

I B. TECH I SEM SUBJECTS (ACE R20)

S NO	SYL CODE	REF CODE	NAME	INT MAX	EXT MAX	SUB TYPE	CREDI TS
CIVIL							
1	MA101BS	M-I	Mathematics-I	30	70	Theory	4
2	PH103BS	EP	Engineering Physics	30	70	Theory	4
3	CS103ES	PPS	Programming for Problem Solving	30	70	Theory	4
4	ME104ES	EG	Engineering Graphics	30	70	Theory	3
5	PH106BS	EP LAB	Engineering Physics Lab	30	70	Practical	1.5
6	CS106ES	PPS LAB	Programming for Problem Solving Lab	30	70	Practical	1.5
7	MC107ES	EVS	Environmental Science	0	100	Practical	0
8	MC108	BE	Business English	0	100	Practical	0
EEE							
1	MA101BS	M-I	Mathematics-I	30	70	Theory	4
2	CH102BS	EC	Engineering Chemistry	30	70	Theory	4
3	EE103ES	BEE	Basic Electrical Engineering	30	70	Theory	3
4	ME105ES	EW	Engineering Workshop	30	70	Practical	2.5
5	EN105HS	ENG	English	30	70	Theory	2
6	CH106BS	ECH LAB	Engineering Chemistry Lab	30	70	Practical	1.5
7	EN107HS	ELCS LAB	English Language and Communication Skills Lab	30	70	Practical	1
8	EE108ES	BEE LAB	Basic Electrical Engineering Lab	30	70	Practical	1
9	MC109	PP	Python Programming	0	100	Practical	0
10	MC110	A & R	Aptitude & Reasoning	0	100	Practical	0
MECH							
1	MA101BS	M-I	Mathematics-I	30	70	Theory	4
2	PH103BS	EP	Engineering Physics	30	70	Theory	4
3	CS103ES	PPS	Programming for Problem Solving	30	70	Theory	4
4	ME104ES	EG	Engineering Graphics	30	70	Theory	3
5	PH106BS	EPL	Engineering Physics Lab	30	70	Practical	1.5
6	CS106ES	PSL	Programming for Problem Solving Lab	30	70	Practical	1.5
7	MC107ES	ES	Environmental Science	0	100	Practical	0
8	MC108	BE	Business English	0	100	Practical	0
ECE							
1	MA101BS	M-I	Mathematics-I	30	70	Theory	4
2	PH102BS	AP	Applied Physics	30	70	Theory	4
3	CS103ES	PPS	Programming for Problem Solving	30	70	Theory	4
4	ME104ES	EG	Engineering Graphics	30	70	Theory	3
5	PH105BS	AP LAB	Applied Physics Lab	30	70	Practical	1.5
6	CS106ES	PPS LAB	Programming for Problem Solving Lab	30	70	Practical	1.5
7	MC107ES	ES	Environmental Science	0	100	Practical	0
8	MC108	BE	Business English	0	100	Practical	0
CSE							
1	MA101BS	M-I	Mathematics-I	30	70	Theory	4
2	CH102BS	EC	Engineering Chemistry	30	70	Theory	4
3	EE103ES	BEE	Basic Electrical Engineering	30	70	Theory	3
4	ME105ES	EW	Engineering Workshop	30	70	Practical	2.5
5	EN105HS	ENG	English	30	70	Theory	2
6	CH106BS	EC LAB	Engineering Chemistry Lab	30	70	Practical	1.5
7	EN107HS	ELCS LAB	English Language and Communication Skills Lab	30	70	Practical	1
8	EE108ES	BEE LAB	Basic Electrical Engineering Lab	30	70	Practical	1
9	MC109	PP	Python Programming	0	100	Practical	0
10	MC110	A & R	Aptitude & Reasoning	0	100	Practical	0

S NO	SYL CODE	REF CODE	NAME	INT MAX	EXT MAX	SUB TYPE	CREDITS
IT							
1	MA101BS	M-I	Mathematics-I	30	70	Theory	4
2	CH102BS	EC	Engineering Chemistry	30	70	Theory	4
3	EE103ES	BEE	Basic Electrical Engineering	30	70	Theory	3
4	ME105ES	EW	Engineering Workshop	30	70	Practical	2.5
5	EN105HS	ENG	English	30	70	Theory	2
6	CH106BS	ECH LAB	Engineering Chemistry Lab	30	70	Practical	1.5
7	EN107HS	ELCS LAB	English Language and Communication Skills Lab	30	70	Practical	1
8	EE108ES	BEE LAB	Basic Electrical Engineering Lab	30	70	Practical	1
9	MC109	PP	Python Programming	0	100	Practical	0
10	MC110	A & R	Aptitude & Reasoning	0	100	Practical	0
CSM							
1	MA101BS	M-I	Mathematics-I	30	70	Theory	4
2	PH102BS	AP	Applied Physics	30	70	Theory	4
3	CS103ES	PPS	Programming for Problem Solving	30	70	Theory	4
4	ME104ES	EG	Engineering Graphics	30	70	Theory	3
5	PH105BS	AP LAB	Applied Physics Lab	30	70	Practical	1.5
6	CS106ES	PPS Lab	Programming for Problem Solving Lab	30	70	Practical	1.5
7	MC107ES	ES	Environmental Science	0	100	Practical	0
8	MC108	BE	Business English	0	100	Practical	0
CSD							
1	MA101BS	M-I	Mathematics-I	30	70	Theory	4
2	CH102BS	EC	Engineering Chemistry	30	70	Theory	4
3	EE103ES	BEE	Basic Electrical Engineering	30	70	Theory	3
4	ME105ES	EW	Engineering Workshop	30	70	Practical	2.5
5	EN105HS	ENG	English	30	70	Theory	2
6	CH106BS	EC LAB	Engineering Chemistry Lab	30	70	Practical	1.5
7	EN107HS	ELCS LAB	English Language and Communication Skills Lab	30	70	Practical	1
8	EE108ES	BEE LAB	Basic Electrical Engineering Lab	30	70	Practical	1
9	MC109	PP	Python Programming	0	100	Practical	0
10	MC110	A & R	Aptitude & Reasoning	0	100	Practical	0
CSO							
1	MA101BS	M-I	Mathematics-I	30	70	Theory	4
2	PH102BS	AP	Applied Physics	30	70	Theory	4
3	CS103ES	PPS	Programming for Problem Solving	30	70	Theory	4
4	ME104ES	EG	Engineering Graphics	30	70	Theory	3
5	PH105BS	AP LAB	Applied Physics Lab	30	70	Practical	1.5
6	CS106ES	PPS LAB	Programming for Problem Solving Lab	30	70	Practical	1.5
7	MC107ES	ES	Environmental Science	0	100	Practical	0
8	MC108	BE	Business English	0	100	Practical	0

I B. TECH II SEM SUBJECTS (ACE R20)

