

S. B. JAIN INSTITUTE OF TECHNOLOGY, MANAGEMENT AND RESEARCH, NAGPUR





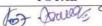
FIRST YEAR ENGINEERING DEPARTMENT

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

CURRICULUM SCHEME OF FIRST YEAR ENGINEERING With effect from Session 2021-22

Semester-I (Group-I: CSE, AI & ML and AI & DS)

7			Hours per week			Credits	Maxi	ESE		
Sr.	Course Code	Course Title					Continuous	End Sem.	Total	Duration
			L	T	P		Evaluation	Exam		(Hrs.)
1	BSC101T	Engineering Mathematics-I	3	1	0	4	40	60	100	3
2	BSC105T	Modern Physics	3	1	0	4	40	60	100	3
3	BSC105P	Modern Physics Lab	0	0	2	1	25	25	50	
4	ESC101T	Electrical Engineering	3	1	0	4	40	60	100	3
5	ESC101P	Electrical Engineering Lab	0	0	2	1	25	25	50	
6	ESC102P	Workshop Practices	0	0	4	2	25	25	50	
7	ESC105T	Programming for Problem Solving	3	0	0	3	40	60	100	3
8	ESC105P	Programming for Problem Solving Lab	0	0	4	2	25	25	50	
9	MC101	Environment Studies	2	0	0	0	50	77	50	•
10	MC102	Indian Constitution	2	0	0	0	50	-	50	-
	Т	OTAL	16	3	_12	21	360	340	700	



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CURRICULUM SCHEME OF FIRST YEAR ENGINEERING With effect from Session 2021-22

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

	means and	and the second second	Hours per week			Credits	of Engineering Maximum Marks			ESE
Sr.	Course Code	Course Title					Continuous	End		Duration
			L	T	P		Evaluation	Sem. Exam	Total	(Hrs.)
1	BSC101T	Engineering Mathematics-I	3	1	0	4	40	60	100	3
2	BSC103T	Engineering Chemistry	3	1	0	4	40	60	100	3
3	BSC103P	Engineering Chemistry Lab	0	0	2	1	25	25	50	Ĺ
4	ESC104T	Engineering Graphics and Design	1	0	0	1	40	60	100	4
5	ESC104P	Engineering Graphics and Design Lab	0	0	4	2	25	25	50	
6	ESC1047 ESC105T	Programming for Problem Solving	3	0	0	3	40	60	100	3
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
9	HSMC1011	Communicative English Lab	0	0	2	1	25	25	50	
,	TOTAL			2	12	20	280	370	650	

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CURRICULUM SCHEME OF FIRST YEAR ENGINEERING

With effect from Session 2021-22 Semester-II (Group-I: CSE, AI & ML and AI & DS)

	Course Code	the man in terms of the second	Hours per week			Credits	Maximum Marks			ESE
Sr.		Course Title					Continuous Evaluation	End Sem.	Total	Duration (Hrs.)
			L	Tarker of	P	Spatistic and	Evaluation	Exam	of the latest	(1.113.)
1	BSC104T	Engineering Mathematics-II	3	1	0	4	40	60	100	3
2	BSC106T	Advanced Chemistry	3	1	0	4	40	60	100	3
3	BSC106P	Advanced Chemistry Lab	0	0	2	1	25	25	50	
4	ESC104T	Engineering Graphics and Design	1	0	0	1	40	60	100	4
5	ESC104P	Engineering Graphics and Design Lab	0	0	4	2	25	25	50	
6	ESC106P	Computer Workshop Lab	0	0	4	2	25	25	50	
7	ESC107P	Web Development Lab	0	0	4	2	25	25	50	
8	HSMC101T	Communicative English	2	0	0	2	20	30	50	2
9	HSMC101P	Communicative English Lab	0	0	2	1	25	25	50	
		TOTAL	9	2	16	19	265	335	600	

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CURRICULUM SCHEME OF FIRST YEAR ENGINEERING With effect from Session 2021-22 Semester-II (Group-II: EE, ETC and MECH)

Sr.	Course Code	Course Title	Hours per week			Credits	Maximum Marks			ESE
							Continuous	End		Duration
			L	T	P		Evaluation	Sem. Exam	Total	(Hrs.)
1	BSC104T	Engineering Mathematics-II	3	1	0	4	40	60	100	3
2	BSC102T	Engineering Physics	3	1	0	4	40	60	100	3
3	BSC102P	Engineering Physics Lab	0	0	2	1	25	25	50	
4	ESC101T	Electrical Engineering	3	1	0	4	40	60	100	3
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
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	

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