. Chandi Charan Malakar, Asst. Prof. to Dr. Th. David Singh, Associate Professor of the same department.	Notice issued vide No.NITM.3/ (3-Acad)/Notice/2022/238, dated 01/12/2022	Noted
2.	27.4	To consider and approve the change of PhD category programme from Full-Time to Part – Time for Mr. A. Sibbo Anthony (Enrollment No. 18407006) of Mechanical Engineering department	The Senate approved the change of PhD category from Full-Time to Part – Time of Mr. A. Sibbo Anthony (Enrollment No. 18407006) of Mechanical Engineering department	Notice issued vide No.NITM.3/ (3-Acad)/Notice/2022/239, dated 01/12/2022	Noted
3.	27.5	To consider and approve Prof. Navin Kumar, Department of Mechanical Engineering, IIT Ropar as a co-supervisor of Mr. Ajeesh M Kurup (Enrollment No. 21407002), a PhD	The Senate approved Prof. Navin Kumar, Department of Mechanical Engineering, IIT Ropar as co-supervisor of Mr. Ajeesh M Kurup (Enrollment No. 21407002), a PhD scholar in the department of Mechanical Engineering, NIT Manipur.	Notice issued vide No.NITM.3/ (3-Acad)/Notice/2022/240, dated 01/12/2022	Noted

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		scholar in the department of Mechanical Engineering, NIT Manipur			
4.	27.6	To consider and approve for conducting 2 nd attempt comprehensive examination for Mr. B. Syam Babu (19407002), a PhD scholar of Mechanical Engineering department	The Senate approved for conducting 2 nd attempt comprehensive examination for Mr. B. Syam Babu (19407002), a PhD scholar of Mechanical Engineering department. resolution under Item No. 24.10 of the 24 th Senate meeting is also modified in line with present decision in case of Bokka Syam Babu	Notice issued vide No.NITM.3/ (3–Acad)/Notice/2022/ 241, dated 01/12/2022	Noted
5.	27.7	To consider and approve the guidelines for formatting Dissertation/Thesis for PhD, M.Tech, M.Sc and B.Tech	The Senate approved the guidelines for formatting Dissertation/Thesis for PhD, M.Tech, M.Sc and B.Tech. While checking the plagiarism of PhD thesis, the Limit of similar word in a sentence will be 10. The percentage of similarity, including published papers shall be less than 30%. Plagiarism is to be checked by licensed software available in institute. Plagiarism certificate will be also be signed by Assistant Librarian	Notice issued vide No.NITM.3/ (3–Acad)/Notice/2022/ 249, dated 09/12/2022 with appended guidelines which is uploaded on the institute website.	Noted
6.	27.8	To consider and approve the assignment of Dr. Kundan Kumar as co-supervisor of Mr. B. Anil Kumar (Enrollment No. 20404001) and Mr. Sudhir Kumar Nirala (Enrollment No. 20404003) of Electrical Engineering Department	Considering the fact that Dr. Mrinal Kanti Sarkar, supervisor of Mr. B. Anil Kumar (Enrollment No. 20404001) and Mr. Sudhir Kumar Nirala (Enrollment No. 20404003) has joined NIT Jamshedpur, the Senate approved Dr. Kundan Kumar as co-supervisor of Mr. B. Anil Kumar (Enrollment No. 20404001) and Mr. Sudhir Kumar	Notice issued vide No.NITM.3/ (3–Acad)/Notice/2022/ 248, dated 09/12/2022	Noted

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			Nirala (Enrollment No. 20404003) of Electrical Engineering Department		
7.	27.9	To consider and approve the Academic Calendar for B.Tech 1 st Semester	The Senate approved the proposed Academic Calendar of B.Tech 1 st Semester subject to modification of 1 week to 2 weeks semester break after the End Semester examination.	Uploaded on the institute website	Noted
8.	27.10	To consider and approve the Even semester Academic Calendar for B.Tech, M.Tech and M.Sc students	The Senate approved the proposed Academic Calendar for the Even semester of B.Tech, M.Tech and M.Sc students.	Uploaded on the institute website	Noted
9.	27.11	To consider and approve the winter vacation for faculty members	The Senate approved the winter vacation from 17/12/2022 to 15/01/2023 for all faculty members (except those teaching B.Tech 1 st year) subject to the condition that before proceeding for winter vacation, faculty members will complete their academic work and work assigned by their respective HoD and institute.	Notice issued vide No:NITM.3/ (3-Acad)/Notice/2022/247, dated 09/12/2022	Noted
10.	27.12	To ratify the award of M.Tech degree to 4 students (left out in the list placed in the 26 th Senate meeting) graduated in 2022 in the 9 th Convocation	The Senate ratified the award of M.Tech degree to 4 students (left out in the list placed in the 26 th Senate meeting) in the 9 th Convocation.	Noted	Noted
11.	27.13	To ratify the award of PhD degree to 11 students (left out in the list placed in the 26 th Senate meeting) in the 9 th Convocation	The Senate ratified the award of PhD degree to 11 students (left out in the list placed in the 26 th Senate meeting) in the 9 th Convocation	Noted	Noted

