STRUCTURE OF THE SYLLABUS FOR 4 YEAR UG PROGRAMME

ROYAL SCHOOL OF ENGINEERING & TECHNOLOGY

B.Tech Civil Engineering

		SEMESTER 1
S. No.	Subject Code	Names of subjects
1	CHY022C101	Chemistry
2	CHY022C111	Chemistry Lab
3	MAT022C102	Mathematics - I
4	CEE022C103	Biology for Engineers
5	CSE022C104	Programming for Problem Solving
6	CSE022C114	Programming for Problem Solving Lab
7	MEE022C115	Manufacturing Workshop Practice
8	BHS022A101	Universal Human Values
9	CEE022S117	Sports and Yoga Lab/NSS
		TOTAL
		SEMESTER 2
S. No.	Subject Code	Names of subjects
1	PHY022C201	Physics
2	PHY022C211	Physics Lab
3	MAT022C202	Mathematics - II
4	CSE022C205	Basic Electrical Eng.
5	CSE022C215	Basic Electrical Eng. Lab
6	CEE022C204	Eng. Graphics & Design
7	CEE022C214	Eng. Graphics & Design Lab
8	CEN982A203	English for Technical Writing
9	COD022S216	Design Thinking
10	CEE022S217	Ideation Lab
		TOTAL
11	Honours (Optiona	al) [To be obtained through MOOCS]
11		CEMECTED 2
S. No.	Subject Code	SEMESTER 3 Names of subjects
1	CEE022C301	Engineering & Solid Mechanics
2	CEE022C311	Engineering & Solid Mechanics Lab
3	CEE022C303	Building Planning & CAD
4	CEE022CC313	Building Planning & CAD Building Planning & CAD Lab
5	CEE022CC313	Fluid Mechanics
6	CEE022C304 CEE022C314	Fluid Mechanics Lab
	CEE022C314 CEE022C305	
7	CEE022C303	Concrete Technology

8	CEE022C315	Concrete T	echnology Lab
9	MAT022C306		cs for Civil Engineering
10	IKS022C305	IKS-I	5 5
		TOTAL	
11		Honors/M	inor (Optional) [To be obtained through MOOCS/ SWAYAM]
			SEMESTER 4
S. No.	Subjec	et Code	Names of subjects
1	CEE022C401		Structural Analysis
2	CEE022C402		Hydraulic Engineering
3	CEE022C412		Hydraulic Engineering Lab
4	CEE022C403		Transportation Engineering
5	CEE022C413		Transportation Engineering Lab
6	CEE022C404		Surveying and Geomatics
7	CEE022C414		Surveying and Geomatics Lab
8	CEE022C405		Construction Engineering & Management
9	CEE022C406		Geotechnical Engineering
10	CEE022C416		Geotechnical Engineering Lab
			TOTAL
11			Honors/Minor (Optional) [To be obtained through MOOCS/
			SEMESTER 5
S. No.	Subjec	et Code	Names of subjects
1	CEE022C501		Design of RCC Structures
2	CEE022C502		Environmental Engineering
3	CEE022C512		Environmental Engineering Lab
4	CEE022C503		Engineering Economics, Estimation & Costing
5	CEE022C513		Engineering Economics, Estimation & Costing Lab
6	CEE022C504		Hydrology & Water Resource Engineering
7	CEE022C505		Program elective I
8	CEE022M505		Open Elective
			TOTAL
9			Honors/Minor (Optional) [To be obtained through MOOCS/
			SEMESTER 6
S. No.		et Code	Names of subjects
1	CEE022C601		Design of Steel Structures
2	CEE022C602		Intelligent Transportation Systems Sustainable & Green Construction
3	CEE022C603 CEE022D60X		
5	CEE022D60X CEE022D60X		Program Elective- 2(Basket) Program Elective- 3(Basket)
6	XX(OEC)		Open Elective (Basket Course)
U	AA(OLC)		TOTAL
7			Honors/Minor (Optional) [To be obtained through MOOCS/S
	•		SEMESTER 7
S. No.	Subjec	et Code	Names of subjects
1	CEE022C70X		Robotics and Automation
2	CEE022D60X		Program Elective- 4(Basket)
3	CEE022D60X		Program Elective- 5(Basket)
4	CEE022D60X		Program Elective- 6(Basket)
5	CEE022D60X		Program Elective- 7(Basket)
6	CEE022070X		MD Open elective
7	CEE022C721		Minor Project
	ĺ		TOTAL

