

Autonomous Programme Structure (Revision-1)
F. Y. B. Tech. Sem-I
Computer Engg and Information Technology Programmes
A. Y.: 2020-21 Onwards

F. Y. B. Tech. First Semester									
Course Code	Course Title	Teaching Scheme Hours / Week			Examination Scheme			Marks	Credit
		Lecture	Tutorial	Practical	In Semester	End Semester	Practical / Oral		
20BS01	Linear Algebra and Univariate Calculus	3	1	0	50	50	0	100	4
20BS02	Chemistry	3	0	0	50	50	0	100	3
20ES01	Basic Electrical and Electronics Engg.	3	0	0	50	50	0	100	3
20ES02	Fundamentals of Programming Language- I	1	0	0	0	25	0	25	1
20ES03	Sustainable Engineering	3	1	0	50	50	0	100	4
20BS02L	Chemistry Lab	0	0	2	25	0	0	25	1
20ES01L	Basic Electrical and Electronics Engg. Lab	0	0	2	25	0	0	25	1
20ES02L	Fundamentals of Programming Language- I Lab	0	0	2	25	0	0	25	1
20ES07L	Technical Skill Development Lab	0	0	2	25	0	0	25	1
Total		13	2	8	300	225	0	525	19
Grand Total		23			525			525	19

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F. Y. B. Tech. Sem-II
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F. Y. B. Tech. Second Semester									
Course Code	Course Title	Teaching Scheme Hours / Week			Examination Scheme			Marks	Credit
		Lecture	Tutorial	Practical	In Semester	End Semester	Practical / Oral		
20BS03	Multivariate Calculus	3	1	0	50	50	0	100	4
20BS04	Physics	3	0	0	50	50	0	100	3
20ES04	Engineering Graphics	2	1	0	50	50	0	100	3
20ES05	Fundamentals of Programming Language- 2	3	0	0	50	50	0	100	3
20ES06	Geo Informatics	3	0	0	50	50	0	100	3
20BS04L	Physics Lab	0	0	2	25	0	0	25	1
20ES04L	Engineering Graphics Lab	0	0	2	25	0	0	25	1
20ES05L	Fundamentals of Programming Language- 2 Lab	0	0	2	25	0	0	25	1
20ES06L	Geo Informatics Lab	0	0	2	25	0	0	25	1
Total		14	2	8	350	250	00	600	20
Grand Total		24			600			600	20

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F. Y. B. Tech. Sem-I
E&TC / Instru / Mech Programmes
A. Y.: 2020-21 Onwards

F. Y. B. Tech. First Semester									
Course Code	Course Title	Teaching Scheme Hours / Week			Examination Scheme			Marks	Credit
		Lecture	Tutorial	Practical	In Semester	End Semester	Practical / Oral		
20BS01	Linear Algebra and Univariate Calculus	3	1	0	50	50	0	100	4
20BS04	Physics	3	0	0	50	50	0	100	3
20ES02	Fundamentals of Programming Language- I	1	0	0	0	25	0	25	1
20ES03	Sustainable Engineering	3	1	0	50	50	0	100	4
20ES04	Engineering Graphics	2	1	0	50	50	0	100	3
20BS04L	Physics Lab	0	0	2	25	0	0	25	1
20ES02L	Fundamentals of Programming Language- I Lab	0	0	2	25	0	0	25	1
20ES04L	Engineering Graphics Lab	0	0	2	25	0	0	25	1
20ES07L	Technical Skill Development Lab	0	0	2	25	0	0	25	1
Total		12	3	8	300	225	0	525	19
Grand Total		23			525			525	19

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F. Y. B. Tech. Second Semester									
Course Code	Course Title	Teaching Scheme Hours / Week			Examination Scheme			Marks	Credit
		Lecture	Tutorial	Practical	In Semester	End Semester	Practical / Oral		
20BS03	Multivariate Calculus	3	1	0	50	50	0	100	4
20BS02	Chemistry	3	0	0	50	50	0	100	3
20ES01	Basic Electrical and Electronics Engg.	3	0	0	50	50	0	100	3
20ES05	Fundamentals of Programming Language- 2 (E/IN)	3	0	0	50	50	0	100	3
20ES05M	Engineering Mechanics (Mech)	2	1	0					
20ES06	Geo Informatics	3	0	0	50	50	0	100	3
20BS02L	Chemistry Lab	0	0	2	25	0	0	25	1
20ES01L	Basic Electrical and Electronics Engg Lab	0	0	2	25	0	0	25	1
20ES05L	Fundamentals of Programming Language- 2 Lab	0	0	2	25	0	0	25	1
20ES05ML	Engineering Mechanics Lab	0	0	2					
20ES06L	Geo Informatics Lab	0	0	2	25	0	0	25	1
Total		15	2	8	350	250	00	600	20
Grand Total		24			600			600	20