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12.	27.14	To ratify the award of Gold medals to the B.Tech toppers in the 9 th Convocation	The Senate ratified the award of Gold medals to the B.Tech toppers in the 9 th Convocation	Noted	Noted
13.	27.15	To consider and approve the 6 months internship policy and course credit scheme of 8 th Semester of B.Tech programme of different departments (CE, CSE, ECE, EE and ME)	The Senate approved the 6 months internship policy and course credit scheme of 8 th Semester of B.Tech programme of different departments viz., Civil Engineering, Computer Science Engineering, Electronics and Communication Engineering, Electrical Engineering and Mechanical Engineering. Further, the Senate asked the concerned departments to include/teach subjects of 8 th Semester in the preceding 3 rd to 7 th Semesters.	Uploaded on the institute website	The Chairman Senate directed that an Undertaking has to be sought from the student not to revert back internship programme once the permission is granted through Office Order.
14.	27.16	To consider and approve Dr. H. Hemojit Singh, Inspire Faculty Physics, NIT Manipur as the Co-Supervisor of Ms. Yengkhom Haripriya (Enrollment No. 20409001)	After threadbare discussion and deliberation taking into view for the growth of the institute, the Senate approved Dr. H. Hemojit Singh, Inspire Faculty Physics, NIT Manipur as the Co-Supervisor of Ms. Yengkhom Haripriya (Enrollment No. 20409001) subject to taking an undertaking on non-judicial stamp paper from Dr. H. Hemojit Singh	Notice issued vide No.NITM.3/ (3-Acad)/Notice/2022/246, dated 09/12/2022	Noted
15.	27.17	To discuss regarding the filing of Patents	Taking into consideration of the NIRF ranking of the institute and for the growth of the young faculty members, the Chairman, Senate appraised the house to encourage faculty members to file Patents nationally and internationally. After threadbare discussion and	The matter was placed in the 30 th BoG meeting vide item No. 30.17. The BoG noted the recommendation of the 27 th Senate meeting regarding reimbursement of	Office order was issued vide NITM.1/(7-Estt)/Order/2023-10 dated 11/01/2023 and is noted by the Senate.

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		deliberation, the Senate recommended Rs. 50,000/- limit for Indian Patent filing and Rs. 1,00,000/- limit for International Patent Filing irrespective of countries from CPDA/IRG fund. The proposal are to be scrutinized by a committee at institute level. The Senate also recommended 50% reimbursement for processing fee, 25% reimbursement at the time of publication and 25% reimbursement at the time of Grant of the Patent subject to approval by the Finance Committee and BoG. In case Rs. 1, 00,000/- limit exceeds, such request may be considered by senate on case to case basis.	the processing fee for filing of Indian Patent and International patent. The BoG felt that no ceiling should be fixed if the patent is in the name of the institute. The Board also approved the recommendation of the Senate for 50% reimbursement for processing fee, 25 % reimbursement at the time of publication and remaining 25 % reimbursement at the time of Grant of the Patent.	The proposal will be scrutinized by a committee consisting of following Dean (R&C)-Chairman HoD Civil-Member HoD CSE-Member HoD ECE-Member HoD EE-Member HoD ME -Member HoD Physics -Member HoD Chemistry -Member HoD Math -Member
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ITEM NO. 28.3: To consider and approve Dr. S. Surendra Singh, Associate Professor, Maths Department as the co-supervisor of Mr. Thounaojam Stephen Singh (18408008), Mr. Khairul Habib Alam (20408003) and Mr. Deepchand (20408001) of Mathematics Department

The Senate approved Dr. S. Surendra Singh, Associate Professor, Maths Department to be the co-supervisor of Mr. Thounaojam Stephen Singh (18408008), Mr. Khairul Habib Alam (20408003) and Mr. Deepchand (20408001) of Mathematics Department, subject to recommendation of the DPPC of the Mathematics Department.

The above PhD scholars are under the supervision of Prof. Yumnam Rohen Singh who has recently joined the Manipur University.