8		Honors/Minor (Optional) [To be obtained through MOOCS/ S
		SEMESTER 8
S. No.	Subject Code	Names of subjects
1	CEE022C801	INTERNSHIP
2	CEE022C802	Major Project
		TOTAL
3		Honors/Minor (Optional) [To be obtained through MOOCS/ S

TOTAL CREDITS (1st-8th Semester):167

STRUCTURE OF THE SYLLABUS FOR 2 YEAR PG PROGRAMME

ROYAL SCHOOL OF ENGINEERING & TECHNOLOGY

M.TECH in Structural Engineering

		1 st Semester	
S. N	Subject Code	Names of subjects	Credit
1	CEE024C10S1	Advanced Structural Analysis	4
2	CEE024C10S2	Continuum Mechanics	4
3	CEE024C10S3	Structural Dynamics	4
4	CEE024C10S4	Numerical Methods	4
5	CEE024C10S5	Disaster Management	1
6	CEE024C11S6	Structural Engineering Lab	1
7	CEE024D10S1	Elective-I	3
8	CEE024D10S2	Elective-II	3
		TOTAL	24
	•	2 nd Semester	
SN	Subject Code	Names of subjects	Credit
1	CEE024C20S1	Finite Element Method	4
2	CEE024C20S2	Computer Aided Analysis & Design of Structures	4
3	CEE024C20S3	Earthquake Engineering	4
4	CEE024C20S4	Research Methodology & IPR	2
5	CEE024D20S1	Elective-III	3
6	CEE024D20S2	Elective-IV	3
7	CEN984A201	English for Research Paper Writing	1
		TOTAL	21

	3 rd Semester						
SN Subject Code Names of subjects Credit							
1	CEE024C32S2	Dissertation (Phase-I) & Presentation	14				
4	CEE024D30S1	Elective-V	3				
5	CEE024S30S1	Repair & Retrofitting of Structures	3				
		4 th Semester	1				
		TOTAL	20				
SN	Subject Code	Names of subjects	Credit				
1	CEE024C42S1	Dissertation (Phase-II) & Presentation	18				
2	CEE024C42S2	Publication of Technical Papers	1				
		TOTAL	19				

SEMESTER	CREDITS
I	24
II	21
III	20
IV	19

Elective-I (Theory of Structural Stability)

Elective-II (Analysis & Design of Bridges)

Elective-III (Design of High-Rise Structures / Advanced Steel Design)

Elective-IV (Advanced Structural Design)

Elective-V (Design of Prestressed Concrete Structures)

STRUCTURE OF THE SYLLABUS FOR 2 YEAR PG PROGRAMME

ROYAL SCHOOL OF ENGINEERING & TECHNOLOGY

M.TECH in Water Resources Development & Management (WRDM) Engineering

		1 st Semester	
S. N	Subject Code	Names of subjects	Credit
1	CEE024C10W1	Advanced Hydrology	4
2	CEE024C10W2	Advanced Hydraulic Engineering	4
3	CEE024C10W3	Watershed Conservation and Management	4
4	CEE024C10W4	Numerical Methods	4
5	CEE024C10W5	Disaster Management	1
6	CEE024C11W6	Hydrology Lab	1
		Department Specific Elective (DSE)	
7	CEE024D10W1	Elective-I (Fluvial Hydraulics)	3
8	CEE024D10W2	Elective-II (Climate Change Vulnerability assessment)	3
		TOTAL	24
		2 nd Semester	
SN	Subject Code	Names of subjects	Credit
1	CEE024C20W1	Principles of Water Quality and EIA	4
2	CEE024C20W2	Ground Water Engineering	4
3	CEE024C20W3	Systems Analysis in Water Resources	4
4	CEE024C20W4	Research Methodology & IPR	2
	-	Department Specific Elective (DSE)	
5	CEE024D20W1	Elective-III (Theory and Applications of GIS)	3
6	CEE024D20W2	Elective-IV (Environmental Impact Assessment of Water Resource Projects)	3
7	CEN984A201	English for Research Paper Writing	1
		TOTAL	21

	3 rd Semester				
SN	Subject Code	Names of subjects	Credit		
1	CEE024C32W2	Dissertation (Phase-I) & Presentation	14		
2	CEE024D30W1	Elective-V (Urban Water Resources Management)	3		
3	CEE024S30W1	Waste to Energy	3		
		TOTAL	20		
		4 th Semester			
SN	Subject Code	Names of subjects	Credit		
1	CEE024C42S1	Dissertation (Phase-II) & Presentation	18		
2	CEE024C42S2	Publication of Technical Papers	1		
		TOTAL	19		

