MARATHWADA MITRA MANDAL'S
COLLEGE OF ENGINEERING
An Autonomous Institute | Approved by AICTE New Delhi
Recognised by Directorate of Technical Education Mumbai
Affiliated to Savitribai Phule Pune University

- NAAC Accredited with A++ Grade
- NBA Accredited
- 'Best College Award 2019' by SPPU

F.Y. B. TECH CURRICULUM STRUCTURE (SEM- I)

F. Y. B. Tech (A. Y. 2024 - 25) SEMESTER - I

Course Code	Course Name	Course Type	Teaching Scheme (Hrs./Week) L	P	T	Examination Scheme CIE	ETE	TW	PR	OR	Total	Credit L	P	T	Total
SH24BSC151	Applied Physics (Comp, Elect, AIDS)	BSC													
SH24BSC101	Applied Chemistry (IT, E & Tc, Mech)	BSC	3	-	-	40	60	-	-	-	100	3	-	-	3
SH24BSC102	Engineering Mathematics -I	BSC	3	-	-	40	60	-	-	-	100	3	-	-	3
EE24PCC101	Basics of Electrical Technology(Comp, AIDS)	ESC													
EE24PCC101	Basics of Electrical Technology (Elect)	PCC													
ET24PCC101	Basics of Electronics Technology(IT, Mech)	ESC	2	-	-	40	60	-	-	-	100	2	-	-	2
ET24PCC101	Basics of Electronics Technology(E& TC)	PCC													
ME24PCC151	Engineering Graphics (Comp, Elect, AIDS)	ESC													
SH24ESC103	Geomatics (IT, E & Tc, Mech)	ESC	2	-	-	40	60	-		-	100	2	-	-	2
CE24PCC101	Fundamentals of Programming Languages (AIDS, Elect)	ESC													
CE24PCC101	Fundamentals of Programming Languages (Comp)	PCC													
AI24PCC151	Foundation of Artificial Intelligence (E& TC, Mech)	ESC	2	-	-	40	60	-	-	-	100	2	-	-	2
IT24PCC101	Programming and Logic Building (IT)	PCC													
SH24BSC155	Applied Physics Lab	BSC													
SH24BSC106	Applied Chemistry Lab	BSC	-	2	-	-	-	25	-	-	25	-	1	-	1
SH24BSC107	Engineering Mathematics -I Tutorial	BSC	-	-	1	-	-	25	-	-	25	-	-	1	1
EE24PCC102	Basics of Electrical Technology Tutorial (Comp, AIDS)	ESC													
EE24PCC102	Basics of Electrical Technology Tutorial (Elect)	PCC													
ET24PCC102	Basics of Electronics Technology Tutorial (IT, Mech)	ESC	-	-	1	-	-	25	-	-	25	-	-	1	1
ET24PCC102	Basics of Electronics Technology Tutorial(E & TC)	PCC													
ME24PCC152	Engineering Graphics Tutorial (Comp, Elect, AIDS)	ESC													
SH24ESC108	Geomatics Tutorial (IT, E & Tc, Mech)	ESC	-	-	1	-	-	25	-	-	25	-	-	1	1
CE24PCC102	Fundamentals of Programming Languages Tutorial (AIDS, Elect)	ESC													
CE24PCC102	Fundamentals of Programming Languages Tutorial (Comp)	PCC													
AI24PCC152	Foundation of Artificial Intelligence Tutorial (E& TC, Mech)	ESC	-	-	1	-	-	25	-	-	25	-	-	1	1
IT24PCC102	Programming and Logic Building Tutorial (IT)	PCC													
AI24VSE101	Engineering Exploration Lab -1 (AIDS)	VSE													
CE24VSE103	Engineering Exploration Lab -1 (Comp)	VSE													
EE24VSE103	Engineering Exploration Lab -1 (Elect)	VSE													
ET24VSE103	Engineering Exploration Lab -1 (E &TC)	VSE													
ME24VSE101	Engineering Exploration Lab -1 (Mech)	VSE	-	4	-	-	-	50	-	-	50	-	2	-	2
IT24VSE103	Engineering Exploration Lab -1 (IT)	VSE													
SH24AEC104	Communication Skills (Mech, IT, E &TC)	AEC													
SH24IKS153	Indian Culture & Civilization (AIDS, Comp, Elect)	IKS	-	-	2	-	-	50	-	-	50	-	-	2	2
SH24CCC154	Performing Arts (AIDS, Comp, Elect)	CCC													
SH24CCC105	Yoga & Meditation (Mech, IT, E &TC)	CCC	-	-	1	-	-	25	-	-	25	-	-	1	1
	Total		12	6	7	200	300	250	-	-	750	12	3	7	22

