SANDIP UNIVERSITY, SIJOUL, MADHUBANI

Scheme of Teaching and Examinations for

I- SEMESTER DIPLOMA IN MECHANICAL ENGINEERING

Skill Based Diploma in Engineering Course

THEORY

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME							
			Periods per Week	Hours of Exam.	Teacher's Assessment (TA) Marks A	Class Test (CT) Marks B	End Semester Exam. (ESE) Marks C	Total Marks (A+B+C)	Pass Marks ESE	Pass Marks in the Subject	Credits
1.	Applied Mathematics	ME101T	04	03	10	20	70	100	28	40	03
2.	Mechanical Engineering Drawing	ME102T	03	03	10	20	70	100	28	40	03
3.	Mechanics of Solids	ME103T	02	03	10	20	70	100	28	40	02
4.	Engineering. Mechanics	ME104T	03	03	10	20	70	100	28	40	03
5.	Electrical Engineering	ME105T	02	03	10	20	70	100	28	40	02
		Total :-	**14**				**350**	**500**			

PRACTICAL

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME					
			Periods per Week	Hours of Exam.	Practical (ESE)		Total Marks (A+B)	Pass Marks in the Subject	Credits
					Internal(A)	External(B)			
6.	Mechanics of Solids Lab.	ME106P	02	03	15	35	50	20	01
7.	Electrical Engineering Lab.	ME107P	02	03	15	35	50	20	01
8.	Workshop Practice	ME108P	04	06	15	35	50	20	03
Total :-			**08**				**150**		

TERM WORK

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME				
			Periods per Week	Marks of Internal Examiner (X)	Marks of External Examiner (Y)	Total Marks (X+Y)	Pass Marks in the Subject	Credits
9.	Mechanical Engineering Drawing	ME109P	05	15	35	50	20	02
10.	Automobile Servicing	ME110P	03	07	18	25	10	02
11.	Engineering Graphics	ME111P	03	07	18	25	10	02
Total :-			**11**			**100**		
Total Periods per week Each of duration One Hour 33				Total Marks = **750**				**24**

SANDIP UNIVERSITY, SIJOUL, MADHUBANI

Scheme of Teaching and Examinations for

II- SEMESTER DIPLOMA IN MECHANICAL ENGINEERING

Skill Based Diploma in Engineering Course

THEORY

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME							
			Periods per Week	Hours of Exam.	Teacher's Assessment (TA) Marks A	Class Test (CT) Marks B	End Semester Exam.(ESE) Marks C	Total Marks (A+B+C)	Pass Marks ESE	Pass Marks in the Subject	Credits
1.	Theory of Machines & Mechanisms	ME201T	03	03	10	20	70	100	28	40	03
2.	Fundamentals of Electronics	ME202T	04	03	10	20	70	100	28	40	04
3.	Production Processes	ME203T	03	03	10	20	70	100	28	40	03
4.	Thermal Engineering	ME204T	03	03	10	20	70	100	28	40	03
5.	Fluid Mechanics and Machinery	ME205T	03	03	10	20	70	100	28	40	03
		Total :-	**16**				**350**	**500**			

PRACTICAL

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME					
			Periods per Week	Hours of Exam.	Practical (ESE)		Total Marks (A+B)	Pass Marks in the Subject	Credits
					Internal(A)	External(B)			
6.	Thermal Engineering Lab	ME206P	02	03	15	35	50	20	01
7.	Fluid Mechanics and Machinery Lab	ME207P	03	03	15	35	50	20	01
8.	Production Processes Lab	ME208P	04	03	15	35	50	20	02
	Total :-		**09**				**150**		

TERM WORK

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME				
			Periods per Week	Marks of Internal Examiner (X)	Marks of External Examiner (Y)	Total Marks (X+Y)	Pass Marks in the Subject	Credits
9.	Theory of Machines & Mechanisms	ME209P	03	07	18	25	10	01
10.	Maintenance of Refrigeration & Air Conditioning	ME210P	03	07	18	25	10	02
11.	Auto Cad Practice	ME211P	02	15	35	50	20	01
	Total :-		**08**			**100**		
Total Periods per week Each of duration One Hour 33				Total Marks = **750**				**24**