STRUCTURE OF THE SYLLABUS FOR 4 YEAR UG PROGRAMME

ROYAL SCHOOL OF ENGINEERING & TECHNOLOGY

B.Tech Electronics and Communications

	1st Semester					
S. No.	Subject Code	Names of subjects	L	T	P	C
1	PHY022C101	Physics	3	0	0	3
2	PHY022C111	Physics Lab	0	0	2	1
3	MAT022C102	Mathematics – I	3	1	0	4
4	ECE022C103	Basic Electrical Engineering	2	1	0	3
5	ECE022C103	Basic Electrical Engineering Lab	0	0	2	1
4	CEE022C104	Engineering Graphics & Design	3	0	2	4
5	ECE022C105	Design Thinking	0	0	2	1
5	ECE022S106	IDEA Lab Workshop	0	0	2	1
6	CEN022A201	English for Technical Writing	2	0	2	3
		TOTAL	13	2	12	21
7		Honors/Minor (Optional) [To be obtained through MOOCS/ SWAYAM]	0	0	0	3
		2 nd Semester				
S. No.	Subject Code	Names of subjects	L	T	P	C
1	CHY022C201	Chemistry	3	0	0	3
2	CHY022C211	Chemistry Lab	0	0	2	1
3	MAT022C202	Mathematics – II	3	1	0	4
4	ECE022C203	Biology for Engineers	3	0	0	3
5	CSE022C204	Programming for Problem Solving	2	0	0	2
6	CSE022C214	Programming for Problem Solving Lab	0	0	4	2
7	MEE022C215	Workshop/Manufacturing Practices	0	0	4	2
8	BHS022A201	Universal Human Values	2	1	0	3
9	ECE022S216	Sports and Yoga	0	0	2	1
		TOTAL	13	2	12	21
10		Honors/Minor (Optional) [To be obtained through MOOCS/ SWAYAM]	0	0	0	3
3 rd Semester						
C						
S. No.	Subject Code	Names of subjects	L	T	P	C