S NO	SYL CODE	NAME	INT MAX	EXT MAX	SUB TYPE	CREDITS
CIVIL						
1	MA201BS	Mathematics - II	30	70	Theory	4
2	CH202BS	Engineering Chemistry	30	70	Theory	4
3	ME203ES	Engineering Mechanics	30	70	Theory	4
4	ME205ES	Engineering workshop	30	70	Practical	2.5
5	EN205HS	English	30	70	Theory	2
6	CH206BS	Engineering Chemistry Lab	30	70	Practical	1.5
7	EN207HS	English Language and Communication skills Lab	30	70	Practical	1
8	MC209	Python Programming	0	100	Practical	0
9	MC210	Aptitude & Reasoning	0	100	Practical	0
EEE						
1	MA201BS	Mathematics - II	30	70	Theory	4
2	PH202BS	Applied Physics	30	70	Theory	4
3	CS203ES	Programming for Problem Solving	30	70	Theory	4
4	ME204ES	Engineering Graphics	30	70	Theory	3
5	PH205BS	Applied Physics Lab	30	70	Practical	1.5
6	CS206ES	Programming for Problem Solving Lab	30	70	Practical	1.5
7	MC207ES	Environmental Science	0	100	Practical	0
8	MC208	Business English	0	100	Practical	0
MECH						
1	MA201BS	Mathematics - II	30	70	Theory	4
2	CH202BS	Engineering Chemistry	30	70	Theory	4
3	ME203ES	Engineering Mechanics	30	70	Theory	4
4	ME205ES	Engineering workshop	30	70	Practical	2.5
5	EN205HS	English	30	70	Theory	2
6	CH206BS	Engineering Chemistry Lab	30	70	Practical	1.5
7	EN207HS	English Language and Communication skills Lab	30	70	Practical	1
8	MC209	Python Programming	0	100	Practical	0
9	MC210	Aptitude & Reasoning	0	100	Practical	0
ECE						
1	MA201BS	Mathematics - II	30	70	Theory	4
2	CH202BS	Engineering Chemistry	30	70	Theory	4
3	EE203ES	Basic Electrical Engineering	30	70	Theory	3
4	ME205ES	Engineering workshop	30	70	Practical	2.5
5	EN205HS	English	30	70	Theory	2
6	CH206BS	Engineering Chemistry Lab	30	70	Practical	1.5
7	EN207HS	English Language and Communication skills Lab	30	70	Practical	1
8	EE208ES	Basic Electrical Engineering Lab	30	70	Practical	1
9	MC209	Python Programming	0	100	Practical	0
10	MC210	Aptitude & Reasoning	0	100	Practical	0
CSE						
1	MA201BS	Mathematics - II	30	70	Theory	4
2	PH202BS	Applied Physics	30	70	Theory	4
3	CS203ES	Programming for Problem Solving	30	70	Theory	4
4	ME204ES	Engineering Graphics	30	70	Theory	3
5	PH205BS	Applied Physics Lab	30	70	Practical	1.5
6	CS206ES	Programming for Problem Solving Lab	30	70	Practical	1.5
7	MC207ES	Environmental Science	0	100	Practical	0
8	MC208	Business English	0	100	Practical	0

S NO	SYL CODE	NAME	INT MAX	EXT MAX	SUB TYPE	CREDITS
IT						
1	MA201BS	Mathematics - II	30	70	Theory	4
2	PH202BS	Applied Physics	30	70	Theory	4
3	CS203ES	Programming for Problem Solving	30	70	Theory	4
4	ME204ES	Engineering Graphics	30	70	Theory	3
5	PH205BS	Applied Physics Lab	30	70	Practical	1.5
6	CS206ES	Programming for Problem Solving Lab	30	70	Practical	1.5
7	MC207ES	Environmental Science	0	100	Practical	0
8	MC208	Business English	0	100	Practical	0
CSM						
1	MA201BS	Mathematics - II	30	70	Theory	4
2	CH202BS	Engineering Chemistry	30	70	Theory	4
3	EE203ES	Basic Electrical Engineering	30	70	Theory	3
4	ME205ES	Engineering workshop	30	70	Practical	2.5
5	EN205HS	English	30	70	Theory	2
6	CH206BS	Engineering Chemistry Lab	30	70	Practical	1.5
7	EN207HS	English Language and Communication skills Lab	30	70	Practical	1
8	EE208ES	Basic Electrical Engineering Lab	30	70	Practical	1
9	MC209	Python Programming	0	100	Practical	0
10	MC210	Aptitude & Reasoning	0	100	Practical	0
CSD						
1	MA201BS	Mathematics - II	30	70	Theory	4
2	PH202BS	Applied Physics	30	70	Theory	4
3	CS203ES	Programming for Problem Solving	30	70	Theory	4
4	ME204ES	Engineering Graphics	30	70	Theory	3
5	PH205BS	Applied Physics Lab	30	70	Practical	1.5
6	CS206ES	Programming for Problem Solving Lab	30	70	Practical	1.5
7	MC207ES	Environmental Science	0	100	Practical	0
8	MC208	Business English	0	100	Practical	0
CSO						
1	MA201BS	Mathematics - II	30	70	Theory	4
2	CH202BS	Engineering Chemistry	30	70	Theory	4
3	EE203ES	Basic Electrical Engineering	30	70	Theory	3
4	ME205ES	Engineering workshop	30	70	Practical	2.5
5	EN205HS	English	30	70	Theory	2
6	CH206BS	Engineering Chemistry Lab	30	70	Practical	1.5
7	EN207HS	English Language and Communication skills Lab	30	70	Practical	1
8	EE208ES	Basic Electrical Engineering Lab	30	70	Practical	1
9	MC209	Python Programming	0	100	Practical	0
10	MC210	Aptitude & Reasoning	0	100	Practical	0

II B. TECH I SEM SUBJECTS (ACE R20)

