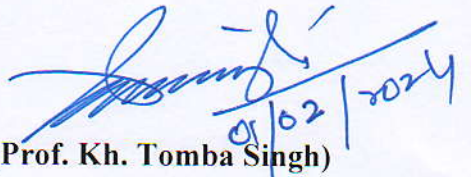NITM.3/(106-Acad)/Orders/2024/577.

Date: 31-01-2024

Office Order

The Competent Authority is pleased to approve the basic syllabus format for B.Tech. Programme as per the guidelines of NEP 2020.

The Department has the flexibility to add or remove some core courses and may change credit for certain courses provided that the total credits in 4 years of B.Tech. programme is not less than 150 credits.

Departments are directed to prepare the syllabi according to the basic syllabus format which is appended with this order.
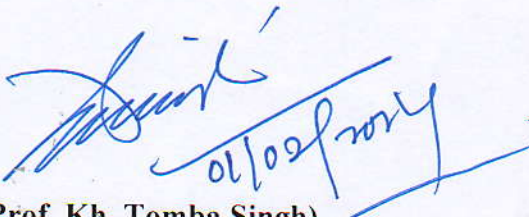
(Prof. Kh. Tomba Singh)
Registrar
NIT Manipur

NITM.3/(106-Acad)/Orders/2024/577.

Date: 31-01-2024

Copy to:
1. PS to the Director, NIT Manipur for kind information.
2. Dean (AA).
3. All HODs.
4. Controller of Examinations.
5. Assistant Registrar (Academic).
6. Technical Officer for uploading on the Institute's Website.
7. Notice Boards.
8. Relevant File.

(Prof. Kh. Tomba Singh)
Registrar
NIT Manipur

B.TECH SYLLABUS

Semester-I

Course No.	Course Name	L-T-P	Credit
CH 101	Engineering Chemistry	3-0-2	4
ME 101	Engineering Mechanics	3-1-0	4
MA 101	Engineering Mathematics-I	3-1-0	4
PH 101	Engineering Physics-I	3-0-2	4
HS 101	Communication Skills	3-0-0	3
ME 103	Engineering Drawing	0-1-4	3
Total		**15-1-8**	**22**

Semester-II
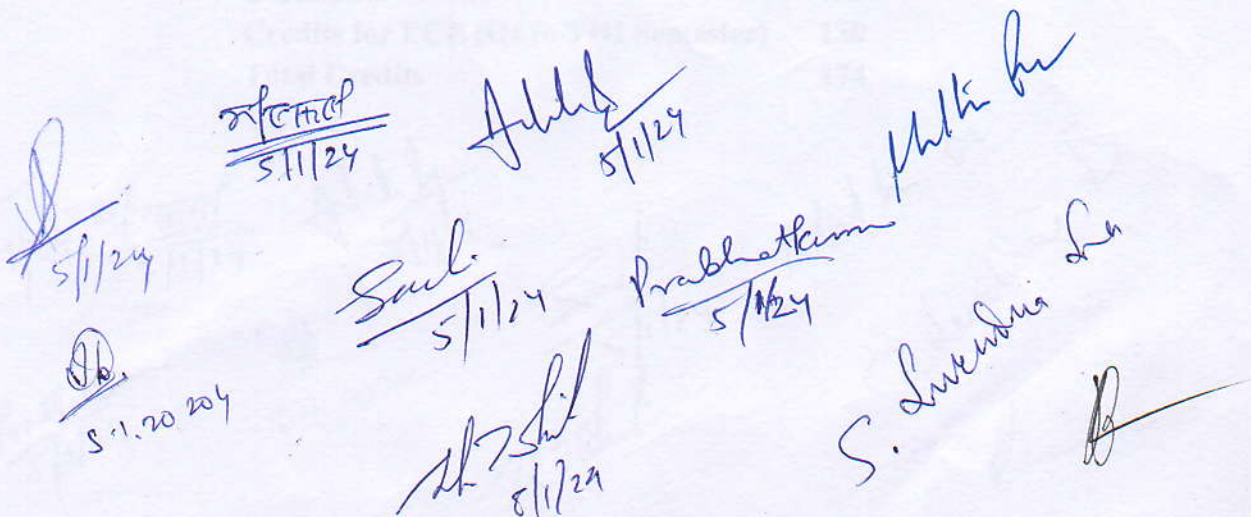
Course No.	Course Name	L-T-P	Credit
CS 102	Introduction to Computing	3-0-4	5
EE 102	Basic Electrical & Electronics Sciences	3-1-0	4
MA 102	Engineering Mathematics-II	3-0-0	3
EE 102	Basic Electrical Engineering	3-0-2	4
CE 102	Environmental Engineering	3-0-0	3
ME 102	Engineering Workshop	0-1-4	3
Total		**15-2-10**	**22**

Semester-III

Course No.	Course Name	L-T-P	Credit
MA 201	Engineering Math III	3-0-0	3
HS 201	HSS Elective-II	3-0-0	3
CE201	Core Course -1	3-0-2	4
CE 203	Core Course -2	3-0-2	4
CE 205	Core Course -3	3-0-2	4
DD 23X	Open Elective-I	3-0-0	3
Total		**18-0-6**	**21**

Semester-IV

Course No.	Course Name	L-T-P	Credit
MA 202	Probability and Random Process	3-0-0	3
CE 202	Core Course -4	3-0-2	4
CE 204	Core Course -5	3-0-2	4
CE 206	Core Course -6	3-0-2	4
CE 208	Core Course -7	3-0-0	3
DD 24x	Open Elective-II	3-0-0	3
Total		**18-0-6**	**21**

Semester-V

Course No.	Course Name	L-T-P	Credit
CE 301	Core Course -8	3-0-2	4
CE 303	Core Course -9	3-0-2	4
CE 305	Core Course -10	3-0-2	4
CE 307	Core Course -11	3-0-2	4
CE 309	Core Course -12	3-0-0	3
DD 35x	Open Elective-III	3-0-0	3
Total		**18-0-8**	**22**

Semester-VI

Course No.	Course Name	L-T-P	Credit
CE 302	Core Course -13	3-0-2	4
CE 304	Core Course -14	3-0-2	4
CE 306	Core Course -15	3-0-2	4
CE 308	Core Course -16	3-0-2	4
CE 310	Core Course -17	3-0-0	3
DD 36x	Open Elective-IV	3-0-0	3
Total		**18-0-8**	**22**

Semester-VII

Course No.	Course Name	L-T-P	Credit
HS 401	Industrial Management	3-0-0	3
CE 401	Core Course -18	3-0-2	4
CE 403	Core Course -19	3-0-2	4
CE 41x	Departmental Elective I	3-0-0	3
CE 41x	Departmental Elective II	3-0-0	3
CE 491	Project Work-I	0-0-12	6
Total		**15-0-14**	**23**

Semester-VIII

Course No.	Course Name	L-T-P	Credit
HS 402	Soft Skills	3-0-0	3
CE 42X	Departmental Elective-III	3-0-0	3
CE 42X	Departmental Elective-IV	3-0-0	3
DD 48X	Open Elective-V	3-0-0	3
CE 492	Seminar	0-0-4	2
CE 494	Project Work-II	0-0-14	7
Total		**12-0-18**	**21**

Credits for 1st Year   44
Credits for ECE (III to VIII Semester)   130
Total Credits   174