

LNCT UNIVERSITY, BHOPAL
School of Computer Science & Technology(SOCST)
Scheme of Examination
Diploma in MECHANICAL ENGINEERING

Sr. No	Category	Total no. of Credits
1	University Core(UC)	58
2	Programme Core(PC)	102
	Total	160

LNCT UNIVERSITY, BHOPAL

School of Engineering & Technology

Scheme of Examination

GROUP A(CSE,CIVIL)

SET:A

PROGRAMME: -DIPLOMA

BRANCH: - CSE, CE

SESSION: -2025-26

SEMESTER: - I

S. No	Paper Code	Paper Name	Maximum Marks Allotted				Total Marks	Credits Allotted			Total	Remark
			Theory Slot		Practical Slot			L	T	P		
			EST	CAT	ESP	CAP						
1	DIP-101	COMMUNICATION SKILLS	70	30	-	-	100	3	1	-	04	One credit refers to one hour teaching in theory, tutorial and practical: 28 hour workload per week corresponding to LTP
2	DIP-102	PHYSICS	70	30	35	15	150	3	1	2	06	
3	DIP-103	MATHEMATICS	70	30	-	-	100	3	1	-	04	
4	DIP-104	COMPUTER FUNDAMENTALS & ITS APPLICATIONS	70	30	35	15	150	3	1	2	06	
5	DIP-105	BASIC MECHANICAL ENGINEERING	70	30	35	15	150	3	1	2	06	
6	DIP-106	ENGINEERING WORKSHOP PRACTICE	-	-	35	15	50	-	-	2	02	
7	DIP-107	DISASTER MANAGEMENT-I	-	-	-	-	-	-	-	-	-	
Total			350	150	140	60	700	15	05	08	28	

MST: Mid Semester Test CAT: Continuous Assessment Theory

CAP: Continuous Assessment Practical L:Lecture

EST: End Semester Theory

T: Tutorial

ESP: End Semester Practical

P: Practical

****DCS107 is a non credit course**

Passing marks min 40% required in each CAT/CAP/EST/ESP

LNCT UNIVERSITY, BHOPAL
School of Computer Science & Technology(SOCST)
Scheme of Examination
GROUP B(EE,ME,EC)
Computer Science

SET:B

PROGRAMME: -**DIPLOMA**
 BRANCH: - **EE,ME,EC**

SESSION: - **2025-26**
 SEMESTER: - **II**

SNo.	Paper Code	Paper Name	Maximum Marks Allotted				Total Marks	Credits Allotted Subject Wise			Total Credits	Remark
			Theory Slot		Practical Slot			L	T	P		
			EST	CAT	ESP	CAP						
1	DIP 201	PROGRAMMING IN C	70	30	-	-	100	3	1	-	04	One credit refers to one hour teaching in theory, tutorial and practical: 28 hour workload per week corresponding to LTP
2	DIP 202	APPLIED CHEMISTRY	70	30	35	15	150	3	1	2	06	
3	DIP 203	FUNDAMENTALS OF ELECTRICAL AND ELECTRONICS ENGINEERING	70	30	35	15	150	3	1	2	06	
4	DIP 204	APPLIED MECHANICS	70	30	35	15	150	3	1	2	06	
5	DIP 205	ENVIRONMENTAL SCIENCE	70	30	-	-	100	3	1	-	04	
6	DIP 206	COMPUTER WORKSHOP	-	-	25	-	25	-	-	2	02	
7	DIP 207	ENGINEERING GRAPHICS	-	-	25	-	25	-	-	2	02	
8	DIP 208	DISASTER MANAGEMENT-II	-	-	-	-	-	-	-	-	-	
Total			350	150	155	45	700	15	05	08	30	

MST: Mid Semester Test

CAT: Continuous Assessment Theory

EST: End Semester Theory

ESP: End Semester Practical

CAP: Continuous Assessment Practical

L: Lecture

T: Tutorial

P: Practical

**DCS207 is a non credit course

Passing marks min 40% required in each CAT/CAP/EST/ESP

LNCT UNIVERSITY, BHOPAL

Scheme of Examination

GROUP A

MECHANICAL ENGINEERING

PROGRAMME: -**DIPLOMA**

BRANCH: - **ME**

SESSION: - **2025-26**

SEMESTER: - **III**

S.No	Paper Code	Paper Name	Maximum Marks Allotted					Credits Allotted			Total Credits	Remark
			Theory Slot		Practical Slot		Total Marks	L	T	P		
			EST	CAT	ESP	CAP						
1	DME-301	Materials Technology	70	30	35	15	150	3	1	2	6	One credit refers to one hour teaching in theory, tutorial and practical: 28 hour workload per week corresponding to LTP
2	DME-302	Manufacturing Processes	70	30	35	15	150	3	1	2	6	
3	DME-303	Basics of CNC	70	30	35	15	150	3	1	2	6	
4	DME-304	Material Handling System	70	30	-	-	100	3	1	-	4	
5	DME-305	Strength of Materials	70	30	35	15	150	3	1	2	6	
6	DME-306	Professional activities	-	-	-	-	-	-	-	-	-	
Total			350	150	140	60	700	15	5	8	28	