S NO	EXT EXAM CODE	NAME	INT MAX	EXT MAX	SUB TYPE	CREDITS
CIVIL						
1	CE301PC	Surveying and Geomatics	30	70	Theory	3
2	CE302PC	Engineering Geology	30	70	Theory	2
3	CE303PC	Strength of Materials I	30	70	Theory	4
4	MA304BS	Probability and Statistics	30	70	Theory	4
5	CE305PC	Fluid Mechanics	30	70	Theory	4
6	CE306PC	Surveying Lab	30	70	Practical	1.5
7	CE307PC	Strength of Materials Lab	30	70	Practical	1.5
8	CE308PC	Engineering Geology Lab	30	70	Practical	1
9	MC309HS	Constitution of India	0	100	Practical	0
EEE						
1	ME301ES	Engineering Mechanics	30	70	Theory	4
2	EE302PC	Electrical Circuits	30	70	Theory	4
3	EE303PC	Analog Electronics	30	70	Theory	3
4	EE304PC	Electrical Machines-I	30	70	Theory	4
5	EE305PC	Electromagnetic Field	30	70	Theory	3
6	EE306PC	Electrical Machines Lab-I	30	70	Practical	1
7	EE307PC	Analog Electronics Lab	30	70	Practical	1
8	EE308PC	Electrical Circuits Lab	30	70	Practical	1
9	MC309HS	Gender Sensitization Lab	0	100	Practical	0
10	MC310CS	Fundamentals of Data Structures	0	100	Practical	0
MECH						
1	MA301BS	Probability and Statistics & Complex Variables	30	70	Theory	4
2	ME302PC	Mechanics of Solids	30	70	Theory	4
3	ME303PC	Material Science and Metallurgy	30	70	Theory	3
4	ME304PC	Production Technology	30	70	Theory	3
5	ME305PC	Thermodynamics	30	70	Theory	4
6	ME306PC	Production Technology Lab	30	70	Practical	1
7	ME307PC	Machine Drawing Practice	30	70	Practical	1
8	ME308PC	Material Science and Mechanics of Solids Lab	30	70	Practical	1
9	MC309HS	Constitution of India	0	100	Practical	0
10	MC310ME	Auto CAD	0	100	Practical	0
ECE						
1	EC301PC	Electronic Devices and Circuits	30	70	Theory	4
2	EC302PC	Network Analysis and Transmission Lines	30	70	Theory	3
3	EC303PC	Switching Theory and Logic Design	30	70	Theory	4
4	EC304PC	Signals and Systems	30	70	Theory	4
5	EC305ES	Probability Theory and Stochastic Processes	30	70	Theory	3
6	EC306PC	Electronic Devices and Circuits Lab	30	70	Practical	1
7	EC307PC	Digital Logic Design Lab	30	70	Practical	1
8	EC308PC	Basic Simulation Lab	30	70	Practical	1
9	MC309HS	Constitution of India	0	100	Practical	0
10	MC310EC	Fundamentals of Data Structures	0	100	Practical	0
11	MC311	Advanced Python Programming	0	100	Practical	0

S NO	EXT EXAM CODE	NAME	INT MAX	EXT MAX	SUB TYPE	CREDITS
CSE						
1	EC301ES	Analog and Digital Electronics	30	70	Theory	3
2	CS302PC	Data structures	30	70	Theory	4
3	MA303BS	Computer Oriented Statistical Methods	30	70	Theory	4
4	CS304PC	Computer Organization and Architecture	30	70	Theory	3
5	CS305PC	Object Oriented Programming using C++	30	70	Theory	2
6	EC306ES	Analog and Digital Electronics Lab	30	70	Practical	1
7	CS307PC	Data Structures Lab	30	70	Practical	1.5
8	CS308PC	IT Workshop Lab	30	70	Practical	1.5
9	CS309PC	C++ Programming Lab	30	70	Practical	1
10	MC309HS	Gender Sensitization Lab	0	100	Practical	0
IT						
1	EC301ES	Analog and Digital Electronics	30	70	Theory	3
2	CS302PC	Data structures	30	70	Theory	4
3	MA303BS	Computer Oriented Statistical Methods	30	70	Theory	4
4	IT304ES	Computer Organization and Microprocessor	30	70	Theory	3
5	CS305PC	Object Oriented Programming using C++	30	70	Theory	2
6	EC306ES	Analog and Digital Electronics Lab	30	70	Practical	1
7	CS307PC	Data Structures Lab	30	70	Practical	1.5
8	IT308ES	IT Workshop and Microprocessor Lab	30	70	Practical	1.5
9	CS309PC	C++ Programming Lab	30	70	Practical	1
10	MC309HS	Gender Sensitization Lab	0	100	Practical	0
CSM						
1	CS301PC	Discrete Mathematics	30	70	Theory	3
2	CS302PC	Data Structures	30	70	Theory	4
3	MA305BS	Mathematical and Statistical Foundations	30	70	Theory	3
4	CS304PC	Computer Organization and Architecture	30	70	Theory	3
5	CS310PC	Advanced Python Programming	30	70	Theory	2
6	SM302MS	Business Economics & Financial Analysis	30	70	Theory	3
7	CS307PC	Data Structures Lab	30	70	Practical	1.5
8	CS311PC	Advanced Python Programming Lab	30	70	Practical	1.5
9	MC309HS	Gender Sensitization Lab	0	100	Practical	0
CSD						
1	CS301PC	Discrete Mathematics	30	70	Theory	3
2	CS302PC	Data Structures	30	70	Theory	4
3	MA305BS	Mathematical and Statistical Foundations	30	70	Theory	3
4	CS304PC	Computer Organization and Architecture	30	70	Theory	3
5	CS310PC	Advanced Python Programming	30	70	Theory	2
6	SM302MS	Business Economics & Financial Analysis	30	70	Theory	3
7	CS307PC	Data Structures Lab	30	70	Practical	1.5
8	CS311PC	Advanced Python Programming Lab	30	70	Practical	1.5
9	MC309HS	Gender Sensitization Lab	0	100	Practical	0
CSO						
1	EC301ES	Analog and Digital Electronics	30	70	Theory	3
2	CS302PC	Data structures	30	70	Theory	4
3	MA303BS	Computer Oriented Statistical Methods	30	70	Theory	4
4	CS301PC	Discrete Mathematics	30	70	Theory	3
5	CS310PC	Advanced Python Programming	30	70	Theory	2
6	EC306ES	Analog and Digital Electronics Lab	30	70	Practical	1
7	CS307PC	Data Structures Lab	30	70	Practical	1.5
8	CS308PC	IT Workshop Lab	30	70	Practical	1.5
9	CS311PC	Advanced Python Programming Lab	30	70	Practical	1
10	MC309HS	Gender Sensitization Lab	0	100	Practical	0

II B. TECH II SEM SUBJECTS (ACE R20)

