

# EIILM UNIVERSITY,SIKKIM

## DIPLOMA IN ELECTRONICS & COMMUNICATION ENGINEERING

No of Credits-(96)

### SEMESTER-1(16 Credits)

S.NO	CODE	SUBJECT	No of Credits
1	DECE-101	APPLIED MATHEMATICS-I	2
2	DECE-102	PHYSICS	2
3	DECE-103	CHEMISTRY	2
4	DECE-104	FUNDAMENTALS OF IT	2
5	DECE-105	COMMUNICATION TECHNIQUES	2
6	DECE-106	PHYSICS LAB	2
7	DECE-107	CHEMISTRY LAB	2
8	DECE-108	COMMUNICATION TECHNIQUES LAB	2
			TOTAL-16

### SEMESTER-2( 16 Credits)

S.NO	CODE	SUBJECT	No of Credits
1	DECE-201	APPLIED MATHEMATICS-II	2
2	DECE-202	BASIC MECHANICAL ENGINEERING	2
3	DECE-203	BASIC ELECTRICAL ENGINEERING	2
4	DECE-204	BASIC ELECTRONICS	2
5	DECE-205	ENGINEERING DRAWING	2
6	DECE-206	ENGINEERING DRAWING LAB	2
7	DECE-207	MECHANICAL WORKSHOP	2
8	DECE-208	ELECTRICAL & ELECTRONIC WORKSHOP	2
			TOTAL-16

### SEMESTER-3( 16 Credits)

S.NO	CODE	SUBJECT	No of Credits
1	DECE-301	APPLIED MATHEMATICS-III	2
2	DECE-302	ELECTRONIC COMPONENTS & MATERIALS	2
3	DECE-303	BASIC ELECTRONIC CIRCUITS & DEVICES	2
4	DECE-304	ELECTRIC MACHINES	2
5	DECE-305	FUNDAMENTALS OF COMPUTER PROGRAMMING	2
6	DECE-306	COMPUTER APPLICATION LAB	2
7	DECE-307	ELECTRICAL MACHINES LAB	2

8	DECE-308	BASIC ELECTRONIC CIRCUITS & DEVICES LAB	2
			TOTAL-16

<b>SEMESTER-4(16 Credits)</b>			
<b>S.NO</b>	<b>CODE</b>	<b>SUBJECT</b>	<b>No of Credits</b>
1	DECE-401	ELECTRONIC MEASUREMENTS & INSTRUMENTATIONS	2
2	DECE-402	DIGITAL ELECTRONICS	2
3	DECE-403	NETWORK THEORY	2
4	DECE-404	LINEAR INTEGRATED CIRCUITS	2
5	DECE-405	LINEAR CONTROL SYSTEMS	2
6	DECE-406	ELECTRONIC MEASUREMENTS & INSTRUMENTATIONS LAB	2
7	DECE-407	DIGITAL ELECTRONICS LAB	2
8	DECE-408	CONTROL SYSTEM LAB	2
			TOTAL-16

<b>SEMESTER-5(16 Credits)</b>			
<b>S.NO</b>	<b>CODE</b>	<b>SUBJECT</b>	<b>No of Credits</b>
1	DECE-501	INTRODUCTION TO MICROPROCESSOR	2
2	DECE-502	PRINCIPLE OF COMMUNICATION ENGINEERING	2
3	DECE-503	INDUSTRIAL ELECTRONICS	2
4	DECE-504	ELECTRONIC DESIGN & FABRICATION TECHNIQUES	2
5	DECE-505	INDUSTRIAL MANAGEMENT	2
6	DECE-506	MICROPROCESSOR LAB	2
7	DECE-507	PRINCIPLE OF COMMUNICATION LAB	2
8	DECE-508	INDUSTRIAL ELECTRONICS LAB	2
			TOTAL-16

<b>SEMESTER-6(16 Credits)</b>			
<b>S.NO</b>	<b>CODE</b>	<b>SUBJECT</b>	<b>No of Credits</b>
1	DECE-601	COMMUNICATION SYSTEMS	2
2	DECE-602	TV ENGINEERING	2
3	DECE-603	PRINCIPLE OF MICROWAVE ENGINEERING	2
4	DECE-604	COMPUTER ARCHITECTURE & ORGANIZATION	2
5	DECE-605	MICROWAVE LAB	2
6	DECE-606	PROJECT/INDUSTRIAL TRAINING	6
			TOTAL-16

