

GOVERNMENT POLYTECHNIC PUNE
DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING
Curriculum Structure -180(OB)

LEVEL-1 (Foundation Level Courses) (ALL COMPULSARY)

R.NO	COURSE CODE	COURSE	PREREQUISITE	Credits				Theory		Practical		Total	CLASS DECLARATION
				TH	PR	TUT	TOTAL	ESE	PA	ESE	PA		
1	HU1101	Communication Skill-I		2	0	1	3	40	10	25	25	100	N
2	HU1102	Communication Skill-II	HU1101	2	0	1	3	40	10	0	50	100	N
3	SC1101	Applied Maths -I		3	0	2	5	80	20	0	25	125	N
4	SC1102	Applied Maths -II	SC1101	3	0	2	5	80	20	0	25	125	N
5	SC1104	Engg Physics		3	2	0	5	80	20	25	25	150	N
6	SC1105	Engg Chemistry		3	2	0	5	80	20	25	25	150	N
Subtotal				16	4	6	26	400	100	75	175	750	

LEVEL-2(Core Technology Courses)
Group A (ALL COMPULSARY)

SR. NO.	COURSE	PREREQUISITE	Credits				Theory		Practical		Total	CLASS DECLARATION	
			TH	PR	TUT	TOTAL	ESE	PA	ESE	PA			
1	ET2101	Basic Electronics Engineering	SC1104	4	2	0	6	80	20	25	50	175	N
2	CM2102	Fundamental of ICT		1	2	0	3	0	0	25	25	50	N
3	EE2103	Fundamental of Electrical Engg		3	2	0	5	80	20	25	25	150	N
4	ET2102	C language Programming	CM2102	3	2	1	6	80	20	25	50	175	N
5	ET2103	Electronic workshop		1	4	0	5	0	0	25	50	75	N
6	ME2104	Engineering Graphics		2	2	0	4	0	0	0	50	50	N
Subtotal				14	14	1	29	240	60	125	250	675	

LEVEL-2(Core Technology Courses)

Group B (Either sr.no. 1 OR sr.no.2 &3)

1	ET2104	Industrial Measurment	ET2101	4	2	0	6	80	20	25	25	150	N
2	SC2104	Advance mathematics -I		2	0	1	3	40	10		25	75	N
3	SC2105	Advance mathematics -II		2	0	1	3	40	10		25	75	N
Subtotal				4	2	2	6	80	20	25	25	150	

Either sr.no. 1 **OR** sr.no.2 &3

LEVEL-3 Basic Technology Courses (ALL COMPULSARY)

SR. NO.		COURSE		Credits				Theory		Practical		Total	CLASS DECLARATION
				TH	PR	TUT	TOTAL	ESE	PA	ESE	PA		
1	ET3102	Electronic Circuits & Networks		3	2	1	6	80	20	25	25	150	N
2	ET3103	Applied Electronics	ET2101 & L1	4	4	0	8	80	20	50	25	175	# Y
3	ET3104	Electronic Instrumentation		2	2	0	4	40	10	25	25	100	N
4	ET3105	Principles of communication	L1	4	2	0	6	80	20	25	25	150	# Y
5	ET3106	Linear Integrated Circuits	ET2101	3	2	1	6	80	20	25	25	150	N
6	ET3107	Power Electronics	ET2101	3	2	0	5	80	20	25	25	150	N
7	ET3108	Digital Electronics		3	2	1	6	80	20	25	25	150	N
8	ET3109	Microcontroller & Application	ET3108 & L1	4	4	0	8	80	20	50	25	175	# Y
Subtotal				26	20	3	49	600	150	250	200	1200	