S NO	EXT EXAM CODE	NAME	INT MAX	EXT MAX	SUB TYPE	CREDIT S
CIVIL						
1	EE401ES	Principles of Electrical and Electronics Engineering	30	70	Theory	3
2	CE402ES	Basic Mechanical Engineering for Civil Engineers	30	70	Theory	2
3	CE403PC	Building Materials, Construction and Planning	30	70	Theory	3
4	CE404PC	Strength of Materials II	30	70	Theory	3
5	CE405PC	Hydraulics and Hydraulic Machinery	30	70	Theory	3
6	CE406PC	Structural Analysis I	30	70	Theory	3
7	CE407PC	Computer Aided Civil Engineering Drawing Lab	30	70	Practical	1.5
8	EE409ES	Principles of Electrical and Electronics Engineering Lab	30	70	Practical	1
9	CE409PC	Hydraulics and Hydraulic Machinery Lab	30	70	Practical	1.5
10	MC409HS	Gender Sensitization Lab	0	100	Practical	0
EEE						
1	MA401BS	Laplace Transforms, Numerical Methods and Complex Variable	30	70	Theory	4
2	EE402PC	Electrical Machines-II	30	70	Theory	4
3	EE403PC	Digital Electronics	30	70	Theory	3
4	EE404PC	Control Systems	30	70	Theory	3
5	EE405PC	Power System-1	30	70	Theory	3
6	EE406PC	Power System Lab-I	30	70	Practical	1
7	EE407PC	Digital Electronics Lab	30	70	Practical	1
8	EE408PC	Electrical Machines Lab-II	30	70	Practical	1
9	EE409PC	Control System Lab	30	70	Practical	1
10	MC412HS	Constitution of India	0	100	Practical	0
11	MC410BS	Numerical Methods Lab	0	100	Practical	0
MECH						
1	EE401ES	Principles of Electrical and Electronics Engineering	30	70	Theory	3
2	ME402PC	Kinematics of Machinery	30	70	Theory	4
3	ME403PC	Thermal Engineering I	30	70	Theory	4
4	ME404PC	Fluid Mechanics and Hydraulic Machines	30	70	Theory	4
5	SM402MS	Business Economics & Financial Analysis	30	70	Theory	3
6	ME406PC	Fluid Mechanics and Hydraulic Machines Lab	30	70	Practical	1
7	ME407PC	Thermal Engineering Lab	30	70	Practical	1
8	EE409ES	Principles of Electrical and Electronics Engineering Lab	30	70	Practical	1
9	MC409HS	Gender Sensitization Lab	0	100	Practical	0
10	MC410ME	CREO	0	100	Practical	0
ECE						
1	MA402BS	Numerical Methods, Complex Variables & Statistical Inference	30	70	Theory	4
2	EC402PC	Electromagnetic Fields and Waves	30	70	Theory	3
3	EC403PC	Analog and Digital Communications	30	70	Theory	4
4	EC404PC	Analog and Pulse Circuits	30	70	Theory	3
5	EC405PC	Linear and Digital Integrated Circuits	30	70	Theory	3
6	EC406PC	Analog and Digital Communications Lab	30	70	Practical	1.5
7	EC407PC	Analog and Pulse Circuits Lab	30	70	Practical	1.5
8	EC408PC	Linear and Digital Integrated Circuits Lab	30	70	Practical	1
9	MC409HS	Gender Sensitization Lab	0	100	Practical	0
10	MC410EC	Electronic Circuit Design Lab	0	100	Practical	0

S NO	EXT EXAM CODE	NAME	INT MAX	EXT MAX	SUB TYPE	CREDITS
CSE						
1	CS401PC	Discrete Mathematics	30	70	Theory	3
2	SM402MS	Business Economics and Financial Analysis	30	70	Theory	3
3	CS403PC	Operating Systems	30	70	Theory	3
4	CS404PC	Database Management Systems	30	70	Theory	4
5	CS405PC	Java Programming	30	70	Theory	4
6	CS406PC	Operating Systems Lab	30	70	Practical	1.5
7	CS407PC	Database Management Systems Lab	30	70	Practical	1.5
8	CS408PC	Java Programming Lab	30	70	Practical	1
9	MC409CS	PDA	0	100	Practical	0
IT						
1	CS401PC	Discrete Mathematics	30	70	Theory	3
2	SM402MS	Business Economics & Financial Analysis	30	70	Theory	3
3	CS403PC	Operating Systems	30	70	Theory	3
4	CS404PC	Database Management Systems	30	70	Theory	4
5	CS405PC	Java Programming	30	70	Theory	4
6	CS406PC	Operating Systems Lab	30	70	Practical	1.5
7	CS407PC	Database Management Systems Lab	30	70	Practical	1.5
8	CS408PC	Java Programming Lab	30	70	Practical	1
9	MC412HS	Constitution of India	0	100	Practical	0
10	MC411IT	Python Programming -II	0	100	Practical	0
CSM						
1	CS416PC	Formal Language and Automata Theory	30	70	Theory	3
2	CS417PC	Software Engineering	30	70	Theory	3
3	CS403PC	Operating Systems	30	70	Theory	3
4	CS404PC	Database Management Systems	30	70	Theory	4
5	CS405PC	Java Programming	30	70	Theory	4
6	CS406PC	Operating Systems Lab	30	70	Practical	1.5
7	CS407PC	Database Management Systems Lab	30	70	Practical	1.5
8	CS408PC	Java Programming Lab	30	70	Practical	1
9	MC412HS	Constitution of India	0	100	Practical	0
CSD						
1	CS416PC	Formal Language and Automata Theory	30	70	Theory	3
2	CS417PC	Software Engineering	30	70	Theory	3
3	CS403PC	Operating Systems	30	70	Theory	3
4	CS404PC	Database Management Systems	30	70	Theory	4
5	CS405PC	Java Programming	30	70	Theory	4
6	CS406PC	Operating Systems Lab	30	70	Practical	1.5
7	CS407PC	Database Management Systems Lab	30	70	Practical	1.5
8	CS408PC	Java Programming Lab	30	70	Practical	1
9	MC412HS	Constitution of India	0	100	Practical	0
CSO						
1	CS410PC	Computer Organization and Architecture	30	70	Theory	3
2	SM402MS	Business Economics & Financial Analysis	30	70	Theory	3
3	CS403PC	Operating Systems	30	70	Theory	3
4	CO401PC	Sensors and Devices	30	70	Theory	4
5	CS405PC	Java Programming	30	70	Theory	4
6	CS406PC	Operating Systems Lab	30	70	Practical	1.5
7	CO402PC	Sensors and Devices Lab	30	70	Practical	1.5
8	CS408PC	Java Programming Lab	30	70	Practical	1
9	MC412HS	Constitution of India	0	100	Practical	0

III B. TECH I SEM SUBJECTS (ACE R20-2021 Batches)