# EIILM UNIVERSITY,SIKKIM

## DIPLOMA IN ELECTRICAL ENGINEERING

No of Credits-(96)

SEMESTER-1 (16 Credits)			
S.NO	CODE	SUBJECT	No of Credits
1	DEE-101	APPLIED MATHEMATICS-I	2
2	DEE-102	PHYSICS	2
3	DEE-103	CHEMISTRY	2
4	DEE-104	FUNDAMENTALS OF COMPUTER	2
5	DEE-105	COMMUNICATION TECHNIQUES	2
6	DEE-106	PHYSICS LAB	2
7	DEE-107	CHEMISTRY LAB	2
8	DEE-108	COMMUNICATION TECHNIQUES LAB	2
			TOTAL-16

SEMESTER-2 (16 Credits)			
S.NO	CODE	SUBJECT	No of Credits
1	DEE-201	APPLIED MATHEMATICS-II	2
2	DEE-202	BASIC MECHANICAL ENGINEERING	2
3	DEE-203	BASIC ELECTRICAL ENGINEERING	2
4	DEE-204	BASIC ELECTRONICS	2
5	DEE-205	ENGINEERING DRAWING	2
6	DEE-206	ENGINEERING DRAWING PRACTICE	2
7	DEE-207	MECHANICAL WORKSHOP	2
8	DEE-208	ELECTRICAL & ELECTRONIC WORKSHOP	2
			TOTAL-16

SEMESTER-3 (16 Credits)			
S.NO	CODE	SUBJECT	No of Credits
1	DEE-301	APPLIED MATHEMATICS-III	2
2	DEE-302	ELECTRICAL ENGINEERING MATERIALS	2
3	DEE-303	BASIC ELECTRONIC CIRCUITS & DEVICES	2
4	DEE-304	ELECTRIC MACHINES	2
5	DEE-305	FUNDAMENTALS OF COMPUTER PROGRAMMING	2
6	DEE-306	COMPUTER APPLICATION LAB	2

7	DEE-307	ELECTRICAL MACHINES LAB-I	2
8	DEE-308	BASIC ELECTRONIC CIRCUITS & DEVICES LAB	2
			TOTAL-16

<b>SEMESTER-4 (16 Credits)</b>			
<b>S.NO</b>	<b>CODE</b>	<b>SUBJECT</b>	<b>No of Credits</b>
1	DEE-401	ELECTRONIC MEASUREMENTS & INSTRUMENTATIONS	2
2	DEE-402	DIGITAL ELECTRONICS	2
3	DEE-403	NETWORK THEORY	2
4	DEE-404	POWER SYSTEM ENGINEERING	2
5	DEE-405	LINEAR CONTROL SYSTEMS	2
6	DEE-406	ELECTRONIC MEASUREMENTS & INSTRUMENTATION LAB	2
7	DEE-407	DIGITAL ELECTRONICS LAB	2
8	DEE-408	CONTROL SYSTEM LAB	2
			TOTAL-16

<b>SEMESTER-5 (16 Credits)</b>			
<b>S.NO</b>	<b>CODE</b>	<b>SUBJECT</b>	<b>No of Credits</b>
1	DEE-501	DESIGN & MAINTENANCE OF ELECTRICAL MACHINES	2
2	DEE-502	POWER ELECTRONICS	2
3	DEE-503	TRANSMISSION & DISTRIBUTION OF ELECTRICAL POWER	2
4	DEE-504	INDUSTRIAL MANAGEMENT	2
5	DEE-505	ELECTRICAL ENGINEERING DRAWING	2
6	DEE-506	ELECTRICAL MACHINES LAB-II	2
7	DEE-507	TRANSMISSION & DISTRIBUTION OF POWER LAB	2
8	DEE-508	POWER ELECTRONICS LAB	2
			TOTAL-16

<b>SEMESTER-6 (16 Credits)</b>			
<b>S.NO</b>	<b>CODE</b>	<b>SUBJECT</b>	<b>No of Credits</b>
1	DEE-601	POWER PLANT ENGINEERING	2
2	DEE-602	TELEMETRY & TELECONTROL	2
3	DEE-603	UTILIZATION OF POWER	2
4	DEE-604	MICROPROCESSOR	2
5	DEE-605	MICROPROCESSOR LAB	2
6	DEE-606	PROJECT/INDUSTRIAL TRAINING	6
			TOTAL-16

