S. B. Jain Institute of Technology, Management and Research, Nagpur

(An Autonomous Institute, Affiliated to RTMNU, Nagpur)

First Year Engineering Department

"Emerge as a leading Institute for developing competent and creative Professionals"

TEACHING SCHEME OF FIRST YEAR ENGINEERING

Semester-I (Group-I : CSE and EE)

Scheme of Teaching & Examination of Bachelor of Engineering

Sr.	Course Code	Course Title	Hours per week			Credits	Maximum Marks			ESE
			L	T	P		Continual Evaluation	End Sem. Exam	Total	Duration (Hrs.)
1	BSC101T	Engineering Mathematics-I	3	1	0	4	40	60	100	3 Hrs.
2	BSC102T	Engineering Physics	3	1	0	4	40	60	100	3 Hrs.
3	BSC102P	Engineering Physics Lab	0	0	2	1	25	25	50	
4	ESC101T	Electrical Engineering	3	1	0	4	40	60	100	3 Hrs.
5	ESC101P	Electrical Engineering Lab	0	0	2	1	25	25	50	
6	ESC102P	Workshop Practices	0	0	4	2	25	25	50	
7	ESC103T	Engineering Mechanics	3	1	0	4	40	60	100	3 Hrs.
8	MC101	Environment Studies	2	0	0	0	50	-	50	-
9	MC102	Indian Constitution	2	0	0	0	50	-	50	-
		TOTAL	16	4	8	20	335	315	650	

Dr. G.P.Singh
v NIT, Nagpur

Dr. Pakode
CSIR/NEERI, Nagpur

Dr. A.V.Wankhede
v NIT, Nagpur

Dr. V. Aserkant
RCOEM, Nagpur

R Kella

Dr. E. Outley
GIHRCE, Nagpur

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TEACHING SCHEME OF FIRST YEAR ENGINEERING

Semester-I (Group-II : ETC and MECH)

Scheme of Teaching & Examination of Bachelor of Engineering

Sr.	Course Code	Course Title	Hours per week			Credits	Maximum Marks			ESE
			L	T	P		Continual Evaluation	End Sem. Exam	Total	Duration (Hrs.)
1	BSC101T	Engineering Mathematics-I	3	1	0	4	40	60	100	3 Hrs.
2	BSC103T	Engineering Chemistry	3	1	0	4	40	60	100	3 Hrs.
3	BSC103P	Engineering Chemistry Lab	0	0	2	1	25	25	50	
4	ESC104T	Engineering Graphics and Design	1	0	0	1	40	60	100	4 Hrs.
5	ESC104P	Engineering Graphics and Design Lab	0	0	4	2	25	25	50	
6	ESC105T	Programming for Problem Solving	3	0	0	3	40	60	100	3 Hrs.
7	ESC105P	Programming for Problem Solving Lab	0	0	4	2	25	25	50	
8	HSMC101T	Communicative English	2	0	0	2	20	30	50	2 Hrs.
9	HSMC101P	Communicative English Lab	0	0	2	1	25	25	50	
10	MC101	Environment Studies	2	0	0	0	50	-	50	-
11	MC102	Indian Constitution	2	0	0	0	50	-	50	-
		TOTAL	16	2	12	20	380	370	750	

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TEACHING SCHEME OF FIRST YEAR ENGINEERING

Semester-II (Group-I : CSE and EE)

Scheme of Teaching & Examination of Bachelor of Engineering

Sr.	Course Code	Course Title	Hours per week			Credits	Maximum Marks			ESE
			L	T	P		Continual Evaluation	End Sem. Exam	Total	Duration (Hrs.)
1	BSC104T	Engineering Mathematics-II	3	1	0	4	40	60	100	3 Hrs.
2	BSC103T	Engineering Chemistry	3	1	0	4	40	60	100	3 Hrs.
3	BSC103P	Engineering Chemistry Lab	0	0	2	1	25	25	50	
4	ESC104T	Engineering Graphics and Design	1	0	0	1	40	60	100	4 Hrs.
5	ESC104P	Engineering Graphics and Design Lab	0	0	4	2	25	25	50	
6	HSMC101T	Communicative English	2	0	0	2	20	30	50	2 Hrs.
7	HSMC101P	Communicative English Lab	0	0	2	1	25	25	50	
8	ESC105T	Programming for Problem Solving	3	0	0	3	25	25	50	3 Hrs.
9	ESC105P	Programming for Problem Solving Lab	0	0	4	2	40	60	100	
		TOTAL	12	2	12	20	280	370	650	

TEACHING SCHEME OF FIRST YEAR ENGINEERING

Semester-II (Group-II : ETC and MECH)

Scheme of Teaching & Examination of Bachelor of Engineering											
Sr.	Course Code	Course Title	Hours per week			Credits	Maximum Marks				ESE
			L	T	P		Continual Evaluation	End Sem. Exam	Total		Duration (Hrs.)
1	BSC104T	Engineering Mathematics-II	3	1	0	4	40	60	100		3 Hrs.
2	BSC102T	Engineering Physics	3	1	0	4	40	60	100		3 Hrs.
3	BSC102P	Engineering Physics Lab	0	0	2	1	25	25	50		
4	ESC101T	Electrical Engineering	3	1	0	4	40	60	100		3 Hrs.
5	ESC101P	Electrical Engineering Lab	0	0	2	1	25	25	50		
6	ESC102P	Work shop Practices	0	0	4	2	25	25	50		
7	ESC103T	Engineering Mechanics	3	1	0	4	40	60	100		3 Hrs.
		TOTAL	12	4	8	20	235	315	550		

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