LEVEL-4(A)- Auxiliary Courses

SR. NO.	COURSE CODE	COURSE NAME		Credits				Theory		Practical		Total	CLASS DECLARATION	
				TH	PR	TUT	TOTAL	ESE	PA	ESE	PA			
1	AU4101	Environmental Science	0	0	2	0	2	0	0	0	50	50	N	Compulsory
2	AU4102	Renewable Energy Technologies	0	2	0	0	2	40	10	0	0	50	N	
3	AU4103	Engineering Economics	0	2	0	0	2	40	10	0	0	50	N	
	AU4104	Ethical Sources and Sustainability	0	2	0	0	2	40	10	0	0	50	N	
4	AU4105	Digital Marketing	0	0	2	0	2	0	0	25	25	50	N	
Subtotal				2	2	0	4	40	10	0	50	100		

LEVEL-4(B)- Management Level Courses

SR. NO.	COURSE CODE	COURSE		Credits				Theory		Practical		Total	CLASS DECLARATION	
				TH	PR	TUT	TOTAL	ESE	PA	ESE	PA			
1	MA 4101	Entrepreneurship & Startups		2	0	0	2	40	10	0	0	50	N	Compulsory
2	MA 4102	Industrial Organisation and Management	0	2	0	0	2	40	10	0	0	50	N	
3	MA 4103	Materials Management	0	2	0	0	2	40	10	0	0	50	N	
4	MA 4104	Disaster Mangement	0	2	0	0	2	40	10	0	0	50	N	
5	MA 4105	Introdcuton to E-commerce	0	2	0	0	2	40	10	0	0	50	N	
6	MA 4106	Information Management	0	2	0	0	2	40	10	0	0	50	N	
Subtotal				4	0	0	4	80	20	0	0	100		

LEVEL-4(C) Applied Technology Courses (ALL COMPULSARY)

SR. NO.	COURSE CODE	COURSE	Credits				Theory		Practical		Total	CLASS DECLARATION	
			TH	PR	TUT	TOTAL	ESE	PA	ESE	PA			
1	ET4101	Industry Inplant Training		6		6	0	0	50	50	100	N	
3	ET4102	Project	90 credits &L1	0	4	0	4	0	0	50	50	100	# Y
2	ET4103	Seminar	90 credits &L1	0	2	0	2	0	0	25	25	50	Y
4	ET4104	Maintenance of Eletronics & EDA Tools	ET2103	0	4	0	4	0	0	50	50	100	N
5	ET4105	Consumer Electronics		3	2	0	5	80	20	25	25	150	N
6	ET4106	Basics of Internet of Things	L1	3	2	0	5	80	20	25	25	150	# Y
8	ET4107	Digital Communication	ET3105 &L1	3	2	0	5	80	20	25	25	150	# Y
9	ET4108	Mobile & Wireless Communicati	ET4107 &L1	4	2	0	6	80	20	25	25	150	# Y
10	ET4109	Instumentation & Control	ET3104 &L1	3	2	1	6	80	20	25	25	150	# Y
11	CM4104	Professional Practice I		0	2	0	2	0	0	0	50	50	N
12	CM4105	Professional Practice II		0	2	0	2	0	0	0	50	50	N
Subtotal				16	30	1	47	400	100	300	400	1200	

LEVEL-5 (Diversified Courses)

SR NO.	COURSE		Credits				Theory		Practical		Total	CLASS DECLARA TION	
			TH	PR	TUT	TOTAL	ESE	PA	ESE	PA			
GROUP A -Elective I (any one)													
1	ET5101	Embedded Systems	ET3109 &L1	3	2	0	5	80	20	25	25	150	# Y
2	ET5102	Robotics	ET3109,ET4109	3	2	0	5	80	20	25	25	150	# Y
3	ET5103	Fiber Optic Communication	ET3105&L1	3	2	0	5	80	20	25	25	150	# Y
GROUP B -Elective II (any one)													
4	ET5104	ComputerNetworking and Data Communication	CM2102 &L1	3	2	0	5	80	20	25	25	150	# Y
5	ET5105	Industrial Automation	ET4109&L1	3	2	0	5	80	20	25	25	150	# Y
7	ET5106	VLSI Technology	ET3108 &L1	3	2	0	5	80	20	25	25	150	# Y
GROUP C -Elective III (any one)													
7	ET5107	Microwave & Radar Communication	ET3105	3	2	0	5	80	20	25	25	150	N
6	ET5106	Satellite Communication	ET3105	3	2	0	5	80	20	25	25	150	N
8	ET5108	Biomedical Instrumentation	ET3104	3	2	0	5	80	20	25	25	150	N
Subtotal				9	6	0	15	240	60	75	75	450	

