

SUBJECTS OF STUDY AND SCHEME OF EVALUATION
SEMESTER I
(Branch: Tool & Die Engineering)

S. No	Code	Course	Course Category	Periods per Week			Credits	Evaluation		
				Theory	Practical	Total		Type	CA	External
1	1001	English – I	F	4	-	4	4	T	50	100
2	1002	Technical Mathematics – I	F	6	-	6	6	T	50	100
3	1003	Applied Science – I	F	6	-	6	6	T	50	100
4	1004	General Engineering	F	4	-	4	4	T	50	100
5	2001	Technology in Society	C	3	-	3	3	T	50	100
6	1017	Engineering Graphics	F	1	2	3	-	D	-	-
7	101	General Worksop	F	-	3	3	3	P	50	50
8	105	Applied Science Lab	F	-	2	2	-	P	-	-
9	201	Informatics Practices	C	2	2	4	3	P	50	50
		TOTAL		26	9	35	29			

Abbreviations used:

Course Categories: F – Foundation Courses, C- Common Courses, B- Basic Technology Courses,
A – Applied Technology Courses, E- Elective Courses.

Evaluation Type: T – Theory, P – Practical, D – Drawing, Pr – Project.

SUBJECTS OF STUDY AND SCHEME OF EVALUATION
SEMESTER II
(Branch: Tool & Die Engineering)

S. No	Code	Course	Course Category	Periods per Week			Credits	Evaluation		
				Theory	Practical	Total		Type	CA	External
1	1014	English – II	F	4	-	4	4	T	50	100
2	1015	Technical Mathematics – II	F	6	-	6	6	T	50	100
3	1016	Applied Science – II	F	6	-	6	6	T	50	100
4	1018	Programming Methodology	F	3	2	5	4	T	50	100
5	3010	Production Engineering	B	5	-	5	5	T	50	100
6	1017	Engineering Graphics	F	1	2	3	5	D	50	100
7	105	Applied Science Lab	F	-	2	2	2	P	50	50
8	303	Workshop Practice	B	-	4	4	3	P	50	50
		TOTAL		25	10	35	35			

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Evaluation Type : T – Theory, P – Practical, D – Drawing, Pr – Project.

SUBJECTS OF STUDY AND SCHEME OF EVALUATION
SEMESTER III
(Branch: Tool & Die Engineering)

S. No	Code	Course	Course Category	Periods per Week			Credits	Evaluation		
				Theory	Practical	Total		Type	CA	External
1	3037	Fluid Mechanics and Pneumatics	B	5	-	5	5	T	50	100
2	3038	Electrical and Electronics Engineering	B	5	-	5	5	T	50	100
3	3041	Engineering Metrology	B	6	-	6	6	T	50	100
4	3042	Tool Engineering Dawing - I	B	2	4	6	4	D	50	100
5	202	Health & Physical Education	C	1	2	3	2	P	50	50
6	323	Metrology Laboratory Heat Treatment	B	-	3	3	2	P	50	50
7	324	Tool Engineering Lab - I	B	-	4	4	2	P	50	50
8	382	Work Shop Practice – III (T & D)	B	-	3	3	2	P	50	50
		TOTAL		19	16	35	28			

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Evaluation Type: T – Theory, P – Practical, D – Drawing, Pr – Project.

SUBJECTS OF STUDY AND SCHEME OF EVALUATION
SEMESTER IV
(Branch: Tool & Die Engineering)

S. No	Code	Course	Course Category	Periods per Week			Credits	Evaluation		
				Theory	Practical	Total		Type	CA	External
1	3049	Moulds & Dies Technology	B	5	-	5	5	T	50	100
2	3050	Material Technology & Heat Treatment	B	4	-	4	4	T	50	100
3	4017	Applied Mechanics and Strength of Materials	A	6	-	6	5	T	50	100
4	4021	Production Engineering. – II	A	4	-	4	4	T	50	100
5	203	Life Skills	C	1	2	3	3	P	50	50
6	328	Tool Engg. Lab. II	B	-	6	6	3	P	50	50
7	417	Material Testing Laboratory	A	-	3	3	2	P	50	50
8	420	CADD Lab	A	-	4	4	2	P	50	50
		TOTAL		20	15	35	28			

Abbreviations used:

Course Categories

: F – Foundation Courses, C- Common Courses, B- Basic Technology Courses,
A – Applied Technology Courses, E- Elective Courses.

Evaluation Type

: T – Theory, P – Practical, D – Drawing, Pr – Project.

BST

: Brach Specific Theory

BSL/W

: Brach Specific Lab / Workshop

SUBJECTS OF STUDY AND SCHEME OF EVALUATION
SEMESTER V
(Branch: Tool & Die Engineering)

S. No	Code	Course	Course Category	Periods per Week			Credits	Evaluation		
				Theory	Practical	Total		Type	CA	External
1	2004	Industrial Management and Safety	C	4	-	4	4	P	50	100
2	4023	Industrial Engg	A	5	-	5	4	T	50	100
3	4024	Press Tool Technology	A	4	-	4	4	T	50	100
4	5022	1.Design of Jigs, Fixtures and Gauges	E	4	-	4	4	T	50	100
	5023	2.Plasting, Moulding Technology.								
	5024	3.Total Quality Management								
5	4025	Moulds& Dies Drawing	A		4	4	4	D	50	100
6	4026	Press Tool Drawing	A		4	4	3	D	50	100
7	427	Tool Engg. Lab III	A	-	4	4	3	P	50	50
8	6002	Project & Seminar	Pr	-	6	6	-	Pr		
		TOTAL		17	18	35	26			

* This course can be conveniently scheduled by the colleges during semester term.

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Evaluation Type: T – Theory, P – Practical, D – Drawing, Pr – Project.

**SUBJECTS OF STUDY AND SCHEME OF EVALUATION
SEMESTER VI**

(Branch: Tool & Die Engineering)

S. No	Code	Course	Course Category	Periods per Week			Credits	Evaluation		
				Theory	Practical	Total		Type	CA	External
1	2003	Environmental Science & Disaster Management	C	3	-	3	3	T	50	100
2	4033	Modern Production Process	A	5	-	5	5	T	50	100
3	4034	Tool Design	A	5	-	5	5	T	50	100
4	5027	1. Industrial Automation & Mechatronics	E	4	-	4	4	T	50	100
	5025	2. CAD-CAM								
5	432	Computer aided Press Tool Drawing	A	-	6	6	4	P	50	50
6	433	Tool Engineering Lab - IV	A	-	6	6	3	P	50	50
7	6002	Project & Seminar	Pr	-	6	6	10	Pr	50	50
8	6003	In-plant Training	Pr	12 months after 6 th semester exam.			10	Pr	100	0
		TOTAL		17	18	35	44			
		Total credits for the programme					190			

Abbreviations used:

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A – Applied Technology Courses, E- Elective Courses.

Evaluation Type: T – Theory, P – Practical, D – Drawing, Pr – Project.