ITEM NO. 28.4: To consider and approve to induct EC-709 – Research Methodology for Engineers – I in the approved syllabus of PhD programme in Electronics and Communication Engineering Department

The Senate approved to induct EC-709 – Research Methodology for Engineers – I in the approved syllabus of PhD programme of ECE department.

ITEM NO. 28.5: To ratify the MoU signed between IIT Madras and NIT Manipur

The Senate ratified the MoU signed between IIT Madras and NIT Manipur.

ITEM NO. 28.6: To consider and approve temporary withdrawal of two 1st year B.Tech students

After threadbare discussion and deliberation, the Senate directed Mr. Kunal Maurya (21107014), Mechanical Engineering department to register in 2nd semester during this session (March 2023) and Shiv Shankar Kumar Sinha (22101033), Civil Engineering department to register in the 1st semester in July-August 2023 session.

ITEM NO. 28.7: Discussion on discontinuation of Dr. Prakash Choudhary as Supervisor

The Senate directed the CSE department to collect the record sheets and all the related documents for the last 4 years with respect to the progress reports of the PhD scholars under the supervision of Dr. Prakash Choudhary and provide them to academic section.

ITEM NO. 28.8: To consider and approve Dr. Dipankar Biswas, Associate Professor, ECE Department, Regent Education and Research Foundation Group of Institutions, Barrackpore, West Bengal as Co-supervisor of Mr. Bidyut Kumar Ghosh

The Senate directed to put up the matter in the next Senate along with the recommendations of DC, DPPC and NOC from Regent Education and Research Foundation Group of Institutions, Barrackpore, West Bengal, the employer of Dr. Dipankar Biswas.

ITEM NO. 28.9: To consider and discuss in fixing number of Non-Scholarship and Part time PhD scholars separately as done in other NITs.

The Chairman Senate directed to put up the list of PhD scholars registered with the regular faculty in all categories to Director Office.

ITEM NO. 28.10: To consider and approve Dr. Biraj Shougaijam, Assistant Professor, ECE Department, Manipur Technical University as Co-supervisor of Mr. Bikesh Sapam (22405001)

The Senate approved Dr. Biraj Shougaijam, Assistant Professor, ECE Department, Manipur Technical University as Co-supervisor of Mr. Bikesh Sapam (22405001) subject to DPPC recommendation of ECE department.

ITEM NO. 28.11: To consider and approve for the extension of 1 more year for submission of PhD thesis of Mr. Thiyam Samrat Singh (15PCH004) and Mr. Ngasepam Bhogenjit Singh (15PCH003) of Chemistry Department

After threadbare discussion, the Senate approved which is detailed below:

Sl. No.	Name of the student	Enrollm ent No.	Department	Date of Registration	Date of expiry	Recommendatio ns from the DPPC	Extended by the Senate upto
1.	Ngasepam Bhogenjit Singh (part-time)	15PCH003	Chemistry	07/01/2015	05/01/2023 after 1 st extension	DPPC & DC recommended the extension of Ph.D for one year	04/01/2024
2.	Thiyam Samrat Singh (regular)	15PCH004	Chemistry	07/01/2015	05/01/2022 after 1 st extension	DPPC & DC recommended the extension of Ph.D for one year	It is extended till 30/06/2023 as a special case failing which his registration will be cancelled.

ITEM NO. 28.12: To consider and approve for the extension of 1 more year for Khumanthem Gunibala Devi (15PEN002) of Humanities and Social Science Department

After threadbare discussion, the Senate approved which is detailed below:

Sl. No.	Name of the student	Regular/Part -Time	Enrollmen t No.	Department	Date of Registration	Date of expiry	Recommendations from the DPPC	Extended upto
1.	Khumanthem Gunibala Devi	Part-Time	15PEN002	Humanities and Social Sciences	07/01/2015	05/01/2023 after 1 st extension	The DC meeting held on 24/11/2022 decided to grant a period of 1 year starting from 24/11/2022 to the scholar to publish two papers in journals indexed in UGC Care/SCOPUS/AHSI/SSCI	04/01/2024 No further extension will be granted.

ITEM NO. 28.13: Discussion on hostel mess fees and hostel fees

The Senate noted.