L1-Level 1 courses

External Practical/Oral

Credits				Theory		Practical		Total
TH	PR	TUT	TOTAL	ESE	PA	ESE	PA	
91	76	13	180	2080	520	850	1175	4625
								1550

C.D.

TH:PR		
CREDITS	50.56	49.44
MARKS	56.22	43.78

TOTAL NO OF COURSES	40
TOTAL NO OF DIPLOMA AWARDING COURSES	11
TOTAL NO OF COURSES WITH THEORY EXAM	31

Head Of Department

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION
QFD SAMPLE PATH (REGULAR) 180(OB) for SHIFT I

Semester	Course Code	Name of Course	Prerequisite	TH	PR	TU	CREDITS
1	HU1101	Communication Skill I (CS-I)		2		1	3
	SC1104	Engineering Physics(EPHY)		3	2		5
	SC1101	Applied Mathematics I(M1)		3	2		5
	ME2104	Engineering Graphics(EG)		2	2		4
	ET2103	Electronics workshop(EWS)		1	4		5
	AU4101	Environment Science(EVS)		0	2		2
	CM 2102	Fundamentals of Information and Communication Technology(ICT)		1	2		3
CREDITS							27
2	HU1102	Communication Skill II (CS-II)	HU1101	2		1	3
	SC1105	Engineering Chemistry(ECHE)		3	2		5
	SC1102	Applied Mathematics II(M2)	SC1101	3	2		5
	ET2102	C language Programming (CLP)	CM 2102	3	2	1	6
	ET2101	Basic Electronics Engineering (BTX)	SC1104	4	2		6
	EE2103	Fundamental of Electrical Engineering(FEE)		3	2		5
	CM4104	Professional Practice I(PP1)		0	2	0	2
CREDITS							32
3	SC2104	Advance Mathematics I(AMI)	SC1102	2	0	1	3
	ET3104	Electronic Instrumentation (EI)	ET2103	2	2		4
	ET3103	Applied Electronics(AETX)	ET2101	4	4		8
	ET3108	Digital Electronics (DE)		3	2	1	6
	ET3102	Electronic Circuits and Network(ECN)		3	2	1	6
	ET3105	Principles of Communication(POC)		4	2		6
CREDITS							33
4	SC2105	Advance Mathematics II(AMII)	SC1102	2	0	1	3
	ET3107	Power Electronics(PE)	ET2101	3	2		5
	ET3106	Linear Integrated Circuits(LIC)	ET2101	3	2	1	6
	ET3109	Microcontroller Fundamentals(MCF)	ET3108	4	4		8
	ET4105	Consumer Electronics(CEL)		3	2		5
	CM4105	Professional Practice-II(PP2)		0	2	0	2
CREDITS							29
			LEVEL1 A & LEVEL2 TERM GRANT				
	ET4101	Industry Inplant Training		0	6		6
5	AU4102	Renewable Energy Technologies (4A)(RSEM)		2	0		2
	ET4104	Maintainance of Eletronics & EDA Tools (MED)	ET2103	0	4		4
	ET4109	Instrumentation and Control systems (I&C)	ET3104	3	2	1	6
	ET4107	Digital Communication(DCO)	ET3105	3	2		5
	MA4104	Entrepreneureship & Startup (EDP)		2	0		2
	ET5101/2/3	Elective-I from Group A	ET3105/ ET3109	3	2		5
	ET4103	Seminar	90 Credits	0	2		2
CREDITS							32
6	ET4106	Internet of Things(IoT)		3	2		5
	ET5104/5/6	Elective-II from Group B	ET4109/ ET3108/ CM2102	3	2		5
	ET4108	Mobile & Wireless Communication	ET4107	4	2		6
	MA 410	Any 1 management course from group 4B		2	0		2
	ET5107/8/9	Elective-III from group C	ET3105 /ET3104	3	2		5
	ET4102	Project	90 Credits, Level 1	0	4		4
CREDITS							27
TOTAL CREDITS							180

