UNIVERSITY OF ENGINEERING AND MANAGEMENT, KOLKATA

B.TECH. SECOND SEMESTER COURSE STRUCTURE

(GROUP A)

Sl No	Category	Paper Code	Paper Name	L	T	P	Credit
1	Basic Science	BSC201	Chemistry	2	1	0	3
2	Basic Science	BSC291	Chemistry Laboratory	0	0	2	1.5
3	Basic Science	BSC203	Mathematics - II	3	0	0	4
4	Engineering Science	ESC201	Basic Electronics Engineering	2	0	0	2
5	Engineering Science	ESC291	Basic Electronics Engineering Laboratory	0	0	2	1
6	Engineering Science	ESC293	Workshop & Manufacturing Practices	0	0	2	3
7	Engineering Science	ESC205	Programming For Problem Solving - II	4	0	0	2
8	Engineering Science	ESC295	Programming For Problem Solving Laboratory - II	0	0	2	1
9	Engineering Science	ESC206	Engineering Mechanics	2	0	0	2
10	Humanities and social sciences including management	HSMC201	English Communication And Public Speaking Skills-II	2	0	0	2
11	Humanities and social sciences including management	HSMC281	English Communication And Public Speaking Skills Lab-II	0	0	2	1
12	Humanities and social sciences including management	GSC201	Essential Studies for Professional -II	2	0	0	2
13	Humanities and social sciences including management	GSC281	Skill Development for Professionals-II	0	0	2	1
14	MOOC	MOOC 201	Enhancing Soft Skills and Personality (NPTEL Course)	0	0	0	2

15	Humanities and social sciences including management		Mandatory additional requirements				
			Total				**27.5**

UNIVERSITY OF ENGINEERING AND MANAGEMENT, KOLKATA

B.TECH. FIRST SEMESTER COURSE STRUCTURE

(GROUP A)

Sl No	Category	Paper Code	Paper Name	L	T	P	Credit
1	Basic Science	BSC101	Physics	3	0	0	3
2	Basic Science	BSC103	Mathematics - I	3	1	0	4
3	Engineering Science	ESC101	Basic Electrical Engineering	2	0	0	2
4	Engineering Science	ESC105	Programming for Problem Solving - I	3	0	0	2
5	Humanities and social sciences including management	HSMC101	English Communication And Public Speaking Skills-I	2	0	0	2
6	Humanities and social sciences including management	GSC101	Essential Studies for Professionals - I	2	0	0	2
7	Basic Science	BSC191	Physics Laboratory	0	0	2	1.5
8	Engineering Science	ESC191	Basic Electrical Engineering Laboratory	0	0	2	1
9	Engineering Science	ESC195	Programming for Problem Solving Laboratory - I	0	0	2	1
10	Humanities and social sciences including management	GSC181	Skill Development for Professionals - I	0	0	2	1
11	Humanities and social sciences including management	HSMC181	English Communication And Public Speaking Skills Lab-I	0	0	2	1
12	Engineering Science	ESC193	Engineering Graphics and Design	0	0	3	3

13	Humanities and social sciences including management		Mandatory additional requirements				
			Total				**23.5**

UNIVERSITY OF ENGINEERING AND MANAGEMENT, KOLKATA

B.TECH. SECOND SEMESTER COURSE STRUCTURE

(GROUP B)

Sl No	paper type	Paper Code	Paper Name	L	T	P	Credit
1	Basic Science	BSC202	Physics	3	0	0	3
2	Basic Science	BSC292	Physics Laboratory	0	0	2	1.5
3	Basic Science	BSC203	Mathematics - II	3	0	0	4
4	Engineering Science	ESC202	Basic Electrical Engineering	2	0	0	2
5	Engineering Science	ESC292	Basic Electrical Engineering Laboratory	0	0	2	1
6	Engineering Science	ESC294	Engineering Graphics and Design	0	0	2	3
7	Engineering Science	ESC205	Programming For Problem Solving - II	4	0	0	2
8	Engineering Science	ESC295	Programming For Problem Solving Laboratory - II	0	0	2	1
9	Engineering Science	ESC206	Engineering Mechanics	2	0	0	2
10	Humanities and Social Sciences including Management	HSMC201	English Communication And Public Speaking Skills-II	2	0	0	2
11	Humanities and Social Sciences including Management	HSMC281	English Communication And Public Speaking Skills Lab-II	0	0	2	1
12	Humanities and Social Sciences including Management	GSC201	Essential Studies for Professional -II	2	0	0	2
13	Humanities and Social Sciences including Management	GSC281	Skill Development for Professionals-II	0	0	2	1
14	MOOC	MOOC201	Enhancing Soft Skills and Personality (NPTEL Course)	0	0	0	2
15	Humanities and Social Sciences including Management	-	Mandatory additional requirements				
Total							**27.5**

UNIVERSITY OF ENGINEERING AND MANAGEMENT, KOLKATA

B.TECH. FIRST SEMESTER COURSE STRUCTURE

(GROUP B)

Sl No	Paper Type	Paper Code	Paper Name	L	T	P	Credit
1	Basic Science	BSC102	Chemistry	3	0	0	**3**
2	Basic Science	BSC103	Mathematics - I	3	1	0	4
3	Engineering Science	ESC102	Basic Electronics Engineering	2	0	0	**2**
4	Engineering Science	ESC105	Programming for Problem Solving - I	3	0	0	2
5	Humanities and social sciences including management	HSMC101	English Communication And Public Speaking Skills-I	2	0	0	2
6	Humanities and social sciences including management	GSC101	Essential Studies for Professionals - I	2	0	0	2
7	Basic Science	BSC192	Chemistry Laboratory	0	0	2	**1.5**
8	Engineering Science	ESC192	Basic Electronics Engineering Laboratory	0	0	2	**1**
9	Engineering Science	ESC195	Programming for Problem Solving Laboratory - I	0	0	2	1
10	Humanities and social sciences including management	GSC181	Skill Development for Professionals - I	0	0	2	1
11	Humanities and social sciences including management	HSMC181	English Communication And Public Speaking Skills Lab-I	0	0	2	1
12	Engineering Science	ESC194	Workshop & Manufacturing Practices	0	0	3	**3**
13	Humanities and social sciences including management		Mandatory additional requirements				
Total							**23.5**