2	ECE022C311	Electronic Devices Lab	0	0	2	1
3	ECE022C311 ECE022C302	Digital System Design	3	0	0	3
4	ECE022C302 ECE022C312	Digital System Design Lab	0	0	2	1
5	ECE022C312 ECE022C303	Signals and Systems	3	0	0	3
6	ECE022C304	Network Theory	3	0	0	3
7	ECE022C305	Probability Theory and Stochastic Processes	2	1	0	3
8	IKS992K301	Indian Knowledge System-I	2	0	0	2
9	ECE022C306	Measurement and Instrumentation	3	0	0	3
		TOTAL	19	1	4	22
10		Honors/Minor (Optional) [To be obtained				
10		through MOOCS/ SWAYAM]	0	0	0	3
		4 th Semester				
S.	Subject Code	Names of subjects	L	Т	P	\mathbf{C}
No.	,	·				
1	ECE022C401	Analog Circuits	3	0	0	3
2	ECE022C411	Analog Circuits Lab	0	0	2	1
3	ECE022C402	Microcontrollers	3	0	0	3
4	ECE022C412	Microcontrollers Lab	0	0	2	1
5	ECE022C403	Analog and Digital Communication	3	0	0	3
6	ECE022C413	Analog and Digital Communication Lab	0	0	2	1
7	ECE022C424	Micro Project	0	0	4	2
8	MAT022C405	Numerical Techniques	2	0	2	3
9	BSA022C406	Organizational Behaviour	3	0	0	3
		TOTAL	14	0	12	20
10		Honors/Minor (Optional) [To be obtained	0	0	0	3
10	through MOOCS/ SWAYAM]					
10				U	U	<u> </u>
		5 th Semester				
S. No.	Subject Code		L	T	P	C
S.	Subject Code ECE022C501	5 th Semester				
S. No.	,	5 th Semester Names of subjects	L	T	P	C
S. No.	ECE022C501	5 th Semester Names of subjects Digital Signal Processing	L 3	T	P 0	C
S. No. 1	ECE022C501 ECE022C511	5 th Semester Names of subjects Digital Signal Processing Digital Signal Processing Lab	L 3 0	T 1 0	P 0 2	C 4
S. No. 1 2 3	ECE022C501 ECE022C511 ECE022C502	5 th Semester Names of subjects Digital Signal Processing Digital Signal Processing Lab Electromagnetic Waves	L 3 0 3	T 1 0 1	P 0 2 0	C 4 1 4
S. No. 1 2 3 4	ECE022C501 ECE022C511 ECE022C502 ECE022C503	5 th Semester Names of subjects Digital Signal Processing Digital Signal Processing Lab Electromagnetic Waves Computer Architecture	L 3 0 3 3	T 1 0 1 0	P 0 2 0 0 0	C 4 1 4 3
S. No. 1 2 3 4 5	ECE022C501 ECE022C511 ECE022C502 ECE022C503 ECE022C504	Sth Semester Names of subjects Digital Signal Processing Digital Signal Processing Lab Electromagnetic Waves Computer Architecture Control Systems	L 3 0 3 3 3 3	T 1 0 1 0 0 0	P 0 2 0 0 0 0	C 4 1 4 3 3
S. No. 1 2 3 4 5 6	ECE022C501 ECE022C511 ECE022C502 ECE022C503 ECE022C504 ECE022C514	Sth Semester Names of subjects Digital Signal Processing Digital Signal Processing Lab Electromagnetic Waves Computer Architecture Control Systems Control Systems Lab	L 3 0 3 3 3 0	T 1 0 1 0 0 0 0	P 0 2 0 0 0 0 2	C 4 1 4 3 3 3 1
S. No. 1 2 3 4 5 6 6	ECE022C501 ECE022C501 ECE022C502 ECE022C503 ECE022C504 ECE022C514 ECE022C505	Sth Semester Names of subjects Digital Signal Processing Digital Signal Processing Lab Electromagnetic Waves Computer Architecture Control Systems Control Systems Lab Embedded Systems	L 3 0 3 3 3 0 3 3	T 1 0 1 0 0 0 0	P 0 2 0 0 0 0 2 0 0	C 4 1 4 3 3 1 3
S. No. 1 2 3 4 5 6 6 7	ECE022C501 ECE022C501 ECE022C502 ECE022C503 ECE022C504 ECE022C514 ECE022C505	Sth Semester Names of subjects Digital Signal Processing Digital Signal Processing Lab Electromagnetic Waves Computer Architecture Control Systems Control Systems Lab Embedded Systems Embedded Systems Lab TOTAL Honors/Minor (Optional) [To be obtained	L 3 0 3 3 3 0 3 0 15	T 1 0 1 0 0 0 0 0 2	P 0 2 0 0 0 2 0 2 6	C 4 1 4 3 3 1 20
S. No. 1 2 3 4 5 6 6	ECE022C501 ECE022C501 ECE022C502 ECE022C503 ECE022C504 ECE022C514 ECE022C505	Names of subjects Digital Signal Processing Digital Signal Processing Lab Electromagnetic Waves Computer Architecture Control Systems Control Systems Lab Embedded Systems Embedded Systems Lab TOTAL Honors/Minor (Optional) [To be obtained through MOOCS/ SWAYAM]	L 3 0 3 3 3 0 3 0 3 0	T 1 0 1 0 0 0 0 0 0	P 0 2 0 0 0 2 0 2 0 2	C 4 1 4 3 3 1 3 1 1
S. No. 1 2 3 4 5 6 6 7 8	ECE022C501 ECE022C501 ECE022C502 ECE022C503 ECE022C504 ECE022C514 ECE022C505	Sth Semester Names of subjects Digital Signal Processing Digital Signal Processing Lab Electromagnetic Waves Computer Architecture Control Systems Control Systems Lab Embedded Systems Embedded Systems Lab TOTAL Honors/Minor (Optional) [To be obtained	L 3 0 3 3 3 0 3 0 15	T 1 0 1 0 0 0 0 0 2	P 0 2 0 0 0 2 0 2 6	C 4 1 4 3 3 1 20
S. No. 1 2 3 4 5 6 6 7	ECE022C501 ECE022C501 ECE022C502 ECE022C503 ECE022C504 ECE022C514 ECE022C515 Subject Code	Names of subjects Digital Signal Processing Digital Signal Processing Lab Electromagnetic Waves Computer Architecture Control Systems Control Systems Lab Embedded Systems Embedded Systems Embedded Systems Lab TOTAL Honors/Minor (Optional) [To be obtained through MOOCS/ SWAYAM] 6th Semester Names of subjects	L 3 0 3 3 3 0 15 0	T 1 0 1 0 0 0 0 0 2 0 T	P 0 2 0 0 0 2 0 2 6 0 P	C 4 1 4 3 3 1 20 3 C