SEMESTER 5 IS EFFECTIVELY OF 26 CREDITS

Head Of Department

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION
QFD SAMPLE PATH (REGULAR) 180(OB) for SHIFT II

Semester	Course Code	Name of Course	Prerequisite	TH	PR	TU	CREDITS
1	HU1101	Communication Skill I (CS-I)		2		1	3
	SC1104	Engineering Physics(EPHY)		3	2		5
	SC1101	Applied Mathematics I(M1)		3	2		5
	ME2104	Engineering Graphics(EG)		2	2		4
	ET2103	Electronics workshop(EWS)		1	4		5
	AU4101	Environment Science(EVS)		0	2		2
	CM 2102	Fundamentals of Information and Communication Technology(ICT)		1	2		3
CREDITS							27
2	HU1102	Communication Skill II (CS-II)	HU1101	2		1	3
	SC1105	Engineering Chemistry(ECHE)		3	2		5
	SC1102	Applied Mathematics II(M2)	SC1101	3	2		5
	ET2102	C language Programming (CLP)	CM 2102	3	2	1	6
	ET2101	Basic Electronics Engineering (BTX)	SC1104	4	2		6
	ET3104	Electronic Instrumentation(EI)	ET2103	2	2		4
	CM4104	Professional Practice I(PP1)		0	2	0	2
CREDITS							31
3	SC2104	Advance Mathematics I(AM1)	SC1102	2	0	1	3
	EE2103	Fundamental of Electrical Engineering(FEE)		3	2		5
	ET3103	Applied Electronics(AETX)	ET2101	4	4		8
	ET3108	Digital Electronics (DE)		3	2	1	6
	ET3102	Electronic Circuits and Network(ECN)		3	2	1	6
	ET3105	Principles of Communication(POC)		4	2		6
CREDITS							34
4	SC2105	Advance Mathematics II(AMII)	SC1102	2	0	1	3
	ET3107	Power Electronics(PE)	ET2101	3	2		5
	ET3106	Linear Integrated Circuits(LIC)	ET2101	3	2	1	6
	ET3109	Microcontroller Fundamentals(MCF)	ET3108	4	4		8
	ET4105	Consumer Electronics(CEL)		3	2		5
	CM4105	Professional Practice-II(PP2)		0	2	0	2
CREDITS							29
			LEVEL1 A & LEVEL2 TERM GRANT				
	ET4101	Industry Inplant Training		0	6		6
5	AU4102	Renewable Energy Technologies (4A)(RSEM)		2	0		2
	ET4104	Maintainance of Eletronics & EDA Tools (MED)	ET2103	0	4		4
	ET4109	Instrumentation and Control systems (I&C)	ET3104	3	2	1	6
	ET4107	Digital Communication(DCO)	ET3105	3	2		5
	MA4104	Entrepreneuship & Startup (EDP)		2	0		2
	ET5101/2/3	Elective-I from Group A	ET3109	3	2		5
	ET4103	Seminar	90 Credits	0	2		2
CREDITS							32
	ET4106	Internet of Things(IoT)		3	2		5
	ET5104/5/6	Elective-II from Group B	ET4109/ ET3108/ CM2102	3	2		5
	ET4108	Mobile & Wireless Communication	ET4107	4	2		6
	MA 410	Any I management course from group 4B		2	0		2
	ET5107/8/9	Elective-III from group C	ET3105 /ET3104	3	2		5
	ET4102	Project	90 Credits, Level 1	0	4		4
CREDITS							27
TOTAL CREDITS							180

