



**K.K. Wagh Institute of Engineering Education and  
Research, Nashik**  
(An autonomous institute from AY 2022-23)

**Syllabus structure**  
**F.Y. B.Tech**  
(AY 2023-2024)

**F.Y. B.Tech syllabus structure AY 2023-24**

**SEM-I**

Course Code	Course Type	Title of Course	Teaching Scheme			Evaluation Scheme and Marks						Credits			
			TH	TU	PR	INSEM	ENDSEM	CCE	TUT /TW	PR /OR	TOTAL	TH	TU	PR	TOTAL
2300101A	BSC	Linear Algebra	3	1	0	20	60	20	25	0	125	3	1	0	4
2300103A	BSC	Applied Physics	3	0	2	20	60	20	50	0	150	3	0	1	4
2300105A	ESC	Fundamentals of Electrical Engineering	3	0	2	20	60	20	50	0	150	3	0	1	4
2300110A	ESC	Engineering Drawing	1	0	2	20	30	0	50	0	100	1	0	1	2
2300112A	AEC	Communication Skills	1	0	2	0	0	25	50	0	75	1	0	1	2
2300117D	VSEC	Electrical Installation	1	0	2	0	0	25	25	0	50	1	0	1	2
2300115A	CC	Liberal Learning, Sports, Yoga, Art	0	2	0	0	0	0	50		50	0	2	0	2
<b>Total</b>			<b>12</b>	<b>3</b>	<b>10</b>	<b>80</b>	<b>210</b>	<b>110</b>	<b>300</b>	<b>0</b>	<b>700</b>	<b>12</b>	<b>3</b>	<b>5</b>	<b>20</b>

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SEM-II															
Course Code	Course Type	Title of Course	Teaching Scheme			Evaluation Scheme and Marks						Credits			
			TH	TU	PR	INSEM	ENDSEM	CCE	TUT /TW	PR /OR	TOTAL	TH	TU	PR	TOTAL
2300102A	BSC	Differential Calculus	3	1	0	20	60	20	25	0	125	3	1	0	4
2300104A	BSC	Applied Chemistry	3	0	2	20	60	20	50	0	150	3	0	1	4
2300107A	ESC	Fundamentals of Electronics Engineering	3	0	2	20	60	20	50	0	150	3	0	1	4
2300108A	ESC	Programming in C	1	0	2	20	30	0	50	0	100	1	0	1	2
2300118D	PCC	Power Generation Technologies	2	0	0	20	60	20	0	0	100	2	0	0	2
2300116A	IKS	Indian Knowledge System	0	2	0	0	0	0	50	0	50	0	2	0	2
2300111A	VSEC	Workshop Practices	1	0	2	0	0	25	25	0	50	1	0	1	2
2300136A	CC	Engineering Exploration	0	2	0	0	0	0	75	0	75	0	2	0	2
<b>Total</b>			<b>13</b>	<b>5</b>	<b>8</b>	<b>100</b>	<b>270</b>	<b>105</b>	<b>325</b>	<b>0</b>	<b>800</b>	<b>13</b>	<b>5</b>	<b>4</b>	<b>22</b>

*XNandR*

Department Specific Exit Courses (To award Certificate)															
Course Code	Course Type	Title of Course	Teaching Scheme			Evaluation Scheme and Marks						Credits			
			TH	TU	PR	INSEM	ENDSEM	CCE	TUT /TW	PR /OR	TOTAL	TH	TU	PR	TOTAL
2300119A	EXIT	Internship*	0	0	0	0	0	0	100	0	100	0	2	0	2
2300126A	EXIT	Exit Course-1	2	0	2	20	30	0	50	0	100	2	1	0	3
2300127A	EXIT	Exit Course-2	2	0	2	20	30	0	50	0	100	2	1	0	3
<b>Total</b>			<b>4</b>	<b>0</b>	<b>4</b>	<b>40</b>	<b>60</b>	<b>0</b>	<b>200</b>	<b>0</b>	<b>300</b>	<b>4</b>	<b>4</b>	<b>0</b>	<b>8</b>

\*Internship in industry for 2-weeks

→To get certificate student should get following credits

Internship →2 credits

Exit course-1 →3 credits

Exit course-2 →3 credits

**Total credits →8 credits**

*X. Wagh*  
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