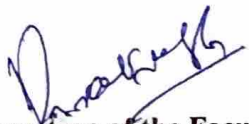


# Lesson Plan

<b>Name of the Institute:</b>		<b>C. V. Raman Polytechnic</b>
<b>Department:</b>		<b>Mechanical Engineering</b>
<b>Semester/Division/Branch:</b>		<b>5<sup>th</sup> Sem/ME</b>
<b>Subject Name with code:</b>		<b>Entrepreneurship And Management &amp; Smart Technology (Th-1)</b>
<b>Total No. of Class (Required):</b>		<b>60</b>
<b>Faculty Name:</b>		<b>Mr. Prakash Kumar Parida</b>
Class No.	Brief Description of the Topic/Chapter to be taught	Remarks
1	Concept /Meaning of Entrepreneurship	
2	Need of Entrepreneurship	
3	Characteristics, Qualities and Types of entrepreneur, Functions	
4	Barriers in entrepreneurship	
5	Entrepreneurs vrs. Manager	
6	Forms of Business Ownership: Sole proprietorship, partnership forms and others	
7	Types of Industries, Concept of Start-ups	
8	Entrepreneurial support agencies at National, State, District Level( Sources): DIC, NSIC,OSIC, SIDBI, NABARD, Commercial Banks, KVIC etc.	
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10	Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks	
11	Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks	
12	Business Planning	
13	SSI, Ancillary Units, Tiny Units, Service sector Units	
14	SSI, Ancillary Units, Tiny Units, Service sector Units	
15	Time schedule Plan, Agencies to be contacted for Project Implementation	
16	Time schedule Plan, Agencies to be contacted for Project Implementation	
17	Assessment of Demand and supply and Potential areas of Growth	
18	Revision and Doubt Clearing	
19	Assessment of Demand and supply and Potential areas of Growth	
20	Identifying Business Opportunity	
21	Final Product selection	
22	Preliminary project report	
23	Detailed project report, Techno economic Feasibility	
24	Project Viability	
25	Definitions of management	
26	Principles of management	
27	Functions of management (planning, organizing, staffing, directing and controlling etc.)	

28	Functions of management (planning, organizing, staffing, directing and controlling etc.)	
29	Level of Management in an Organization	
30	Production management <ul style="list-style-type: none"> <li>• Functions, Activities</li> <li>• Productivity</li> <li>• Quality control</li> <li>• Production Planning and control</li> </ul>	
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32	Inventory Management <ul style="list-style-type: none"> <li>• Need for Inventory management</li> <li>• Models/Techniques of Inventory management</li> </ul>	
33	Financial Management <ul style="list-style-type: none"> <li>• Functions of Financial management</li> <li>• Management of Working capital</li> <li>• Costing (only concept)</li> </ul>	
34	Break even Analysis	
35	Brief idea about Accounting Terminologies: Book Keeping, Journal entry, Petty Cash book, P&L Accounts, Balance Sheets(only Concepts)	
36	Marketing Management Concept of Marketing and Marketing Management	
37	Marketing Techniques (only concepts) Concept of 4P s (Price, Place, Product, Promotion)	
38	Human Resource Management Functions of Personnel Management	
39	Manpower Planning, Recruitment, Sources of manpower, Selection process, Method of Testing, Methods of Training & Development, Payment of Wages	
40	Leadership and Motivation Leadership <ul style="list-style-type: none"> <li>• Definition and Need/Importance</li> <li>• Qualities and functions of a leader</li> </ul>	
41	Manager Vs Leader Style of Leadership (Autocratic, Democratic, Participative)	
42	Motivation <ul style="list-style-type: none"> <li>• Definition and characteristics</li> <li>• Importance of motivation</li> <li>• Factors affecting motivation</li> <li>• Theories of motivation (Maslow)</li> </ul>	
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44	Methods of Improving Motivation <ul style="list-style-type: none"> <li>• Importance of Communication in Business</li> <li>• Types and Barriers of Communication</li> </ul>	
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46	Revision and Doubt Clearing	
47	Work Culture, TQM & Safety	

48	Human relationship and Performance in Organization	
49	Relations with Peers, Superiors and Subordinates	
50	TQM concepts: Quality Policy, Quality Management, Quality system	
51	Accidents and Safety, Cause, preventive measures, General Safety Rules , Personal Protection Equipment(PPE)	
52	Legislation a) Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights	
53	Features of Factories Act 1948 with Amendment (only salient points)	
54	Features of Payment of Wages Act 1936 (only salient points)	
55	Smart Technology • Concept of IOT, How IOT works	
56	Smart Technology • Concept of IOT, How IOT works	
57	Components of IOT, Characteristics of IOT, Categories of IOT	
58	Applications of IOT- Smart Cities, Smart Transportation, Smart Home, Smart Healthcare, Smart Industry, Smart Agriculture, Smart Energy Management etc.	
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60	Revision and Doubt Clearing	

  
**Signature of the Faculty  
H.O.D**

  
**Signature of the**