

**STUDY & EVALUATION SCHEME**  
**DIPLOMA- ELECTRONICS & COMMUNICATION ENGINEERING**  
**I YEAR: I SEMESTER**

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
<b>THEORY</b>									
1	DMA1001	Basic Mathematics	4	1	-	40	60	100	4
2	DPH1001/DCY1001	Physics/Chemistry	4	1	-	40	60	100	4
3	DHU1001	English	2	1	-	40	60	100	2
4	DCS1001/DEE1001	Computer Fundamentals/Fundamental of Electrical and Electronics Engg.	3	-	-	40	60	100	3
5	DES1001	Environmental Studies (Chemistry Group)	2	-	-	20	30	50	2
<b>PRACTICAL/TRAINING/PROJECT</b>									
7	DPH1501/DCY1501	Physics/Chemistry Lab	-	-	2	80	20	100	1
8	DHU1501	English Lab	-	-	2	100	-	100	1
9	DCS1501/DEE1501	Computer Fundamentals/Fundamental of Electrical and Electronics Engg. Lab	-	-	2	80	20	100	1
10	DME1501	Basic Workshop Practice	-	-	4	80	20	100	2
11	DME1502	Engineering Graphics Lab	-	-	4	80	20	100	2
<b>TOTAL</b>			<b>15</b>	<b>3</b>	<b>14</b>	<b>600</b>	<b>350</b>	<b>950</b>	<b>22</b>

L - Lecture  
T - Tutorial  
P - Practical  
CIE - Continuous Internal Evaluation  
ESE- End Semesters Exam  
C - Credit

**DIPLOMA- ELECTRONICS & COMMUNICATION ENGINEERING  
I YEAR: II SEMESTER**

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
<b>THEORY</b>									
1	DMA2001	Engineering Mathematics	4	1	-	40	60	100	4
2	DPH2001/DCY2001	Physics/Chemistry	4	1	-	40	60	100	4
3	DCS2001/DEE2001	Computer Fundamentals/Fundamental of Electrical and Electronics Engg.	3	-	-	40	60	100	3
4	DME2002	Engineering Mechanics	3	1	-	40	60	100	3
5	DHU2002	Communication Skills	2	1	-	40	60	100	2
6	DES2001	Environmental Studies (Physics Group)	2	-	-	20	30	50	2
<b>PRACTICAL/TRAINING/PROJECT</b>									
7	DPH2501/DCY2501	Physics/Chemistry Lab	-	-	2	80	20	100	1
8	DCS2501/DEE2501	Computer Fundamentals/Fundamental of Electrical and Electronics Engg. Lab	-	-	2	80	20	100	1
9	DME2503	Engineering Mechanics Lab	-	-	2	80	20	100	1
10	DHU2502	Communication Skills Lab	-	-	2	100	-	100	1
11	DME2501	Workshop Practice (Group Wise)	-	-	4	80	20	100	2
12	DME2502	Engineering Graphics Lab (CAD Portion)	-	-	4	80	20	100	2
<b>TOTAL</b>			<b>18</b>	<b>4</b>	<b>16</b>	<b>720</b>	<b>430</b>	<b>1150</b>	<b>26</b>

L - Lecture  
T - Tutorial  
P - Practical  
CIE - Continuous Internal Evaluation  
ESE- End Semesters Exam  
C - Credit

**DIPLOMA- ELECTRONICS & COMMUNICATION ENGINEERING  
II YEAR: III SEMESTER**

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
<b>THEORY</b>									
1	DMA3001	Applied Mathematics	4	1	-	40	60	100	4
2	DEE3002	Electric Circuits and Networks	3	1	-	40	60	100	3
3	DEE3003	Electrical Measurements	3	-	-	40	60	100	3
4	DEC3003	Principle of Communication	3	1	-	40	60	100	3
5	DEC3002	Basic Electronics	3	1	-	40	60	100	3
<b>PRACTICAL/TRAINING/PROJECT</b>									
6	DEC3503	Principle of Communication Lab	-	-	2	80	20	100	1
7	DEC3504	Electronics Workshop Lab	-	-	4	80	20	100	2
8	DEE3502	Electric Circuits and Networks Lab	-	-	2	80	20	100	1
9	DEE3503	Electrical Measurements Lab	-	-	2	80	20	100	1
10	DEC3501	Professional Practices-I	-	-	2	100	-	100	1
11	DEC3502	Basic Electronics Lab	-	-	2	80	20	100	1
<b>TOTAL</b>			<b>16</b>	<b>4</b>	<b>14</b>	<b>700</b>	<b>400</b>	<b>1100</b>	<b>23</b>
<b>ADDITIONAL SUBJECT FOR LATERAL ENTRY</b>									
12	DME3506	Engineering Graphics Lab (CAD Portion)	-	-	4	80	20	100	2
<b>TOTAL</b>			<b>16</b>	<b>4</b>	<b>18</b>	<b>780</b>	<b>420</b>	<b>1200</b>	<b>25</b>

L - Lecture  
T - Tutorial  
P - Practical  
CIE - Continuous Internal Evaluation  
ESE- End Semesters Exam  
C - Credit

