



**UTTARAKHAND BOARD OF TECHNICAL EDUCATION**  
**JOINT ENTRANCE EXAMINATION AND TRAINING, RESEARCH DEVELOPMENT CELL, DEHRADUN**  
**STUDY AND EVALUATION SCHEME FOR DIPLOMA PROGRAMME**

**BRANCH NAME – MECHANICAL ENGINEERING (PRODUCTION)**

**SEMESTER – VI**

Subject Code	Subject	L	T	P	T O T	EVALUATION SCHEME						Total Marks	Credit Point
						Internal		External					
						Theory Max Marks	Practical Max Marks	Theory		Practical			
								Max Marks	Hrs.	Max Marks	Hrs.		
Period/Weeks													
136001	Entrepreneurship Development and Management*	5	-	-	5	20	-	80	2.5	-	-	100	5
146001	Computer Application in Mechanical drafting Design and Analysis**	-	-	6	6	-	50	-	-	50	3.0	100	3
336001	Advance Production Process	6	-	-	6	50	-	80	2.5	-	-	130	5
336004	Inspection & Quality Control	6	-	3	9	50	25	80	2.5	25	3.0	180	7
146002	Power Plant Engineering**	6	-	-	6	50	-	80	2.5	-	-	130	5
336005	Project Work	-	-	8	8	-	100	-	-	135	3.0	235	7
336052	Industrial Exposure	-	-	-	-	-	25	-	-	-	-	25	1
016054	General Proficiency	-	-	4	4	-	25	-	-	-	-	25	1
016055	Employability Skills	4	-	-	4	25	-	50	2.5	-	-	75	1
<b>Total</b>		<b>27</b>	<b>-</b>	<b>21</b>	<b>48</b>	<b>195</b>	<b>225</b>	<b>370</b>	<b>-</b>	<b>210</b>	<b>-</b>	<b>1000</b>	<b>35</b>

\* Common with diploma course in 6th sem Mechanical engg., Production engg., Mech(auto.), Automobile

\*\* Common with diploma course in 6th sem Mechanical engg., Production engg.

\*\*\* Common with diploma course in 6th sem Production Engg.

# General Proficiency will comprise of various co-curricular activities like games, hobby clubs, seminars, declamation contests, extension lectures, NCC, NSS, cultural activities and discipline etc.

+ Industrial visit compulsory at minimum 2 industry or department.

**Note:** 1- Each period will be 50 minutes. 2- Each session will be of 16weeks. 3- Effective teaching will be at least 12.5 week

**Branch Code - 33**