SANDIP UNIVERSITY, SIJOUL, MADHUBANI

Scheme of Teaching and Examinations for

III- SEMESTER DIPLOMA IN MECHANICAL ENGINEERING

Skill Based Diploma in Engineering Course

THEORY

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME							
			Periods per Week	Hours of Exam.	Teacher's Assessment (TA) Marks A	Class Test (CT) Marks B	End Semester Exam.(ESE) Marks C	Total Marks (A+B+C)	Pass Marks ESE	Pass Marks in the Subject	Credits
1.	Advanced Manufacturing Processes	ME301T	03	03	10	20	70	100	28	40	03
2.	Power Engineering	ME302T	03	03	10	20	70	100	28	40	03
3.	Environmental Pollution & Control	ME303T	03	03	10	20	70	100	28	40	03
4.	Metrology & quality Control	ME304T	03	03	10	20	70	100	28	40	03
5.	Automobile Engineering	ME305T	03	03	10	20	70	100	28	40	03
		Total :-	**15**				**350**	**500**			

PRACTICAL

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME					
			Periods per Week	Hours of Exam.	Practical (ESE)		Total Marks (A+B)	Pass Marks in the Subject	Credits
					Internal(A)	External(B)			
6.	Metrology & quality Control Lab	ME306P	04	03	15	35	50	20	02
7.	Advanced Manufacturing Processes Lab	ME307P	04	06	15	35	50	20	02
Total :-			**08**				**100**		

TERM WORK

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME				
			Periods per Week	Marks of Internal Examiner (X)	Marks of External Examiner (Y)	Total Marks (X+Y)	Pass Marks in the Subject	Credits
8.	Industrial Project & Entrepreneurship Development	ME308P	03	15	35	50	20	02
9.	CNC Programming	ME309P	04	15	35	50	20	02
10.	Metrology & quality Control	ME310P	03	15	35	50	20	01
Total :-			**10**			**150**		
Total Periods per week Each of duration One Hour			**33**		Total Marks = **750**			**24**

SANDIP UNIVERSITY, SIJOUL, MADHUBANI

Scheme of Teaching and Examinations for

IV SEMESTER DIPLOMA IN MECHANICAL ENGINEERING

Skill Based Diploma in Engineering Course

THEORY

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME							
			Periods per Week	Hours of Exam.	Teacher's Assessment (TA) Marks A	Class Test (CT) Marks B	End Semester Exam.(ESE) Marks C	Total Marks (A+B+C)	Pass Marks ESE	Pass Marks in the Subject	Credits
1.	Management	ME401T	03	03	10	20	70	100	28	40	03
2.	Design of Machine Elements	ME402T	04	03	10	20	70	100	28	40	04
3.	Industrial Fluid Power	ME403T	03	03	10	20	70	100	28	40	03
4.	Production Technology	ME404T	03	03	10	20	70	100	28	40	03
5.	Elective-(Any One)	ME405T	03	03	10	20	70	100	28	40	03
	(i) Refrigeration & Air- Conditioning					(ii) CAD-CAM & Automation					
		Total :-	**16**				**350**	**500**			

PRACTICAL

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME					
			Periods per Week	Hours of Exam.	Practical (ESE) Internal(A)	Practical (ESE) External(B)	Total Marks (A+B)	Pass Marks in the Subject	Credits
6.	Industrial Fluid Power Lab	ME406P	02	03	15	35	50	20	01
7.	Elective-(Any One) Lab	ME407P	03	03	15	35	50	20	01
	(i) Refrigeration & Air- Conditioning Lab					(ii) CAD-CAM & Automation Lab			
	Total :-		**05**				**100**		

TERM WORK

Sr. No.	SUBJECT	SUBJECT CODE	TEACHING SCHEME	EXAMINATION-SCHEME				
			Periods per Week	Marks of Internal Examiner (X)	Marks of External Examiner (Y)	Total Marks (X+Y)	Pass Marks in the Subject	Credits
8.	Design of Machine Elements	ME408P	03	15	35	50	20	01
9.	Industrial Project	ME409P	06	15	35	50	20	03
10.	Professional Practices	ME410P	03	15	35	50	20	02
	Total :-		**12**			**150**		
Total Periods per week Each of duration One Hour			**33**	Total Marks = **750**				**24**