**DIPLOMA- ELECTRONICS & COMMUNICATION ENGINEERING  
II YEAR: IV SEMESTER**

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
<b>THEORY</b>									
1	DCS4006	Computer Programming in C	3	-	-	40	60	100	3
2	DEC4001	Electronic Drives and Circuits	3	1	-	40	60	100	3
3	DEC4002	Digital Electronics	3	1	-	40	60	100	3
4	DEC4003	Network Filters and Transmission Lines	3	-	-	40	60	100	3
5	DEC4004	Communication Systems	3	1	-	40	60	100	3
<b>PRACTICAL/TRAINING/PROJECT</b>									
6	DCS4507	Computer Programming in C Lab	-	-	2	80	20	100	1
7	DEC4501	Electronic Drives and Circuits Lab	-	-	2	80	20	100	1
8	DEC4502	Digital Electronics Lab	-	-	2	80	20	100	1
9	DEC4503	Network Filters and Transmission Lines Lab	-	-	2	80	20	100	1
10	DEC4504	Communication Systems Lab	-	-	2	80	20	100	1
11	DSS4501	Soft Skill	-	-	2	100	-	100	1
12	DEC4505	Professional Practices-II	-	-	2	100	-	100	1
<b>TOTAL</b>			<b>15</b>	<b>3</b>	<b>14</b>	<b>800</b>	<b>400</b>	<b>1200</b>	<b>22</b>
<b>ADDITIONAL SUBJECT FOR LATERAL ENTRY</b>									
13	DMA4001	Engineering Mathematics	4	1	0	40	60	100	4
<b>TOTAL</b>			<b>19</b>	<b>4</b>	<b>14</b>	<b>840</b>	<b>460</b>	<b>1300</b>	<b>26</b>

L - Lecture

T - Tutorial

P - Practical

CIE - Continuous Internal Evaluation

ESE- End Semesters Exam

C - Credit

**STUDY & EVALUATION SCHEME  
DIPLOMA- ELECTRONICS & COMMUNICATION ENGINEERING**

### III YEAR: V SEMESTER

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
<b>THEORY</b>									
1	DEC5005	Microprocessors and Microcontrollers	3	-	-	40	60	100	3
2	DEC5002	Microwave Engineering	3	1	-	40	60	100	3
3	DEC5003	Electronics Instruments and Control	3	1	-	40	60	100	3
4	DEC5004	Modern Communication System	3	-	-	40	60	100	3
5	-----	Elective-I	3	1	-	40	60	100	3
<b>PRACTICAL/TRAINING/PROJECT</b>									
6	DEC5506	Microprocessors and Microcontrollers Lab	-	-	2	80	20	100	1
7	DEC5502	Microwave Engineering Lab	-	-	2	80	20	100	1
8	DEC5503	Electronics Instruments and Control Lab	-	-	2	80	20	100	1
9	DEC5504	Modern Communication System Lab	-	-	2	80	20	100	1
10	DEC5508	Industrial Training and Project			2	100	-	100	1
11	DSS5501	Soft Skill	-	-	2	100	-	100	1
12	-----	Elective-I Lab	-	-	2	80	20	100	1
<b>TOTAL</b>			<b>15</b>	<b>3</b>	<b>14</b>	<b>800</b>	<b>400</b>	<b>1200</b>	<b>22</b>

L - Lecture

T - Tutorial

P - Practical

CIE - Continuous Internal Evaluation

ESE- End Semesters Exam

C - Credit

**DIPLOMA- ELECTRONICS & COMMUNICATION ENGINEERING  
III YEAR: VI SEMESTER**

S. NO.	SUBJECT CODE	SUBJECT	L	T	P	CIE	ESE	TOTAL	C
<b>THEORY</b>									
1	DMG6002	Industrial Management and Entrepreneurship Development	3	-	-	40	60	100	3
2	DCS6004	Data Communication and Computer Networks	3	-	-	40	60	100	3
3	DEC6001	Embedded Systems	3	-	-	40	60	100	3
4	DEC6003	Audio and Video Engineering	3	-	-	40	60	100	3
5	-----	Elective-II	3	1	-	40	60	100	3
<b>PRACTICAL/TRAINING/PROJECT</b>									
6	DEC6501	Embedded Systems Lab	-	-	2	80	20	100	1
7	DEC6503	Audio and Video Engineering Lab	-	-	2	80	20	100	1
8	DEC6505	Professional Practices-III	-	-	2	100	-	100	1
10	DEC6506	Project			12	80	20	100	6
11	DSS5501	Soft Skill	-	-	2	100	-	100	1
12	-----	Elective-II Lab	-	-	2	80	20	100	1
<b>TOTAL</b>			<b>15</b>	<b>1</b>	<b>20</b>	<b>620</b>	<b>380</b>	<b>1000</b>	<b>25</b>

L - Lecture  
T - Tutorial  
P - Practical  
CIE - Continuous Internal Evaluation  
ESE- End Semesters Exam  
C - Credit

## LIST OF ELECTIVES

S.NO.	SUBJECT CODE	SUBJECT
<b>ELECTIVE-I (V SEMESTER)</b>		
	<b>THEORY CODE</b>	
1	DEC5101	Digital Signal Processing
2	DEC5102	VLSI
3	DCS5106	Personal Computer Organization
	<b>PRACTICAL CODE</b>	
1	DEC5701	Digital Signal Processing Lab
2	DEC5702	VLSI Lab
3	DCS5706	Personal Computer Organization Lab
<b>ELECTIVE-II (VI SEMESTER)</b>		
	<b>THEORY CODE</b>	
1	DEC6101	Television Engineering
2	DBT6101	Bio-Medical Instrumentation
3	DEE6105	Power Electronics
	<b>PRACTICAL CODE</b>	
1	DEC6701	Television Engineering Lab
2	DBT6701	Bio-Medical Instrumentation Lab
3	DEE6705	Power Electronics Lab