SEMESTER 5 IS EFFECTIVELY OF 26 CREDITS

Head Of Department

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DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION
SAMPLE PATH (DSY) 180(OB) for SHIFT I

Semester	Course Code	Name of Course	Prerequisite	TH	PR	TU	CREDITS	
1	HU1101	Communication Skill I (CS-I)		2		1	3	EXEMPTION
	SC1104	Engineering Physics (EPHY)		3	2		5	EXEMPTION
	SC1101	Applied Mathematics I (M1)		3	2		5	EXEMPTION
	ME2104	Engineering Graphics (EG)		2	2		4	EXEMPTION
	ET2103	Electronics workshop (EWS)		1	4		5	EXEMPTION
	AU4101	Environment Science (EVS)		0	2		2	EXEMPTION
	CM 2102	Fundamentals of Information and Communication Technology (ICT)		1	2		3	EXEMPTION
CREDITS							27	
2	HU1102	Communication Skill II (CS-II)	HU1101	2		1	3	EXEMPTION
	SC1105	Engineering Chemistry (ECHE)		3	2		5	EXEMPTION
	SC1102	Applied Mathematics II (M2)	SC1101	3	2		5	EXEMPTION
	ET2102	C language Programming (CLP)	CM 2102	3	2	1	6	EXEMPTION
	ET2101	Basic Electronics Engineering (BTX)	SC1104	4	2		6	EXEMPTION
	EE2103	Fundamental of Electrical Engineering (FEE)		3	2		5	EXEMPTION
	CM4104	Professional Practice I (PP1)		0	2	0	2	EXEMPTION
CREDITS							32	
3	SC2104	Advance Mathematics I (AM1)	SC1102	2	0	1	3	
	ET3104	Electronic Instrumentation (EI)	ET2103	2	2		4	
	ET3103	Applied Electronics (AETX)	ET2101	4	4		8	
	ET3108	Digital Electronics (DE)		3	2	1	6	
	ET3102	Electronic Circuits and Network (ECN)		3	2	1	6	
	ET3105	Principles of Communication (POC)		4	2		6	
CREDITS							33	
4	SC2105	Advance Mathematics II (AMII)	SC1102	2	0	1	3	
	ET3107	Power Electronics (PE)	ET2101	3	2		5	
	ET3106	Linear Integrated Circuits (LIC)	ET2101	3	2	1	6	
	ET3109	Microcontroller Fundamentals (MCF)	ET3108	4	4		8	
	ET4105	Consumer Electronics (CEL)		3	2		5	
	CM4105	Professional Practice-II (PP2)		0	2	0	2	
CREDITS							29	
			LEVEL1 A & LEVEL2 TERM GRANT					
	ET4101	Industry Inplant Training		0	6		6	
5	AU4102	Renewable Energy Technologists (4A) (RSEM)		2	0		2	
	ET4104	Maintenance of Electronics & EDA Tools (MED)	ET2103	0	4		4	
	ET4109	Instrumentation and Control systems (I&C)	ET3104	3	2	1	6	
	ET4107	Digital Communication (DCO)	ET3105	3	2		5	
	MA4104	Entrepreneurship & Startup (EDP)		2	0		2	
	ET5101/2/3	Elective-I from Group A	ET3105/ ET3109	3	2		5	
	ET4103	Seminar	90 Credits	0	2		2	
CREDITS							32	
6	ET4106	Internet of Things (IoT)		3	2		5	
	ET5104/5/6	Elective-II from Group B	ET4109/ ET3108/ CM2102	3	2		5	
	ET4108	Mobile & Wireless Communication	ET4107	4	2		6	
	MA 410	Any 1 management course from group 4B		2	0		2	
	ET5107/8/9	Elective-III from group C	ET3105 /ET3104	3	2		5	
	ET4102	Project	90 Credits, Level 1	0	4		4	
CREDITS							27	
TOTAL CREDITS							180	

SEMESTER 5 IS EFFECTIVELY OF 26 CREDITS

Head Of Department

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION
SAMPLE PATH (DSY) 180(OB) for SHIFT II