S NO	EXT EXAM CODE	NAME	ELECTIVE	IN T MA	EX T MA	SUB TYPE	CR EDI TS
CIVIL							
1	CE501PC	Structural Analysis-II		30	70	Theory	3
2	CE502PC	Geotechnical Engineering		30	70	Theory	3
3	CE503PC	Structural Engineering I (RCC)		30	70	Theory	4
4	CE504PC	Transportation Engineering		30	70	Theory	3
5	CE511PE	Concrete Technology	Professional Elective-I	30	70	Theory	3
6	SM505MS	Engineering Economics and Accountancy		30	70	Theory	2
7	CE506PC	Highway Engineering and Concrete Technology Lab		30	70	Practical	1.5
8	CE507PC	Geotechnical Engineering Lab		30	70	Practical	1.5
9	EN508HS	Advanced English Communication Skills Lab		30	70	Practical	1
10	MC509	Intellectual Property Rights		0	100	Practical	0
11	MC510	Cyber Security		0	100	Practical	0
EEE							
1	EE501PC	Power Electronics		30	70	Theory	4
2	EE502PC	Power System-II		30	70	Theory	4
3	EE503PC	Electrical Measurements and Instrumentation		30	70	Theory	4
4	EE511PE	Computer Architecture	Professional Elective-I	30	70	Theory	3
5	SM504MS	Business Economics and Financial Analysis		30	70	Theory	3
6	EE505PC	Power System Lab-II		30	70	Practical	1
7	EE506PC	Power Electronics Lab		30	70	Practical	1
8	EE507PC	Electrical Measurements and Instrumentation Lab		30	70	Practical	1
9	EN508HS	Advanced English Communication skills Lab		30	70	Practical	1
10	MC509	Intellectual Property Rights		0	100	Practical	0
11	MC511	Fundamentals of AI		0	100	Practical	0
MECH							
1	ME501PC	Dynamics of Machinery		30	70	Theory	4
2	ME502PC	Design of Machine Members-I		30	70	Theory	3
3	ME503PC	Metrology & Machine Tools		30	70	Theory	3
4	ME504PC	Instrumentation and Control Systems		30	70	Theory	3
5	ME505PC	Thermal Engineering-II		30	70	Theory	3
6	ME506PC	Operations Research		30	70	Theory	3
7	ME507PC	Instrumentation and Control Systems Lab		30	70	Practical	1
8	ME508PC	Metrology & Machine Tools Lab		30	70	Practical	1
9	ME509PC	Kinematics & Dynamics Lab		30	70	Practical	1
10	MC509	Intellectual Property Rights		0	100	Practical	0
11	MC511ME	Analysis Lab		0	100	Practical	0
12	MC510	Cyber Security		0	100	Practical	0

S NO	EXT EXAM CODE	NAME	ELECTIVE	IN T MA	EX T MA	SUB TYPE	CR EDI TS
<i>ECE</i>							
1	EC501PC	Microprocessors & Microcontrollers		30	70	Theory	4
2	CS502ES	Data Communications and Networks		30	70	Theory	4
3	EE503ES	Control Systems		30	70	Theory	4
4	SM504MS	Business Economics and Financial Analysis		30	70	Theory	3
5	EC513PE	Electronic Measurements and Instrumentation	Professional Elective-I	30	70	Theory	3
6	EC505PC	Microprocessors & Microcontrollers Lab		30	70	Practical	1.5
7	EC506PC	Data Communications and Networks Lab		30	70	Practical	1.5
8	EN508HS	Advanced English Communication Skills Lab		30	70	Practical	1
9	MC509	Intellectual Property Rights		0	100	Practical	0
10	MC510	Cyber Security		0	100	Practical	0
<i>CSE</i>							
1	CS501PC	Formal Languages & Automata Theory		30	70	Theory	3
2	CS502PC	Software Engineering		30	70	Theory	3
3	CS503PC	Computer Networks		30	70	Theory	3
4	CS504PC	Web Technologies		30	70	Theory	3
5	CS513PE	Data Analytics	Professional Elective-I	30	70	Theory	3
6	CS525PE	Artificial Intelligence	Professional Elective-II	30	70	Theory	3
7	CS505PC	Software Engineering Lab		30	70	Practical	1.5
8	CS506PC	Computer Networks & Web Technologies Lab		30	70	Practical	1.5
9	EN508HS	Advanced English Communication Skills Lab		30	70	Practical	1
10	MC509	Intellectual Property Rights		0	100	Practical	0
<i>IT</i>							
1	CS501PC	Formal Languages & Automata Theory		30	70	Theory	3
2	CS502PC	Software Engineering		30	70	Theory	3
3	IT503PC	Data Communication & Computer Networks		30	70	Theory	4
4	IT504PC	Web Programming		30	70	Theory	2
5	IT523PE	Machine Learning	Professional Elective-II	30	70	Theory	3
6	CS505PC	Software Engineering Lab		30	70	Practical	1.5
7	IT506PC	Computer Networks & Web Programming Lab		30	70	Practical	1.5
8	EN508HS	Advanced English Communication Skills Lab		30	70	Practical	1
9	MC509	Intellectual Property Rights		0	100	Practical	0
10	MC511	Fundamentals of AI		0	100	Practical	0
11	CS513PE	Data Analytics	Professional Elective-I	30	70	Theory	3

S NO	EXT EXAM CODE	NAME	ELECTIVE	IN T MA	EX T MA	SUB TYPE	CR EDI TS
CSM							
1	CM501PC	Design and Analysis of Algorithms		30	70	Theory	3
2	CM502PC	Machine Learning		30	70	Theory	3
3	CS503PC	Computer Networks		30	70	Theory	3
4	CM503PC	Compiler Design		30	70	Theory	3
5	CM512PE	Introduction to Data Science	Professional Elective-I	30	70	Theory	3
6	CD522PE	Information Retrieval Systems	Professional Elective-II	30	70	Theory	3
7	CM504PC	Machine Learning Lab		30	70	Practical	1.5
8	CM505PC	Computer Networks Lab		30	70	Practical	1.5
9	EN508HS	Advanced English Communication Skills Lab		30	70	Practical	1
10	MC509	Intellectual Property Rights		0	100	Practical	0
11	MC512	Essence of Indian Knowledge Tradition Part-1		0	100	Practical	0
CSD							
1	CM501PC	Design and Analysis of Algorithms		30	70	Theory	3
2	CD502PC	Introduction to Data Science		30	70	Theory	3
3	CS503PC	Computer Networks		30	70	Theory	3
4	CD504PC	Data Mining		30	70	Theory	3
5	CD512PE	Artificial Intelligence	Professional Elective-I	30	70	Theory	3
6	CD522PE	Information Retrieval Systems	Professional Elective-II	30	70	Theory	3
7	CD505PC	Data Mining Lab		30	70	Practical	1.5
8	CM505PC	Computer Networks Lab		30	70	Practical	1.5
9	EN508HS	Advanced English Communication Skills Lab		30	70	Practical	1
10	MC509	Intellectual Property Rights		0	100	Practical	0
11	MC512	Essence of Indian Knowledge Tradition Part - 1		0	100	Practical	0
CSO							
1	CO501PC	Finite Automata and Compiler Design		30	70	Theory	3
2	EC501PC	Microprocessors & Microcontrollers		30	70	Theory	3
3	CS503PC	Computer Networks		30	70	Theory	3
4	CO504PC	Database Management Systems		30	70	Theory	3
5	CO525PE	Software Engineering	Professional Elective-I	30	70	Theory	3
6	CO505PC	Database Management Systems Lab		30	70	Practical	1.5
7	EC505PC	Microprocessors & Microcontrollers Lab		30	70	Practical	1.5
8	EN508HS	Advanced English Communication Skills Lab		30	70	Practical	1
9	MC509	Intellectual Property Rights		0	100	Practical	0
10	MC511	Fundamentals of AI		0	100	Practical	0
11	CO515PE	Design and Analysis of Algorithms	Professional Elective-II	30	70	Theory	3

