

**VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM**  
**SCHEME OF TEACHING AND EXAMINATION**

**I SEMESTER B.E./B.TECH.**

**PHYSICS GROUP**

Sl. No.	Subject Code	Subject	Teaching Department	Board	Theory /Lab/ Drawing (Hrs/ Week)	Examination Marks		
						Th./Pr.	I.A.	Total
1	10 MAT-11	Engineering Maths-I	Maths	Basic Sc.	4 (T)	100	25	125
2	10 PHY-12	Engineering Physics	Physics	Basic Sc.	4 (T)	100	25	125
3	10 CIV-13	Elements of Civil Engg. & Engineering Mechanics	Civil Engg.	Civil Engg.	4 (T)	100	25	125
4	10 EME-14	Elements of Mechanical Engg.	Mech. Engg.	Mech. Engg.	4 (T)	100	25	125
5	10 ELE-15	Basic Electrical Engg.	E & E	E & E	4 (T)	100	25	125
6	10 WSL-16	Workshop Practice	Mech., Auto, IP, IEM, Mfg. Engg.	Mech. Engg.	3 (L)	50	25	75
7	10PHYL-17	Engg. Physics Lab	Physics	Basic Sc.	3 (L)	50	25	75
8	10 CIP-18	*Constitution of India & Professional Ethics	Any Department		2 (T)	50	25	75
9		Language (Kan.)	Humanities		2 (T)	---	---	---
<b>Total</b>					<b>30</b>	<b>**600</b>	<b>**175</b>	<b>775</b>

**I SEMESTER B.E./B.TECH.**

**CHEMISTRY GROUP**

Sl. No.	Subject Code	Subject	Teaching Department	Board	Theory /Lab/ Drawing (Hrs/ Week)	Examination Marks		
						Th./Pr.	I.A.	Total
1	10 MAT-11	Engineering Maths-I	Maths	Basic Sc.	4 (T)	100	25	125
2	10 CHE-12	Engineering Chemistry	Chemistry	Basic Sc.	4 (T)	100	25	125
3	10 CCP-13	Computer Concepts & C Programming	Any Engineering Department	CSE	4 (T)	100	25	125
4	10CED 14	Computer Aided Engineering Drawing	Mech./IP/Auto/ Mfg.Egg./ IEM	Mech. Egg.	6 (2T + 4L)	100	25	125
5	10 ELN-15	Basic Electronics	E & C / E & E / TC / IT	E & C	4 (T)	100	25	125
6	10 CPL-16	Computer Programming Lab	Any Engineering Department	CSE	3 (L)	50	25	75
7	10 CHEL-17	Engg. Chemistry Lab	Chemistry	Basic Sc.	3 (L)	50	25	75
8	10 CIV-18	*Environmental Studies	Civil / Environmental	Civil	2 (T)	50	25	75
9		Language (Eng.)	Humanities		2 (T)	---	---	---
<b>Total</b>					<b>32</b>	<b>**600</b>	<b>**175</b>	<b>775</b>

**II SEMESTER B.E./B.TECH.****PHYSICS GROUP**

Sl. No.	Subject Code	Subject	Teaching Department	Board	Theory /Lab/ Drawing (Hrs/ Week)	Examination Marks		
						Th./Pr.	I.A.	Total
1	10 MAT-21	Engineering Maths-II	Maths	Basic Sc.	4 (T)	100	25	125
2	10 PHY-22	Engineering Physics	Physics	Basic Sc.	4 (T)	100	25	125
3	10 CIV-23	Elements of Civil Engg. & Engineering Mechanics	Civil Engg.	Civil Engg.	4 (T)	100	25	125
4	10 EME-24	Elements of Mechanical Engg.	Mech. Engg.	Mech. Engg.	4 (T)	100	25	125
5	10 ELE-25	Basic Electrical Engg.	E & E	E & E	4 (T)	100	25	125
6	10 WSL-26	Workshop Practice	Mech./IP/Auto/Mfg.Engg./ IEM	Mech. Engg.	3 (L)	50	25	75
7	10 PHYL-27	Engg. Physics Lab	Physics	Basic Sc.	3 (L)	50	25	75
8	10 CIP-28	*Constitution of India & Professional Ethics	Any Department	Civil	2 (T)	50	25	75
9		Language (Kan.)	Humanities		2 (T)	---	---	---
<b>Total</b>					<b>30</b>	<b>**600</b>	<b>**175</b>	<b>775</b>

**II SEMESTER B.E./B.TECH.****CHEMISTRY GROUP**

Sl. No.	Subject Code	Subject	Teaching Department	Board	Theory /Lab/ Drawing (Hrs/ Week)	Examination Marks		
						Th./Pr.	I.A.	Total
1	10 MAT-21	Engineering Maths-II	Maths	Basic Sc.	4 (T)	100	25	125
2	10 CHE-22	Engineering Chemistry	Chemistry	Basic Sc.	4 (T)	100	25	125
3	10 CCP-23	Computer Concepts & C Programming	Any Engineering Department	CSE	4 (T)	100	25	125
4	10 CED-24	Computer Aided Engineering Drawing	Mech./IP/Auto/ Mfg.Engg./ IEM	Mech. Engg.	6 (2T + 4L)	100	25	125
5	10 ELN-25	Basic Electronics	E & C/ E & E / TC / IT	E & C	4 (T)	100	25	125
6	10 CPL-26	Computer Programming Lab	Any Engineering Department	CSE	3 (L)	50	25	75
7	10 CHEL-27	Engg. Chemistry Lab	Chemistry	Basic Sc.	3 (3)	50	25	75
8	10 CIV-28	*Environmental Studies	Civil / Environmental	Civil	2 (T)	50	25	75
9		Language (Eng.)	Humanities		2 (T)	---	---	---
<b>Total</b>					<b>32</b>	<b>**600</b>	<b>**175</b>	<b>775</b>

**\*CIP/Env.Engg. : Question Papers will be of Objective Type. Students have to pass the subject compulsorily, however marks will not be considered for awarding class / rank.**

**\*\*Excluding Environmental Studies/Constitution of India & Professional Ethics**

**Language (Kan./Eng.) – Audit Course**