Semester	Course Code	Name of Course	Prerequisite	TH	PR	TU	CREDITS	
1	HU1101	Communication Skill I (CS-I)		2		1	3	EXEMPTION
	SC1104	Engineering Physics (EPHY)		3	2		5	EXEMPTION
	SC1101	Applied Mathematics I (M1)		3	2		5	EXEMPTION
	ME2104	Engineering Graphics (EG)		2	2		4	EXEMPTION
	ET2103	Electronics workshop (EWS)		1	4		5	EXEMPTION
	AU4101	Environment Science (EVS)		0	2		2	EXEMPTION
	CM 2102	Fundamentals of Information and Communication Technology (ICT)		1	2		3	EXEMPTION
CREDITS							27	
2	HU1102	Communication Skill II (CS-II)	HU1101	2		1	3	EXEMPTION
	SC1105	Engineering Chemistry (ECHE)		3	2		5	EXEMPTION
	SC1102	Applied Mathematics II (M2)	SC1101	3	2		5	EXEMPTION
	ET2102	C language Programming (CLP)	CM 2102	3	2	1	6	EXEMPTION
	ET2101	Basic Electronics Engineering (BTX)	SC1104	4	2		6	EXEMPTION
	ET3104	Electronic Instrumentation (EI)	ET2103	2	2		4	To be offered to DSY at ENTRY LEVEL in 3rd semester
	CM4104	Professional Practice I (PP1)		0	2	0	2	EXEMPTION
CREDITS							31	
3	SC2104	Advance Mathematics I (AM1)	SC1102	2	0	1	3	
	EE2103	Fundamental of Electrical Engineering (FEE)		3	2		5	EXEMPTION
	ET3103	Applied Electronics (AETX)	ET2101	4	4		8	
	ET3108	Digital Electronics (DE)		3	2	1	6	
	ET3102	Electronic Circuits and Network (ECN)		3	2	1	6	
	ET3105	Principles of Communication (POC)		4	2		6	
CREDITS							34	
4	SC2105	Advance Mathematics II (AMII)	SC1102	2	0	1	3	
	ET3107	Power Electronics (PE)	ET2101	3	2		5	
	ET3106	Linear Integrated Circuits (LIC)	ET2101	3	2	1	6	
	ET3109	Microcontroller Fundamentals (MCF)	ET3108	4	4		8	
	ET4105	Consumer Electronics (CEL)		3	2		5	
	CM4105	Professional Practice-II (PP2)		0	2	0	2	
CREDITS							29	
	ET4101	Industry Inplant Training	A & LEVEL2 TERM GRANT	0	6		6	
5	AU4102	Renewable Energy Technologies (4A) (RSEM)		2	0		2	
	ET4104	Maintenance of Electronics & EDA Tools (MED)	ET2103	0	4		4	
	ET4109	Instrumentation and Control systems (I&C)	ET3104	3	2	1	6	
	ET4107	Digital Communication (DCO)	ET3105	3	2		5	
	MA4104	Entrepreneurship & Startup (EDP)		2	0		2	
	ET5101/2/	Elective-I from Group A	ET3109	3	2		5	
	ET4103	Seminar	90 Credits	0	2		2	
CREDITS							32	
	ET4106	Internet of Things (IoT)		3	2		5	
	ET5104/5/	Elective-II from Group B	ET4109/ ET3108/ CM2102	3	2		5	
	ET4108	Mobile & Wireless Communication	ET4107	4	2		6	
	MA 410	Any 1 management course from group 4B		2	0		2	
	ET5107/8/	Elective-III from group C	ET3105 /ET3104	3	2		5	
	ET4102	Project	90 Credits, Level 1	0	4		4	
CREDITS							27	
TOTAL CREDITS							180	

SEMESTER 5 IS EFFECTIVELY OF 26 CREDITS

Head Of Department

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION
DSY EXEMPTIONS OFFERED -180 OB