MST: Mid Semester Test

CAT: Continuous Assessment Theory

EST: End Semester Theory

ESP: End Semester Practical

CAP: Continuous Assessment Practical

L: Lecture

T: Tutorial

P: Practical

****DCS306 is a non credit course**

Passing marks min 40% required in each CAT/CAP/EST/ESP

LNCT UNIVERSITY, BHOPAL

Scheme of Examination MECHANICAL ENGINEERING

PROGRAMME: -DIPLOMA
BRANCH: - ME

SESSION: - 2025-26
SEMESTER: - IV

S.No	Paper Code	Paper Name	Maximum Marks Allotted				Total Marks	Credits Allotted			Total Credits	Remark
			Theory Slot		Practical Slot			L	T	P		
			EST	CAT	ESP	CAP						
1	DME-401	FLUID MECHANICS & HYDRAULIC MACHINES	70	30	35	15	150	3	1	2	6	One credit refers to one hour teaching in theory, tutorial and practical: 28 hour workload per week corresponding to LTP
2	DME -402	THERMAL ENGINEERING	70	30	35	15	150	3	1	2	6	
3	DME -403	MEASUREMENTS AND METROLOGY	70	30	35	15	150	3	1	2	6	
4	DME -404	RENEWABLE ENERGY TECHNOLOGIE	70	30	-	-	100	3	1		4	
5	DME 405	COMPUTER INTEGRATED MANUFACTURING	70	30	35	15	150	3	1	2	6	
6	DME -406	MINOR PROJECT	-	-	-	-	-	-	-	-	-	
Total			350	150	140	60	700	15	5	8	28	

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CAP: Continuous Assessment Practical L: Lecture

EST: End Semester Theory

T: Tutorial

ESP: End Semester Practical

P: Practical

**DCS406 is a non credit course **[Industrial training](#) - 2 WEEK

Passing marks min 40% required in each CAT/CAP/EST/ESP

LNCT UNIVERSITY, BHOPAL

Scheme of Examination MECHANICAL ENGINEERING

PROGRAMME: -DIPLOMA

BRANCH: - ME

SESSION: - 2025-26

SEMESTER: - V

S.No	PaperCode	Paper Name	Maximum Marks Allotted				Total Marks	Credits Allotted			Total Credits	Remark
			Theory Slot		Practical Slot			L	T	P		
			EST	CAT	ESP	CAP						
1	DME -501	Automobile Engineering	70	30	35	15	150	3	1	2	6	One credit refers to one hour teaching in theory, tutorial and practical: 28 hour workload per week corresponding to LTP
2	DME -502	Machine Tool Technology	70	30	35	15	150	3	1	2	6	
3	DME -503	Advanced Practices in Manufacturing	70	30	-	-	100	3	1	-	4	
4	DME -504	Theory of Machines	70	30	35	15	150	3	1	2	6	
5	DME -505 A/B	Industrial Engineering / Marketing & Entreprnuership	70	30	-	-	100	3	1	-	4	
6	DME 506	Industrial training	-	-	35	15	50	-	-	2	2	
Total			350	150	140	60	700	15	5	8	28	

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EST: End Semester Theory

ESP: End Semester Practical

CAP: Continuous Assessment Practical

L: Lecture

T: Tutorial

P: Practical

Passing marks min 40% required in each CAT/CAP/EST/ESP

LNCT UNIVERSITY, BHOPAL

Scheme of Examination MECHANICAL ENGINEERING

PROGRAMME: -DIPLOMA

BRANCH: - ME

SESSION: - 2025-26

SEMESTER: - VI

S.No	Paper Code	Paper Name	Maximum Marks Allotted				Total Marks	Credits Allotted			Total Credits	Remark
			Theory Slot		Practical Slot			L	T	P		
			EST	CAT	ESP	CAP						
1	DME -601	Design of Machine Elements	70	30	-	-	100	3	1	-	4	One credit refers to one hour teaching in theory, tutorial and practical: 20 hour workload per week corresponding to
2	DME -602 A/B	Optional (any one) EV / Refrigeration and Air Conditioning	70	30	35	15	150	3	1	2	6	
3	DME -603 A/B	Optional (any one) Drone Technology / Power Plant Engineering	70	30	35	15	150	3	1	2	6	
4	DME -604	MAJOR PROJECT	-	-	200	100	300	-	-	2	2	
6	DME- 605	PROFESSIONAL ACTIVITY	-	-	-	-	-	-	-	-	-	
Total			210	90	270	130	700	9	3	06	18	

MST: Mid Semester Test

CAT: Continuous Assessment Theory

EST: End Semester Theory

ESP: End Semester Practical

CAP: Continuous Assessment Practical

L:Lecture

T: Tutorial

P: Practical

****DCS605 is a non credit course**

Passing marks min 40% required in each CAT/CAP/EST/ESP