III B. TECH II SEM SUBJECTS (ACE R20)

S NO	SYL CODE	NAME	INT MA X	EXT MA X	SUB TYPE	CRE DITS
CIVIL						
1	CE601PC	Hydrology & Water Resources Engineering	30	70	Theory	4
2	CE602PC	Environmental Engineering	30	70	Theory	3
3	CE603PC	Foundation Engineering	30	70	Theory	3
4	CE604PC	Structural Engineering II (Steel)	30	70	Theory	4
5	CE611PE	Prestressed Concrete	30	70	Theory	3
6	CS601OE	Fundamentals of Management for Engineers	30	70	Theory	3
7	CE605PC	Environmental Engineering Lab	30	70	Practical	1
8	CE606PC	Computer Aided Design Lab	30	70	Practical	1
9	MC609	Environmental Science	0	100	Practical	0
10	MC602	Fundamentals of AI	0	100	Practical	0
11	MC108	Business English	0	100	Practical	0
EEE						
1	EE601PC	Digital Signal Processing	30	70	Theory	3
2	EE602PC	Microprocessors and Microcontrollers	30	70	Theory	3
3	EE603PC	Power System Protection	30	70	Theory	4
4	EE604PC	Power System Operation and Control	30	70	Theory	3
5	EE612PE	Wind and Solar Energy Systems	30	70	Theory	3
6	EC600OE	Fundamentals of Internet of Things	30	70	Theory	3
7	EE605PC	Electrical Systems Simulation Lab	30	70	Practical	1
8	EE606PC	Microprocessors and Microcontrollers Lab	30	70	Practical	1
10	EE607PC	Digital Signal Processing Lab	30	70	Practical	1
11	MC601	Cyber Security	0	100	Practical	0
12	MC609	Environmental Science	0	100	Practical	0
13	MC108	Business English	0	100	Practical	0
MECH						
1	ME601PC	Design of Machine Members-II	30	70	Theory	3
2	ME602PC	Heat Transfer	30	70	Theory	4
3	ME603PC	CAD & CAM	30	70	Theory	3
4	ME604PC	Finite Element Methods	30	70	Theory	3
5	ME611PE	Unconventional Machining Processes	30	70	Theory	3
6	EC600OE	Fundamentals of Internet of Things	30	70	Theory	3
7	ME605PC	Heat Transfer Lab	30	70	Practical	1
8	ME606PC	CAD & CAM Lab	30	70	Practical	1
9	EN608HS	Advanced English Communication Skills lab	30	70	Practical	1
10	MC609	Environmental Science	0	100	Practical	0
11	MC108	Business English	0	100	Practical	0
12	MC602	Fundamentals of AI	0	100	Practical	0

S NO	SYL CODE	NAME	INT MA X	EXT MA X	SUB TYPE	CRE DITS
<i>ECE</i>						
1	EC601PC	Antennas and Propagation	30	70	Theory	4
2	EC602PC	Digital Signal Processing	30	70	Theory	4
3	EC603PC	VLSI Design	30	70	Theory	4
4	EC613PE	Embedded System Design	30	70	Theory	3
5	CS601OE	Fundamentals of Management for Engineers	30	70	Theory	3
6	EC604PC	Digital Signal Processing Lab	30	70	Practical	1.5
7	EC605PC	e CAD Lab	30	70	Practical	1.5
8	EC606PC	Scripting Languages Lab	30	70	Practical	1
9	MC601EC	Numerical Ability & Reasoning	0	100	Practical	0
10	MC602	Fundamentals of AI	0	100	Practical	0
11	MC609	Environmental Science	0	100	Practical	0
12	MC108	Business English	0	100	Practical	0
<i>CSE</i>						
1	CS601PC	Machine Learning	30	70	Theory	4
2	CS602PC	Compiler Design	30	70	Theory	4
3	CS603PC	Design and Analysis of Algorithms	30	70	Theory	4
4	CS615PE	Software Testing Methodologies	30	70	Theory	3
5	EC600OE	Fundamentals of Internet of Things	30	70	Theory	3
6	CS604PC	Machine Learning Lab	30	70	Practical	1.5
7	CS605PC	Compiler Design Lab	30	70	Practical	1.5
8	CS625PE	Software Testing Methodologies Lab	30	70	Practical	1
9	MC609	Environmental Science	0	100	Practical	0
10	MC601	Cyber Security	0	100	Practical	0
11	MC108	Business English	0	100	Practical	0
<i>IT</i>						
1	IT601PC	Introduction to Embedded Systems	30	70	Theory	3
2	IT602PC	Principles of Compiler Construction	30	70	Theory	3
3	IT603PC	Algorithm Design and Analysis	30	70	Theory	3
4	IT604PC	Internet of Things	30	70	Theory	3
5	CS615PE	Software Testing Methodologies	30	70	Theory	3
6	CE600OE	Disaster Preparedness & Planning Management	30	70	Theory	3
7	IT605PC	Embedded Systems & Internet of Things Lab	30	70	Practical	1.5
8	IT606PC	Compiler Construction Lab	30	70	Practical	1.5
9	CS625PE	Software Testing Methodologies Lab	30	70	Practical	1
10	MC601	Cyber Security	0	100	Practical	0
11	MC609	Environmental Science	0	100	Practical	0
12	MC108	Business English	0	100	Practical	0

S NO	SYL CODE	NAME	INT MA X	EXT MA X	SUB TYPE	CRE DITS
CSM						
1	CM601PC	Artificial Intelligence	30	70	Theory	4
2	CM602PC	DevOps	30	70	Theory	4
3	CM603PC	Natural Language Processing	30	70	Theory	4
4	CM615PE	Data Mining	30	70	Theory	3
5	EC600OE	Fundamentals of Internet of Things	30	70	Theory	3
6	CM604PC	Artificial Intelligence and Natural Language Lab	30	70	Practical	1.5
7	CM605PC	DevOps Lab	30	70	Practical	1.5
8	CM617PE	Data Mining Lab	30	70	Practical	1
9	MC601	Cyber Security	0	100	Practical	0
10	MC609	Environmental Science	0	100	Practical	0
11	MC108	Business English	0	100	Practical	0
CSD						
1	CS602PC	Compiler Design	30	70	Theory	4
2	CS601PC	Machine Learning	30	70	Theory	4
3	CD603PC	Big Data Analytics	30	70	Theory	4
4	CD622PE	Data Visualization Techniques	30	70	Theory	3
5	CE600OE	Disaster Preparedness & Planning Management	30	70	Theory	3
6	CS604PC	Machine Learning Lab	30	70	Practical	1.5
7	CD607PC	Big Data Analytics Lab	30	70	Practical	1.5
8	CD612PE	Data Visualization Techniques Lab	30	70	Practical	1
9	MC600HS	Professional Ethics	0	100	Practical	0
10	MC601	Cyber Security	0	100	Practical	0
11	MC609	Environmental Science	0	100	Practical	0
12	MC108	Business English	0	100	Practical	0
CSO						
1	CO601PC	IoT Communication Protocols	30	70	Theory	4
2	CO602PC	Computer Vision and Robotics	30	70	Theory	4
3	CO603PC	Programming Languages for IoT	30	70	Theory	4
4	CS615PE	Software Testing Methodologies	30	70	Theory	3
5	CS601OE	Fundamentals of Management for Engineers	30	70	Theory	3
6	CO606PC	IoT lab	30	70	Practical	1.5
7	CS625PE	Software Testing Methodologies Lab	30	70	Practical	1.5
8	CO608PC	Computer Vision Lab	30	70	Practical	1
9	MC609	Environmental Science	0	100	Practical	0
10	MC601	Cyber Security	0	100	Practical	0
11	MC108	Business English	0	100	Practical	0

