



Rajarambapu Institute of Technology

(An Autonomous Institute)

Teaching & Evaluation Scheme for
First Year Engineering Common to all Branches

SEMESTER: I (Group A)

(For Mechanical, Civil and Automobile)

Subject Code	Subject	Teaching Scheme				Evaluation Scheme				
		L	T	P	Credits	Scheme	Theory (Marks%)		Practical (Marks%)	
							Max.	Min. for Passing \$	Max.	Min. for Passing
SH 101	Engineering Physics	3	-	-	3	ISE	20	40	--	--
						MSE	30		--	--
						ESE	50		--	--
SH 105	Engineering Mathematics-I	4	1	-	5	ISE	20	40	--	--
						MSE	30		--	--
						ESE	50		--	--
SH 107	Communication Skills	3	0	-	3	ISE	20	40	--	--
						MSE	30		--	--
						ESE	50		--	--
SH 111	Engineering Mechanics	3	1	-	4	ISE	20	40	--	--
						MSE	30		--	--
						ESE	50		--	--
SH 115	Introduction to Computer Programming	3	-	-	3	ISE	20	40	--	--
						MSE	30		--	--
						ESE	50		--	--
SH 151	Engineering Physics	-	-	2	1	ISE	--	--	100	40
SH 157	Introduction to Computer Programming	-	-	2	1	ISE	--	--	100	40
SH 159	Communication Skills	-	-	2	1	ISE	--	--	100	40
SH 161	W/S Practice-I	-	-	2	1	ISE	--	--	100	40
Total		16	2	8	22	Total Contact Hours/Week: 26 hrs.				

Note:

\$: Minimum 40% marks required combined in ISE and MSE to become eligible for ESE.

- Tutorials and practical shall be conducted in batches with batch strength not exceeding 20 students.

ISE: In Semester Evaluation

MSE: Mid Semester Evaluation

ESE: End Semester Examination



Rajarambapu Institute of Technology

(An Autonomous Institute)

Teaching & Evaluation Scheme for
First Year Engineering Common to all Branches

SEMESTER: I (Group B)

(For Electrical, Electronics & Telecommunication, Computer Science and Information Technology)

Subject Code	Subject	Teaching Scheme				Evaluation Scheme				
		L	T	P	Credits	Scheme	Theory (Marks%)		Practical (Marks%)	
							Max.	Min. for Passing \$	Max.	Min. for Passing
SH 103	Engineering Chemistry	3	-	-	3	ISE	20	40	--	--
						MSE	30		--	--
						ESE	50		--	--
SH 105	Engineering Mathematics-I	4	1	-	5	ISE	20	40	--	--
						MSE	30		--	--
						ESE	50		--	--
SH 109	Basic Electrical & Eln. Engg.	4	1	-	5	ISE	20	40	--	--
						MSE	30		--	--
						ESE	50		--	--
SH 111	Engineering Mechanics	3	1	-	4	ISE	20	40	--	--
						MSE	30		--	--
						ESE	50		--	--
SH 113	Engineering Graphics	2	-	-	2	ISE	20	40	--	--
						MSE	30		--	--
						ESE	50		--	--
SH 153	Engineering Chemistry	-	-	2	1	ISE	--	--	100	40
SH 155	Engineering Graphics	-	-	4	2	ISE	--	--	100	40
SH 161	W/S Practice-I	-	-	2	1	ISE	--	--	100	40
Total		16	3	8	23	Total Contact Hours/Week: 27 hrs.				

Note:

\$: Minimum 40% marks required combined in ISE and MSE to become eligible for ESE.

- Tutorials and practical shall be conducted in batches with batch strength not exceeding 20 students.

ISE: In Semester Evaluation

MSE: Mid Semester Evaluation

ESE: End Semester Examination



Rajarambapu Institute of Technology

(An Autonomous Institute)

Teaching & Evaluation Scheme for
First Year Engineering Common to all Branches

SEMESTER: II (Group A)
(For Mechanical, Civil and Automobile)

Subject Code	Subject	Teaching Scheme				Evaluation Scheme				
		L	T	P	Credits	Scheme	Theory (Marks%)		Practical (Marks%)	
							Max.	Min. for Passing \$	Max.	Min. for Passing
SH103	Engineering Chemistry	3	-	-	3	ISE	20	40	--	--
						MSE	30		--	--
						ESE	50		--	--
SH 102	Engineering Mathematics-II	4	1	-	5	ISE	20	40	--	--
						MSE	30		--	--
						ESE	50		--	--
SH 109	Basic Electrical & Eln. Engg.	4	1	-	5	ISE	20	40	--	--
						MSE	30		--	--
						ESE	50		--	--
SH 104	Basic Civil & Mechanical Engg.	4	1	-	5	ISE	20	40	--	--
						MSE	30		--	--
						ESE	50		--	--
SH 113	Engineering Graphics	2	-	-	2	ISE	20	40	--	--
						MSE	30		--	--
						ESE	50		--	--
SH 153	Engineering Chemistry	-	-	2	1	ISE	--	--	100	40
SH 155	Engineering Graphics	-	-	4	2	ISE	--	--	100	40
SH 152	W/S Practice-II	-	-	2	1	ISE	--	--	100	40
SH 154	Mini Project	-	-	-	1	ESE	Project submission followed by presentation and oral			
Total		17	3	8	25	Total Contact Hours/Week: 28 hrs.				

Note:

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ESE: End Semester Examination



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Teaching & Evaluation Scheme for
First Year Engineering Common to all Branches

SEMESTER: II (Group B)

(For Electrical, Electronics & Telecommunication, Computer Science and Information Technology)

Subject Code	Subject	Teaching Scheme				Evaluation Scheme				
		L	T	P	Credits	Scheme	Theory (Marks%)		Practical (Marks%)	
							Max.	Min. for Passing \$	Max.	Min. for Passing
SH 101	Engineering Physics	3	-	-	3	ISE	20	40	--	--
						MSE	30		--	--
						ESE	50		--	--
SH 102	Engineering Mathematics-II	4	1	-	5	ISE	20	40	--	--
						MSE	30		--	--
						ESE	50		--	--
SH 107	Communication Skills	3	0	-	3	ISE	20	40	--	--
						MSE	30		--	--
						ESE	50		--	--
SH 104	Basic Civil & Mechanical Engg.	4	1	-	5	ISE	20	40	--	--
						MSE	30		--	--
						ESE	50		--	--
SH 115	Introduction to Computer Programming	3	-	-	3	ISE	20	40	--	--
						MSE	30		--	--
						ESE	50		--	--
SH 151	Engineering Physics	-	-	2	1	ISE	--	--	100	40
SH 157	Introduction to Computer Programming	-	-	2	1	ISE	--	--	100	40
SH 159	Communication Skills	-	-	2	1	ISE	--	--	100	40
SH 152	W/S Practice-II	-	-	2	1	ISE	--	--	100	40
SH 154	Mini Project	-	-	-	1	ESE	Project submission followed by presentation and oral			
Total		17	2	8	24	Total Contact Hours/Week: 27 hrs.				

Note:

\$: Minimum 40% marks required combined in ISE and MSE to become eligible for ESE.

- Tutorials and practical shall be conducted in batches with batch strength not exceeding 20 students.

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Hints for understanding Code numbers in Structure

Course Code Starts with SH (Science & Humanities Department)

1 st Digit	2 nd & 3 rd Digit
Year	Course No.

* Nos. 101 to 150 : Theory Course

* Nos. 151 to 200 : Practical Course

Odd Nos. for Semester: I

Even Nos. for Semester: II