



# VIVEKANANDA GLOBAL UNIVERSITY, JAIPUR

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(Established by Rajasthan State Legislature vide Act. No. 11/2012 and covered u/s 2(f) of UGC Act 1956)

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## FACULTY OF ENGINEERING & TECHNOLOGY

### SCHEME & SYLLABUS

#### FOR

### Bachelor of Technology-I Year (Common to all Branches of Engineering)

(Implemented from academic session-2018-19 and also for students admitted in 2015-16, 2016-17 and 2017-18)

Semester	I	II	Total
Credits	25	25	50

SESSION: 2018-19

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## SCHEME OF TEACHING AND EVALUATION

### B.Tech I Semester (Common for all branches)

Course Code	Course Category	Course Title	Teaching Scheme			
			L	T	P	C
ENG 105	Ability Enhancement	English	2	1	-	2.5
MAT 102	Science	Engineering Mathematics-I	3	1	-	3.5
PHY 105	Science	Physics For Engineers –I	3	1	-	3.5
CHY 105	Science	Chemistry For Engineers	2	-	-	2
BEE 101	Engineering	Basic Electrical & Electronics	3	1	-	3.5
BCS 101	Engineering	Fundamentals of Computer	3	-	-	3
PHY 106	Science	Physics For Engineers Lab –I	-	-	2	1
CHY 106	Science	Chemistry Lab	-	-	2	1
BEE 102	Engineering	Basic Electrical & Electronics Lab	-	-	2	1
BCS 102	Engineering	Fundamentals of Computer Lab	-	-	2	1
BME 101	Engineering	Workshop Practice	-	-	2	1
BME 102	Engineering	Engineering Graphics	-	-	2	1
ENG 113	Skill Enhancement	Soft Skills and Self Awareness	-	-	2	1
<b>TOTAL</b>			<b>16</b>	<b>4</b>	<b>14</b>	<b>25</b>

**Theory-** 2 Midterm Exams & course work(40%) and End Term Exam (60%)

**Practical-** 2 Midterm Exams & course work(60%) and End Term Exam (40%)

**Class work includes:** Quiz, Assignment, Seminars, Presentations, Attendance, Case study, Surprise class test, lab. record, Viva, Projects, and Observation Book.

## SCHEME OF TEACHING AND EVALUATION

### B. Tech II Semester (Common for all branches)

Course Code	Course Category	Course Title	Teaching Scheme			
			L	T	P	C
ENG 106	Ability Enhancement	Professional English	2	1	-	2.5
MAT 103	Science	Engineering Mathematics-II	3	1	-	3.5
PHY 107	Science	Physics For Engineers –II	3	1	-	3.5
CHY 103	Science	Environmental Science	2	-	-	2
BME 201	Engineering	Engineering Mechanics	3	1	-	3.5
BCS 201	Engineering	Computer Programming Using C	3	-	-	3
ENG 107	Ability Enhancement	Communication Techniques Lab	-	-	2	1
PHY 108	Science	Physics For Engineers Lab-II	-	-	2	1
CHY 107	Science	Environmental Science Lab	-	-	2	1
BCS 202	Engineering	Computer Programming Using C Lab	-	-	2	1
BME 202	Engineering	Computer Aided Graphics	-	-	2	1
ENG 114	Skill Enhancement	Soft skills and Communication	1	-	-	1
SEP 200	Skill Enhancement	Extra Curricular Activity (NSS/NCC/Scouting/Club activity)	-	-	2	1
<b>TOTAL</b>			<b>16</b>	<b>4</b>	<b>14</b>	<b>25</b>

**Theory-** 2 Midterm Exams & course work(40%) and End Term Exam (60%)

**Practical-** 2 Midterm Exams & course work(60%) and End Term Exam (40%)

**Class work includes:** Quiz, Assignment, Seminars, Presentations, Attendance, Case study, Surprise class test, lab. record, Viva, Projects, and Observation Book.