HOD   Dean Academics   Principal

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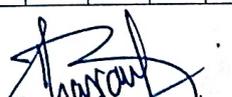Karvenagar, Pune- 411052

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F.Y. B. TECH CURRICULUM STRUCTURE (SEM- II)

F. Y. B. Tech (A. Y. 2024 - 25) SEMESTER - II

Course Code	Course Name	Course Type	Teaching Scheme (Hrs/Week)			Examination Scheme						Credit			
			L	P	T	CIE	ETE	TW	PR	OR	Total	L	P	T	Total
SH24BSC151	Applied Physics (IT, E & Tc, Mech)	BSC	3	-	-	40	60	-	-	-	100	3	-	-	3
SH24BSC101	Applied Chemistry (Comp, Elect, AIDS)	BSC													
SH24BSC152	Engineering Mathematics -II	BSC	3	-	-	40	60	-	-	-	100	3	-	-	3
EE24PCC101	Basics of Electrical Technology (IT, Mech, E& TC)	ESC	2	-	-	40	60	-	-	-	100	2	-	-	2
EE24PCC101	Basics of Electronics Technology (AIDS, Comp, Elect)	ESC													
ME24PCC151	Engineering Graphics (IT, E & Tc)	ESC	2	-	-	40	60	-	-	-	100	2	-	-	2
ME24PCC151	Engineering Graphics (Mech)	PCC													
SH24ESC103	Geomatics (Comp, Elect, AIDS)	ESC													
AI24PCC151	Foundation of Artificial Intelligence (Comp, Elect, IT)	ESC	2	-	-	40	60	-	-	-	100	2	-	-	2
AI24PCC151	Foundation of Artificial Intelligence (AIDS)	PCC													
CE24PCC101	Fundamentals of Programming Languages (Mech, E & TC)	ESC													
SH24BSC155	Applied Physics Lab	BSC	-	2	-	-	-	25	-	-	25	-	1	-	1
SH24BSC106	Applied Chemistry Lab	BSC													
SH24BSC156	Engineering Mathematics -II Tutorial	BSC	-	-	1	-	-	25	-	-	25	-	-	1	1
EE24PCC102	Basics of Electrical Technology Tutorial (IT, Mech, E& TC)	ESC	-	-	1	-	-	25	-	-	25	-	-	1	1
ET24PCC102	Basics of Electronics Technology Tutorial (AIDS, Comp, Elect)	ESC													
ME24PCC152	Engineering Graphics Tutorial (IT, E & Tc)	ESC	-	-	1	-	-	25	-	-	25	-	-	1	1
ME24PCC152	Engineering Graphics Tutorial (Mech)	PCC													
SH24ESC108	Geomatics Tutorial (Comp, Elect, AIDS)	ESC													
AI24PCC152	Foundation of Artificial Intelligence Tutorial (Comp, Elect, IT)	ESC	-	-	1	-	-	25	-	-	25	-	-	1	1
AI24PCC152	Foundation of Artificial Intelligence Tutorial (AIDS)	PCC													
CE24PCC102	Fundamentals of Programming Languages Tutorial (Mech, E & TC)	ESC													
AI24VSE153	Engineering Exploration Lab -2 (AIDS)	VSE	-	4	-	-	-	50	-	-	50	-	2	-	2
CE24VSE151	Engineering Exploration Lab -2 (Comp)	VSE													
EE24VSE151	Engineering Exploration Lab -2 (Elect)	VSE													
ET24VSE151	Engineering Exploration Lab -2 (E &TC)	VSE													
ME24VSE153	Engineering Exploration Lab -2 (Mech)	VSE													
IT24VSE151	Engineering Exploration Lab -2 (IT)	VSE													
SH24AEC104	Communication Skills (AIDS, Comp, Elect)	ACE	-	-	2	-	-	50	-	-	50	-	-	2	2
SH24IKS153	Indian Culture & Civilization (Mech, IT, E &TC)	IKS													
SH24CCC154	Performing Arts (Mech, IT, E &TC)	CCC	-	-	1	-	-	25	-	-	25	-	-	1	1
SH24CCC105	Yoga & Meditation (AIDS, Comp, Elect)	CCC													
	Total		**12**	**6**	**7**	**200**	**300**	**250**	**-**	**-**	**750**	**12**	**3**	**7**	**22**

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