IV B. TECH I SEM SUBJECTS (ACE R20) - 2021 Batch

S NO	EXT EXAM CODE	NAME	Elective	INT MAX	EXT MAX	SUB TYPE	CREDI TS
CIVIL							
1	CE701PC	Estimation, Costing and Project Management		30	70	Theory	4
2	CE711PE	Remote Sensing & GIS	PE-III	30	70	Theory	3
3	CE721PE	Irrigation and Hydraulic Structures	PE-IV	30	70	Theory	3
4	CS700OE	Data Structures	OE - II	30	70	Theory	3
5	SM701MS	Professional Practice law & Ethics		30	70	Theory	2
6	CE703PC	Industrial Oriented Mini Project/ Summer Internship		30	70	Project	2
7	CE704PC	Seminar		100	0	Practical	1
8	CE705PC	Project Stage - I		30	70	Project	3
9	MC210	Aptitude & Reasoning	SE for LE	0	100	Practical	0
10	MC209	Python Programming	SE-1 for LE	0	100	Practical	0
EEE							
1	EE701PC	Power Semiconductor Drives		30	70	Theory	2
2	SM702MS	Fundamentals of Management for Engineers		30	70	Theory	3
3	EE711PE	Flexible AC Transmission Systems	PE-III	30	70	Theory	3
4	EE721PE	HVDC Transmission	PE-IV	30	70	Theory	3
5	CS700OE	Data Structures	OE - II	30	70	Theory	3
6	EE703PC	Electrical and Electronics Design Lab		30	70	Practical	1
7	EE704PC	Project Stage - I		30	70	Project	3
8	EE705PC	Industrial Oriented Mini Project/ Summer Internship		30	70	Project	2
9	EE706PC	Seminar		100	0	Practical	1
10	MC707EC	Introduction to ARDUINO		0	100	Practical	0
11	MC210	Aptitude & Reasoning	SE for LE	0	100	Practical	0
12	MC209	Python Programming	SE-1 for LE	0	100	Practical	0
MECH							
1	ME701PC	Refrigeration & Air Conditioning		30	70	Theory	3
2	ME711PE	Additive Manufacturing	PE-II	30	70	Theory	3
3	ME721PE	Power Plant Engineering	PE-III	30	70	Theory	3
4	ME733PE	Fluid Power Systems	PE-IV	30	70	Theory	3
5	CS700OE	Data Structures	OE - II	30	70	Theory	3
6	ME703PC	Industrial Oriented Mini Project/ Summer Internship		30	70	Project	2
7	ME705PC	Seminar		100	0	Practical	1
8	ME706PC	Project Stage - I		30	70	Project	3
9	MC210	Aptitude & Reasoning	SE for LE	0	100	Practical	0
10	MC209	Python Programming	SE-1 for LE	0	100	Practical	0
ECE							
1	EC701PC	Microwave and Optical Communications		30	70	Theory	3
2	EC711PE	Digital Image Processing	PE-III	30	70	Theory	3
3	EC722PE	Satellite Communications	PE-IV	30	70	Theory	3
4	CS703OE	Java Programming	OE - II	30	70	Theory	3
5	SM701MS	Professional Practice, Law& Ethics		30	70	Theory	2
6	EC703PC	Project Stage - I		30	70	Project	3
7	EC704PC	Microwave and Optical Communications Lab		30	70	Practical	1
8	EC705PC	Industrial Oriented Mini Project/ Summer Internship		30	70	Project	2
9	EC706PC	Seminar		100	0	Practical	1
10	MC210	Aptitude & Reasoning	SE for LE	0	100	Practical	0
11	MC209	Python Programming	SE-1 for LE	0	100	Practical	0
CSE							
1	CS701PC	Cryptography & Network Security		30	70	Theory	3
2	CS702PC	Data Mining		30	70	Theory	2
3	CS714PE	Cloud Computing	PE-IV	30	70	Theory	3
4	CS725PE	Software Process & Project Management	PE-V	30	70	Theory	3
5	CE700OE	Remote Sensing & GIS	OE - II	30	70	Theory	3
6	CS703PC	Cryptography & Network Security Lab		30	70	Practical	1
7	CS704PC	Industrial Oriented Mini Project/ Summer Internship		30	70	Project	2
8	CS705PC	Seminar		100	0	Practical	1
9	CS706PC	Project Stage - I		30	70	Project	3
10	MC210	Aptitude & Reasoning	SE for LE	0	100	Practical	0
11	MC209	Python Programming	SE-1 for LE	0	100	Practical	0