S. No. 1 2 3 4 5 6 6 7 8 S. No. 1 1	ECE022C501 ECE022C501 ECE022C502 ECE022C503 ECE022C504 ECE022C514 ECE022C505 ECE022C515	Names of subjects Digital Signal Processing Digital Signal Processing Lab Electromagnetic Waves Computer Architecture Control Systems Control Systems Lab Embedded Systems Embedded Systems Embedded Systems Lab TOTAL Honors/Minor (Optional) [To be obtained through MOOCS/ SWAYAM] 6th Semester Names of subjects Computer Networks	L 3 0 3 3 3 0 15 0 L 3	T 1 0 1 0 0 0 0 0 2 0 T 0	P 0 2 0 0 2 0 2 6 0 P 0	C 4 1 4 3 3 1 20 3 C 3
S. No. 1 2 3 4 5 6 6 7 8 S. No. 1 2 2	ECE022C501 ECE022C501 ECE022C502 ECE022C503 ECE022C504 ECE022C514 ECE022C515 Subject Code ECE022C601 ECE022C611	Names of subjects Digital Signal Processing Digital Signal Processing Lab Electromagnetic Waves Computer Architecture Control Systems Control Systems Lab Embedded Systems Embedded Systems Embedded Systems Lab TOTAL Honors/Minor (Optional) [To be obtained through MOOCS/ SWAYAM] 6th Semester Names of subjects Computer Networks Computer Networks Lab	L 3 0 3 3 3 0 15 0 L 3 0	T 1 0 1 0 0 0 0 0 2 0 T 0 0	P 0 2 0 0 2 6 0 P 0 2	C 4 1 4 3 3 1 20 3 1 C 3 1
S. No. 1 2 3 4 5 6 6 7 8 S. No. 1 2 3 3	ECE022C501 ECE022C501 ECE022C502 ECE022C503 ECE022C504 ECE022C514 ECE022C515 Subject Code ECE022C601 ECE022C601 ECE022C602	Names of subjects Digital Signal Processing Digital Signal Processing Lab Electromagnetic Waves Computer Architecture Control Systems Control Systems Lab Embedded Systems Embedded Systems Embedded Systems Lab TOTAL Honors/Minor (Optional) [To be obtained through MOOCS/ SWAYAM] 6th Semester Names of subjects Computer Networks Computer Networks Lab VLSI Design	L 3 0 3 3 0 3 0 15 0 L 3 0 3	T 1 0 1 0 0 0 0 0 2 0 T 0 0 0 0	P 0 2 0 0 P 0 2 0 0 0 0 0 0 0 0 0 0 0 0	C 4 1 4 3 3 1 20 3 C 3 1 3 1 3
S. No. 1 2 3 4 5 6 6 7 8 S. No. 1 2 3 4 4	ECE022C501 ECE022C501 ECE022C502 ECE022C503 ECE022C504 ECE022C514 ECE022C505 ECE022C515 Subject Code ECE022C601 ECE022C601 ECE022C602 ECE022C612	Names of subjects Digital Signal Processing Digital Signal Processing Lab Electromagnetic Waves Computer Architecture Control Systems Control Systems Lab Embedded Systems Embedded Systems Embedded Systems Lab TOTAL Honors/Minor (Optional) [To be obtained through MOOCS/ SWAYAM] 6 th Semester Names of subjects Computer Networks Computer Networks Lab VLSI Design VLSI Design Lab	L 3 0 3 3 0 3 0 15 0 L 3 0 3 0	T 1 0 0 0 0 0 0 2 0 T 0 0 0 0 0 0 0 0 0 0 0	P 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0	C 4 1 4 3 3 1 20 3 1 3 1 3 1 3 1 3 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
S. No. 1 2 3 4 5 No. 1 2 3 4 5 5	ECE022C501 ECE022C501 ECE022C502 ECE022C503 ECE022C504 ECE022C514 ECE022C515 Subject Code ECE022C601 ECE022C601 ECE022C602 ECE022C603	Names of subjects Digital Signal Processing Digital Signal Processing Lab Electromagnetic Waves Computer Architecture Control Systems Control Systems Lab Embedded Systems Embedded Systems Embedded Systems Lab TOTAL Honors/Minor (Optional) [To be obtained through MOOCS/ SWAYAM] 6th Semester Names of subjects Computer Networks Computer Networks Lab VLSI Design VLSI Design Lab Mobile Communication and Networks	L 3 0 3 3 0 3 0 15 0 L 3 0 3 0 3 0 3 0 3 0 3 0 3 0 3 0 3	T 1 0 0 0 0 0 2 0 T 0 0 0 0 0 0 0 0 0 0 0 0	P 0 2 0 0 2 0 0 2 0 0 2 0 0 2 0 0 0 0 0	C 4 1 4 3 3 1 20 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3
S. No. 1 2 3 4 5 6 6 7 8 S. No. 1 2 3 4 4	ECE022C501 ECE022C501 ECE022C502 ECE022C503 ECE022C504 ECE022C514 ECE022C505 ECE022C515 Subject Code ECE022C601 ECE022C601 ECE022C602 ECE022C612	Names of subjects Digital Signal Processing Digital Signal Processing Lab Electromagnetic Waves Computer Architecture Control Systems Control Systems Lab Embedded Systems Embedded Systems Embedded Systems Lab TOTAL Honors/Minor (Optional) [To be obtained through MOOCS/ SWAYAM] 6 th Semester Names of subjects Computer Networks Computer Networks Lab VLSI Design VLSI Design Lab	L 3 0 3 3 0 3 0 15 0 L 3 0 3 0	T 1 0 0 0 0 0 0 2 0 T 0 0 0 0 0 0 0 0 0 0 0	P 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0	C 4 1 4 3 3 1 20 3 1 3 1 3 1 3 1 3 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