ITEM NO. 28.14: Rectification of the Course/Credit structure of 8th Semester B.Tech programme w.r.t students carrying out 6 months Industrial training/Internship which was approved vide Item No. 27.15 of 27th Senate meeting

The Senate rectified the Course/Credit structure of 8th Semester B.Tech programme with respect to students carrying out 6 months Industrial training/Internship which was approved vide Item No. 27.15 of 27th Senate meeting. The revised Course/Credit structure of 8th Semester B. Tech programme are appended at **Annexure -1 (CE), Annexure – 2 (CSE), Annexure – 3 (ECE), Annexure – 4 (EE) and Annexure – 5 (ME).**

ITEM NO. 28.15: To consider and discuss the proposal from Mechanical Engineering Department

1. To discuss regarding the request to conduct The State of the Art Seminar for Mr. K. Athili (19407001)

The Senate permitted to conduct the State of the Art Seminar for Mr. K. Athili (19407001).

2. Discussion regarding cancellation of PhD programme for Mr. Mohmed Imran Ahmed (18407007)

The Senate directed to put up in the next Senate with the requisition from the student for cancelling his PhD seat along with all the supporting documents.

3. To discuss and consider for not counting Self-finance (Non-scholarship) and part – time PhD scholars against the faculty quota for allotment of PhD scholars

The Chairman Senate directed to put up the list of PhD scholars registered with the regular faculty in all categories to Director Office.

ITEM NO. 28.16: To consider and approve starting of MBA programme in NIT Manipur

The Senate decided that it might be considered in future when the Institute comes out from the project mode.

ITEM NO. 28.17: To ratify the MoU signed between NIT Manipur and College of Engineering and Ceramic Technology, Government of West Bengal

The Senate ratified the MoU signed between NIT Manipur and College of Engineering and Ceramic Technology, Government of West Bengal.

ITEM NO. 28.18: Any other items with the permission of the Chair

- 1. To consider and approve the Academic Calendar for the 2nd Semester B.Tech programme March-2023 to July-2023**

The Senate ratified the Academic Calendar for the 2nd Semester B.Tech programme March-2023 to July-2023.

- 2. To ratify for permitting Dr. Partakson Romun Chiru provisionally selected for ICSSR 2022-23 to enroll his Research Fellowship under the guidance of Prof. Kh. Tomba Singh, registrar, NIT Manipur in the Department of Humanities & Social Sciences, NIT Manipur**

The Senate ratified in permitting Dr. Partakson Romun Chiru provisionally selected for ICSSR 2022-23 to enroll his Research Fellowship under the guidance of Prof. Kh. Tomba Singh, registrar, NIT Manipur in the Department of Humanities & Social Sciences, NIT Manipur as per the rules of NIT Manipur.

- 3. The Electronics and Communication Department has proposed M.Tech programme with a minimum of 10 students each in the specialization listed below, in place of existing M Tech in Electronics and Communication Engineering:**

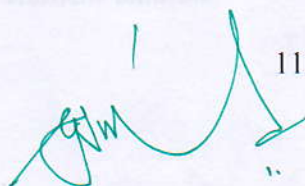
- M.Tech in Communication and Signal Processing
- M.Tech in VLSI & Embedded System

The Senate approved M. Tech programme with 10 students each in the specialization of Communication and Signal Processing and VLSI & Embedded System and its corresponding syllabus and scheme. Department of ECE has to conduct these programmes with the existing faculty, staff, infrastructure and labs available with department.

- 4. Amendments in Clause 4.1 of M.Tech Ordinance 2020**

In the original M.Tech Ordinance 2020, M.Tech programme for ECE is as follows:

4.1	M. Tech programme	
	Discipline	Specialization
	Electronics & Communication Engineering	VLSI & Embedded Systems


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As the Senate has approved M.Tech programme in Electronics and Communication Engineering with two specializations i.e Communication and Signal Processing and VLSI & Embedded System.

Clause 4.1 of the M.Tech ordinance 2020 with respect to Electronics and Communication Engineering department is amended as follows:

4.1	M. Tech programme	
	Discipline	Specialization
	Electronics & Communication Engineering	1. Communication and Signal Processing 2. VLSI & Embedded System.

This will override previous amendments made in the Discipline Electronics & Communication Engineering under section 4.1.

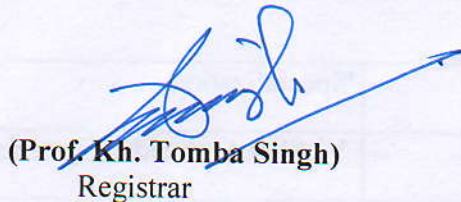
5. Increase of seats in M.Tech (both specialization – Structural Engineering & Environment and Water Resource Engineering) from 10 to 18 including reservations.