Semester	Course Code	Name of Course	Prerequisite	TH	PR	TU	CREDIT S
1	HU1101	Communication Skill I (CS-I)		2		1	3
	SC1104	Engineering Physics(EPHY)		3	2		5
	SC1101	Applied Mathematics I(M1)		3	2		5
	ME2104	Engineering Graphics(EG)		2	2		4
	ET2103	Electronics workshop(EWS)		1	4		5
	AU4101	Environment Science(EVS)		0	2		2
	CM 2102	Fundamentals of Information and Communication Technology(ICT)		1	2		3
CREDITS							27
2	HU1102	Communication Skill II (CS-II)	HU1101	2		1	3
	SC1105	Engineering Chemistry(ECHE)		3	2		5
	SC1102	Applied Mathematics II(M2)	SC1101	3	2		5
	ET2102	C language Programming (CLP)	CM 2102	3	2	1	6
	ET2101	Basic Electronics Engineering (BTX)	SC1104	4	2		6
	EE2103	Fundamental of Electrical Engineering(FEE)		3	2		5
	CM4104	Professional Practice I(PP1)		0	2	0	2
CREDITS							32

59
TOTAL CREDITS EXEMPTED

Head Of Department

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION							
QFD SAMPLE PATH (PART_TIME)							
Semester	Course Code	Name of Course	Prerequisite	TH	PR	TU	CREDITS
1	HU1101	Communication Skill I		2		1	3
	SC1104	Engineering Physics		3	2		5
	SC1101	Applied Mathematics I		3	2		5
	ME2104	Engineering Graphics		2	2		4
	AU4101	Environment Science		0	2		2
	CM2102	Information and Communication Technology		1	2		3
CREDITS							22
2	HU1102	Communication Skill II	HU1101	2		1	3
	SC1105	Engineering Chemistry		3	2		5
	SC1102	Applied Mathematics II	SC1101	3	2		5
	ET2101	Basic Electronics Engineering		4	2		6
	ET2103	Electronics workshop		1	4		5
CREDITS							24
3	EE2103	Fundamental of Electrical Engineering		3	2		5
	ET2102	C language Programming	CM2102	3	2	1	6
	ET3103	Applied Electronics	ET2101	4	4		8
	ET3104	Electronic Instrumentation	ET2103	2	2		4
CREDITS							23
	AU4102	Management		2	0	1	3
4	ET3105	Principles of Communication		4	2		6
	ET3108	Digital Electronics		3	2	1	6
	CM4104	Professional Practice I		0	2	0	2
	ET2104	Industrial Measurement		4	2	0	6
CREDITS							23
5	ET3102	Electronic Circuits and Network		3	2	1	6
	ET3107	Power Electronics	ET2101	3	2		5
	ET3109	Microcontroller & Applications	ET3108	4	4		8
	ET4104	EDA Tools	ET2103	0	4		4
CREDITS							23
6	ET3106	Linear Integrated Circuits	ET2101	3	2	1	6
	ET4105	Consumer Electronics		3	2		5
	ET4109	Instrumentation and Control systems	ET3104	3	2	1	6
	CM4105	Professional Practice II		0	2	0	2
CREDITS							19
7	ET4101	# Industry Inplant Training		0	6		6
	ET4108	Digital Communication	ET3105	3	2		5
	ET4106	Internet of Things		3	2		5
	ET5101/2/3	Elective-I from group A	ET3105/ET3109	3	2		5
	AU4101	Entrepreneurship Development		2	0		2
	ET4103	Seminar	90 CREDITS	0	2		2
CREDITS							19
8	MA	Any 1 management course from group 4B		2			2
	ET5104/5/6	Elective-II from Group B	ET4109/ET3108/CM2102	3	2		5
	ET4104	Wireless and Mobile Communication		3	2		5
	ET5107/8/9	Elective-III from group C	ET3105/ET3104	3	2		5
	ET4102	Project		0	4		4
CREDITS							21
TOTAL CREDITS							180

#PTD students are exempted from this course

Head Of Department