8	ECE022C627	Mini Project	0	0	6	3
		TOTAL	15	0	10	20
9		Honors/Minor (Optional) [To be obtained through MOOCS/ SWAYAM]	0	0	0	3
		7 th Semester				
S. No.	Subject Code	Names of subjects	L	Т	P	C
1	ECE022C701	Intellectual Property Rights	3	0	0	3
2	ECE022D701	Program Elective-2	3	0	0	3
3	ECE022D601	Program Elective-3	3	0	0	3
4	ECE022G702	Open Elective-2	3	0	0	3
5	ECE022G703	Open Elective-3	3	0	0	3
6	CSE022C725	Internship	0	0	4	2
7	CSE022C726	Seminar	0	0	2	1
		TOTAL	15	0	6	18
8		Honors/Minor (Optional) [To be obtained through MOOCS/ SWAYAM]	0	0	0	3
		8 th Semester				
S. No.	Subject Code	Names of subjects	L	Т	P	C
1	ECE022C801	Program Elective-4	3	0	0	4
2	ECE022G802	Open Elective-4	3	0	0	4
4	ECE022C823	Project	0	0	24	12
		TOTAL	6	0	24	18
5		Honors/Minor (Optional) [To be obtained through MOOCS/ SWAYAM]	0	0	0	3
	ТОТ	TAL CREDITS (I, II, III, IV, V, VI, VII, VIII):				160

Annexure I

Semester-wise Credit Distribution

Semester	Credit
I	21
II	21
III	22
IV	20
V	20
VI	20
VII	18
VII	18

Annexure II

Program Elective	Course Codes	Subjects
Program Elective-I	ECE022D60A1	Microwave Theory and Techniques
	ECE022D60B1	Fiber Optic Communications
	ECE022D60C1	Information Theory and Coding
	ECE022D60D1	Digital Audio Processing
	ECE022D60E1	Introduction to MEMS
Program Elective-II	ECE022D70A1	Adaptive Signal Processing
	ECE022D70B1	Antennas and Propagation
	ECE022D70C1	Bio-Medical Electronics
	ECE022D70D1	Advanced Mobile Communications
	ECE022D70E1	Digital Image Processing
Program Elective-III	ECE022D70A2	Mixed Signal Design
	ECE022D70B2	Wireless Sensor Networks
	ECE022D70C2	Power Electronics
	ECE022D70D2	Satellite Communication
	ECE022D70E1	High Speed Electronics
Program Elective-IV	ECE022D80A1	Nanoelectronics
	ECE022D80B1	Data Structures
	ECE022D80C1	Internet of Things
	ECE022D80D1	Cyber Security
	ECE022D80E1	Machine Learning