

## First Year B.Tech Structure & Evaluation Scheme

Term - I														
S N	Subject Code	Subject Name	Teaching				Credits	Evaluation Scheme (Marks)						ESE Durati on (Hrs)
			LECT	TUT	PRACT	Total		Theory			Practical		Total	
								TAE	CAE	ESE	Cont. Asses sment	Ext		
1	BEML101	Engineering Mathematics-I	3	1	–	4	4	20	20	60	–	–	100	3
2	BPHL102 BPHP102	Engineering Physics	4	1	2	7	6	20	20	60	25	25	150	3
3	BITL104 BITP104	Programming in C	2	–	2	4	3	10	10	30	25	25	100	2
4	BCEL107 BCEP107	Engineering Mechanics	3	1	2	6	5	20	20	60	25	25	150	3
5	BMEL108 BMEP108	Basic Mechanical and Engineering Graphics	2	–	2	4	3	20	20	60	25	25	150	3
6	BHUL109	Environmental Studies and Professional Ethics	2	–	–	2	Audit Course	–	–	–	–	–	–	–
<b>Total</b>			<b>16</b>	<b>3</b>	<b>8</b>	<b>27</b>	<b>21</b>	<b>90</b>	<b>90</b>	<b>270</b>	<b>100</b>	<b>100</b>	<b>650</b>	<b>14</b>

**Note:**

TAE – Teachers Assessment Examination (20%)

CAE – Class Assessment Examination (20%)

ESE – End Semester Examination (60%)

## First Year B.Tech Structure & Evaluation Scheme

Term - II														
S N	Subject Code	Subject Name	Teaching				Credits	Evaluation Scheme (Marks)						ESE Durati on (Hrs)
			Lect.	Tut.	Pract.	Total		Theory			Practical		Total	
								TAE	CAE	ESE	Cont. Asses sment	Ext		
1	BEML110	Engineering Mathematics-II	3	1	–	4	4	20	20	60	–	–	100	3
2	BCHL103 BCHP103	Engineering Chemistry	4	1	2	7	6	20	20	60	25	25	150	3
3	BECL105 BECP105	Basic Electronics Engineering	2	–	2	4	3	10	10	30	25	25	100	2
4	BEEL106 BEEP106	Basic Electrical Engineering	3	1	2	6	5	20	20	60	25	25	150	3
5	BMEP111	Workshop	–	–	2	2	1	–	–	–	50	–	50	–
6	BFYP112	Mini Modeling	–	–	2	2	1	–	–	–	50	–	50	–
7	BHUL113	Communication Skills	2	–	–	2	2	10	10	30	–	–	50	2
8	BIDL101	Bio System in Engineering	2	–	–	2	Audit Course	–	–	–	–	–	–	–
<b>Total</b>			<b>16</b>	<b>3</b>	<b>10</b>	<b>29</b>	<b>22</b>	<b>80</b>	<b>80</b>	<b>240</b>	<b>175</b>	<b>75</b>	<b>650</b>	<b>13</b>

**Total Credits: Term – I (21) + Term – II (22) = 43**

**G. H. Raisoni College of Engineering & Management, Pune**  
**(An Autonomous Institute Affiliated to SPPU)**  
**Department of First Year B.Tech**  
**Courses Offered for Term – II (A. Y.: 2018-19)**

**Theory Subjects**

- Engineering Mathematics-II
- Engineering Physics
- Engineering Chemistry
- Programming in C
- Engineering Mechanics
- Basic Mechanical and Engineering Graphics
- Basic Electronics Engineering
- Basic Electrical Engineering
- Communication Skills (Cambridge English Empower)

**Practical Subjects**

- Engineering Physics
- Engineering Chemistry
- Programming in C
- Engineering Mechanics
- Basic Mechanical and Engineering Graphics
- Basic Electronics Engineering
- Basic Electrical Engineering
- Workshop
- Mini Modeling

**Audit Subjects**

- Environmental Studies and Professional Ethics
- Bio System in Engineering