After threadbare discussion and deliberation taking into consideration the feasibility, the Senate approved 19 seats for Environmental and Water Resource Engineering in M.Tech Civil Engineering. Department of Civil Engineering has to conduct this program with the existing faculty, staff, infrastructure and labs available with department.

As there were no other items, the meeting ended with vote of thanks to the Chair.



Dean (Academic Affairs)



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



(Prof. (Dr.) Goutam Sutradhar)
Director, NIT Manipur
Ex-Officio Chairman, Senate
National Institute of Technology Manipur

ANNEXURE-1

DEPARTMENT OF CIVIL ENGINEERING

Course/Credit structure for 8th Semester B.Tech (Civil Engg) w.r.t Students carrying out Industrial Training/Internships

Course code	Course Name	L	T	P	C
Semester- viii					
CE470	Departmental Elective-III (Earthquake Resistance Structure)	3	0	0	6
CE454	Departmental Elective-IV (Finite Element Method)	3	0	0	6
CE472	Open Elective-II (Disaster Management)	3	0	0	6
CE422	Project	0	0	9	9
	Total Credits	9	0	9	27
*For those students carrying out project work in Industries/Organizations					
CE424	Industrial Project	3	1	10	18
CE426	Project Seminar	0	0	6	6
CE428	Comprehensive viva	0	0	3	3
	Total Credits	3	1	19	27

*All the 3 course assessment to be carried out for 100 marks each.

ANNEXURE- 2

NATIONAL INSTITUTE OF TECHNOLOGY MANIPUR

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

8th Semester B.TechProgram

Course code	Course Name	L	T	P	C
Semester- viii					
CS4XX	Departmental Elective-IV	3	0	0	6
CS4XX	Departmental Elective V	3	0	0	6
CS4XX	Departmental Elective VI	3	0	0	6
CS422	Project-II	0	0	9	9
	Total Credits	9	0	9	27
*For those students carrying out project work in Industries/Organizations					
CS424	Industrial Project	3	1	10	18
CS426	Project Seminar	0	0	7	7
CS428	Comprehensive viva	0	0	2	2
	Total Credits	3	1	19	27

*All the 3 course assessment to be carried out for 100 marks each.

NATIONAL INSTITUTE OF TECHNOLOGY MANIPUR

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

8th Semester B.TechProgram

Course code	Course Name	L	T	P	C
Semester- viii					
EC402	Departmental Elective-III	3	0	0	6
EC4XX	Departmental Elective IV	3	0	0	6
EC(O)4XX	Open Elective	3	0	0	6
HS404	Professional Ethics	2	0	0	4
EC422	Project-II	0	0	9	9
	Total Credits	11	0	9	31
*For those students carrying out project work in Industries/Organizations					
EC424	Industrial Project	3	1	10	18
EC426	Project Seminar	0	0	9	9
EC428	Comprehensive viva	0	0	4	4
	Total Credits	3	1	23	31

*All the 3 course assessment to be carried out for 100 marks each.

NATIONAL INSTITUTE OF TECHNOLOGY MANIPUR

DEPARTMENT OF ELECTRICAL ENGINEERING

8th Semester B.Tech Program

Course code	Course Name	L	T	P	C
Semester- viii					
EE402	Power system operation and control	3	0	0	6
EE4XY	Departmental Elective-III	3	0	0	6
EE4XY	Departmental Elective IV	3	0	0	6
HS404	Professional Ethics	3	0	0	6
EE422	Project-II	0	0	8	8
	Total Credits	12	0	8	32
*For those students carrying out project work in Industries/Organizations					
EE424	Industrial Project	3	1	10	18
EE426	Project Seminar	0	0	9	9
EE428	Comprehensive viva	0	0	5	5
	Total Credits	3	1	24	32

*All the 3 course assessment to be carried out for 100 marks each.

ANNEXURE-5

NATIONAL INSTITUTE OF TECHNOLOGY MANIPUR

DEPARTMENT OF MECHANICAL ENGINEERING

8th Semester B.Tech Program

Course code	Course Name	L	T	P	C
Semester- viii					
HS402	Management Principles & Concepts	2	0	0	4
ME4XX	Departmental Elective-III	3	0	0	6
ME4XX	Departmental Elective IV	3	0	0	6
XXXXX	Open Elective	3	0	0	6
ME422	Project-II	0	0	9	9
	Total Credits	11	0	9	31
*For those students carrying out project work in Industries/Organizations					
ME424	Industrial Project	3	1	8	16
ME426	Project Seminar	0	0	9	9
ME428	Comprehensive viva	0	0	6	6
	Total Credits	3	1	23	31

*All the 3 course assessment to be carried out for 100 marks each.