S NO	EXT EXAM CODE	NAME	Elective	INT MAX	EXT MAX	SUB TYPE	CREDITS
IT							
1	IT701PC	Information Security		30	70	Theory	3
2	CS702PC	Data Mining		30	70	Theory	2
3	CS714PE	Cloud Computing	PE-IV	30	70	Theory	3
4	IT724PE	Distributed Databases	PE-V	30	70	Theory	3
5	EC700OE	Electronic Sensors	OE - II	30	70	Theory	3
6	IT703PC	Information Security Lab		30	70	Practical	1
7	IT704PC	Industrial Oriented Mini Project/ Summer Internship		30	70	Project	2
8	IT705PC	Seminar		100	0	Practical	1
9	IT706PC	Project Stage - I		30	70	Project	3
10	MC210	Aptitude & Reasoning	SE for LE	0	100	Practical	0
11	MC209	Python Programming	SE-1 for LE	0	100	Practical	0
CSM							
1	CM701PC	Neural Networks & Deep Learning		30	70	Theory	3
2	CM702PC	Reinforcement Learning		30	70	Theory	2
3	CS714PE	Cloud Computing	PE-IV	30	70	Theory	3
4	CS715PE	Social Network Analysis	PE-V	30	70	Theory	3
5	CE701OE	Disaster Preparedness & Planning Management	OE - II	30	70	Theory	3
6	CM703PC	Deep Learning Lab		30	70	Practical	1
7	CM704PC	Industrial Oriented Mini Project/ Summer Internship		30	70	Project	2
8	CM705PC	Seminar		100	0	Practical	1
9	CM706PC	Project Stage - I		30	70	Project	3
10	MC210	Aptitude & Reasoning	SE for LE	0	100	Practical	0
11	MC209	Python Programming	SE-1 for LE	0	100	Practical	0
11	CM707PE	WEB SECURITY (2021 Batch)	PE-V	30	70	Theory	3
12	CE700OE	Remote Sensing&GIS (2021 Batch)	OE - II	30	70	Theory	3
CSD							
1	CD701PC	Predictive Analytics		30	70	Theory	3
2	CD702PC	Web and Social Media Analytics		30	70	Theory	2
3	CD713PE	Natural Language Processing	PE-IV	30	70	Theory	3
4	CD723PE	Data Science Applications	PE-V	30	70	Theory	3
5	CE700OE	Remote Sensing & GIS	OE - II	30	70	Theory	3
6	CD706PC	Web and Social Media Analytics Lab		30	70	Practical	1
7	CD707PC	Industrial Oriented Mini Project/ Summer Internship		30	70	Project	2
8	CD708PC	Seminar		100	0	Practical	1
9	CD709PC	Project Stage - I		30	70	Project	3
10	MC210	Aptitude & Reasoning	SE for LE	0	100	Practical	0
11	MC209	Python Programming	SE-1 for LE	0	100	Practical	0
CSO							
1	CO701PC	IoT Cloud Processing and Analytics		30	70	Theory	3
2	CO702PC	IoT Security		30	70	Theory	2
3	CO713PE	Augmented Reality and Virtual Reality	PE-IV	30	70	Theory	3
4	CO722PE	5G and IoT Technologies	PE-V	30	70	Theory	3
5	CE700OE	Remote Sensing and GIS	OE - II	30	70	Theory	3
6	CO706PC	IoT Security and Cloud Computing Lab		30	70	Practical	1
7	CO707PC	Industrial Oriented Mini Project/ Summer Internship		30	70	Project	2
8	CO708PC	Seminar		100	0	Practical	1
9	CO709PC	Project Stage - I		30	70	Project	3
10	MC210	Aptitude & Reasoning	SE for LE	0	100	Practical	0
11	MC209	Python Programming	SE-1 for LE	0	100	Practical	0

IV B. TECH II SEM SUBJECTS (ACE R20) (2021 Batch)

S NO	SYL CODE	REF CODE	NAME	ELECTIVE	INT MA X	EX T MA X	SUB TYPE	CRE DIT S
CIVIL								
1	ME800OE	NCSE	Non-Conventional Sources of Energy	Open Elective - III	30	70	Theory	3
2	CE813PE	AP	Air Pollution	Professional Elective - V	30	70	Theory	3
3	CE821PE	AR&W	Airports, Railways and Waterways	Professional Elective - VI	30	70	Theory	3
4	PS801PC	PS-II	Project Stage II		30	70	Project	7
EEE								
1	ME800OE	NCSE	Non-Conventional Sources of Energy	Open Elective - III	30	70	Theory	3
2	EE811PE	EHVACS	EHV AC Transmission Systems (2020 Batch)	Professional Elective - V	30	70	Theory	3
3	EE821PE	UEP	Utilization of Electric Power (2020 Batch)	Professional Elective - VI	30	70	Theory	3
4	PS801PC	PS-II	Project Stage II		30	70	Project	7
5	EE814PE	SEG	Smart Electric Grid (2021 Batch)	Professional Elective - V	30	70	Theory	3
6	EE822PE	HEV	Hybrid Electric Vehicles (2021 Batch)	Professional Elective - VI	30	70	Theory	3
MECH								
1	EC800OE	MI	Measuring Instruments (2020 Batch)	Open Elective - III	30	70	Theory	3
2	MM813PE	CM	Composite Materials	Professional Elective - V	30	70	Theory	3
3	ME821PE	IM	Industrial Management	Professional Elective - VI	30	70	Theory	3
4	PS801PC	PS-II	Project Stage II		30	70	Project	7
5	EE801OE	ESA	Energy Sources and Applications (2021 Batch)	Open Elective - III	30	70	Theory	3
ECE								
1	ME800OE	NCSE	Non-Conventional Sources of Energy	Open Elective - III	30	70	Theory	3
2	EC811PE	GNSS	Global Navigation Satellite Systems	Professional Elective - V	30	70	Theory	3
3	EC821PE	SOCA	System On Chip Architecture	Professional Elective - VI	30	70	Theory	3
4	PS801PC	PS-II	Project Stage II		30	70	Project	7
CSE								
1	SM801MS	OB	Organizational Behaviour		30	70	Theory	3
2	CE800OE	EIA	Environmental Impact Assessment	Open Elective - III	30	70	Theory	3
3	CS814PE	HCI	Human Computer Interaction	Professional Elective - VI	30	70	Theory	3
4	PS801PC	PS-II	Project Stage II		30	70	Project	7
IT								
1	SM801MS	OB	Organizational Behaviour		30	70	Theory	3
2	ME800OE	NCSE	Non-Conventional Sources of Energy	Open Elective - III	30	70	Theory	3
3	CS812PE	DS	Distributed Systems	Professional Elective - VI	30	70	Theory	3
4	PS801PC	PS-II	Project Stage II		30	70	Project	7
CSM								
1	SM801MS	OB	Organizational Behaviour		30	70	Theory	3
2	ME800OE	NCSE	Non-Conventional Sources of Energy	Open Elective - III	30	70	Theory	3
3	CM816PE	SVP	Speech and Video Processing (2020 Batch)	Professional Elective - VI	30	70	Theory	3
4	PS801PC	PS-II	Project Stage II		30	70	Project	7
5	AM862PE	RPA	Robotics Process Automation (2021 Batch)	Professional Elective - VI	30	70	Theory	3

S NO	SYL CODE	REF CODE	NAME	ELECTIVE	INT MA X	EX T MA X	SUB TYPE	CRE DIT S
CSD								
1	SM801MS	OB	Organizational Behaviour		30	70	Theory	3
2	ME800OE	NCSE	Non-Conventional Sources of Energy	Open Elective - III	30	70	Theory	3
3	CD812PE	WS	Web Security	Professional Elective - VI	30	70	Theory	3
4	PS801PC	PS-II	Project Stage II		30	70	Project	7
CSO								
1	SM801MS	OB	Organizational Behaviour		30	70	Theory	3
2	CE800OE	EIA	Environmental Impact Assessment	Open Elective - III	30	70	Theory	3
3	CO811PE	IIoT	Industrial IoT	Professional Elective - VI	30	70	Theory	3
4	PS801PC	PS-II	Project Stage II		30	70	Project	7