# EIILM UNIVERSITY,SIKKIM

## DIPLOMA IN MECHANICAL ENGINEERING

No of Credits-(96)

### SEMESTER-1 (16 Credits)

S.NO	CODE	SUBJECT	No of Credits
1	DME-101	APPLIED MATHEMATICS-I	2
2	DME-102	PHYSICS	2
3	DME-103	CHEMISTRY	2
4	DME-104	FUNDAMENTALS OF COMPUTER	2
5	DME-105	COMMUNICATION TECHNIQUES	2
6	DME-106	PHYSICS LAB	2
7	DME-107	CHEMISTRY LAB	2
8	DME-108	COMMUNICATION TECHNIQUES LAB	2
			TOTAL-16

### SEMESTER-2 (16 Credits)

S.NO	CODE	SUBJECT	No of Credits
1	DME-201	APPLIED MATHEMATICS-II	2
2	DME-202	BASIC MECHANICAL ENGINEERING	2
3	DME-203	BASIC ELECTRICAL ENGINEERING	2
4	DME-204	BASIC ELECTRONICS	2
5	DME-205	MECHANICAL ENGINEERING DRAWING-I	2
6	DME-206	MECHANICAL ENGINEERING DRAWING PRACTICE -I	2
7	DME-207	MECHANICAL WORKSHOP	2
8	DME-208	ELECTRICAL & ELECTRONIC WORKSHOP	2
			TOTAL-16

<b>SEMESTER-3 (16 Credits)</b>			
<b>S.NO</b>	<b>CODE</b>	<b>SUBJECT</b>	<b>No of Credits</b>
1	DME-301	ENGINEERING MECHANICS	2
2	DME-302	INDUSTRIAL COMBUSTION ENGINES	2
3	DME-303	ELECTRICAL MACHINES	2
4	DME-304	MATERIAL SCIENCE	2
5	DME-305	MACHINE DRAWING	2
6	DME-306	ENGINEERING MECHANICS LAB	2
7	DME-307	ELECTRICAL MACHINES LAB	2
8	DME-308	INDUSTRIAL COMBUSTION ENGINES LAB	2
			TOTAL-16

<b>SEMESTER-4 (16 Credits)</b>			
<b>S.NO</b>	<b>CODE</b>	<b>SUBJECT</b>	<b>No of Credits</b>
1	DME-401	THERMODYNAMICS	2
2	DME-402	WORKSHOP TECHNOLOGY	2
3	DME-403	INSTRUMENTATION TECHNIQUES	2
4	DME-404	STRENGTH OF MATERIALS	2
5	DME-405	MECHANICAL ENGINEERING DRAWING -II	2
6	DME-406	STRENGTH OF MATERIALS LAB	2
7	DME-407	WORKSHOP TECHNOLOGY LAB	2
8	DME-408	INSTRUMENTATION TECHNIQUES LAB	2
			TOTAL-16

<b>SEMESTER-5 (16 Credits)</b>			
<b>S.NO</b>	<b>CODE</b>	<b>SUBJECT</b>	<b>No of Credits</b>
1	DME-501	AUTOMOBILE ENGINEERING	2
2	DME-502	PRODUCTION MANAGEMENT	2
3	DME-503	MACHINE DESIGN	2
4	DME-504	POWER PLANT ENGINEERING	2
5	DME-505	COMPUTER AIDED DESIGN	2
6	DME-506	AUTOMOBILE ENGINEERING LAB	2
7	DME-507	COMPUTER AIDED DESIGN LAB	2
8	DME-508	MINOR PROJECT	2
			TOTAL-16

<b>SEMESTER-6 (10 Credits)</b>			
<b>S.NO</b>	<b>CODE</b>	<b>SUBJECT</b>	<b>No of Credits</b>
1	DME-601	INDUSTRIAL MANAGEMENT & QUALITY CONTROL	4
2	DME-602	INTRODUCTION TO CONTROL SYSTEM	4
3	DME-603	PROJECT/INDUSTRIAL TRAINING	8
			TOTAL-16