

Government Polytechnic Nayagarah

Subject: EM&S

Name Of faculty: Samir Kumar Sethi

Lesson Plan: 2022-23(5th Semester)

Lecture in Electronics

Course Duration: 15.10.2022 to 22.12.2022

Internal Assessment: 3rd week of November of 2022

Date		
19.09.22	Week-1	Concept /Meaning of Entrepreneurship, Need of Entrepreneurship
22.09.22		Characteristics, Qualities and Types of entrepreneur, Functions
26.09.22	Week-2	Barriers in entrepreneurship, Entrepreneurs vs Manager
29.09.22		Forms of Business Ownership: Sole proprietorship, partnership forms and others Types of Industries, Concept of Start-ups
10.10.22	Week-3	Entrepreneurial support agencies at National, State, District Level(Sources): DIC, NSIC,OSIC, SIDBI, NABARD, Commercial Banks, KVIC etc. Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks
13.10.22		Business Planning, SSI, Ancillary Units, Tiny Units, Service sector Units, Time schedule Plan,
17.10.22	Week-4	Agencies to be contacted for Project Implementation.
20.10.22		Assessment of Demand and supply and Potential areas of Growth Identifying Business Opportunity, Final Product selection
24.10.22	Week-5	Preliminary project report Detailed project report
27.10.22		Techno economic Feasibility Project Viability
31.10.22	Week-6	Definitions of management Principles of management
3.11.22		Functions of management (planning, organizing , staffing, directing and controlling etc.) Level of Management in an Organisation.
7.11.22	Week-7	(a)Production management Functions, Activities, Productivity, Quality control, Production Planning and control, b) Inventory Management Need for Inventory management,Models/Techniques of Inventory management.
10.11.22		Financial Management Functions of Financial management, Management of Working capital, Costing (only concept), Break even Analysis. Brief idea about Accounting Terminologies: Book Keeping, Journal entry, Petty Cash book, P&L Accounts, Balance Sheets(only Concepts).
14.11.22	Week-8	Marketing Management Concept of Marketing and Marketing Management, Marketing Techniques (only concepts), Concept of 4Ps (Price, Place, Product, Promotion)
17.11.22		Human Resource Management Functions of Personnel Management, Manpower Planning, Recruitment, Sources of manpower, Selection process, Method,of Testing, Methods of Training & Development, Payment of Wages
17.11.22	Week-9	Leadership Definition and Need/Importance,Qualities and functions of a leader, Manager Vs Leader, Style of Leadership (Autocratic, Democratic, Participative)
21.11.22		Motivation Definition and characteristics, Importance of motivation, Factors affecting motivation, Theories of motivation (Maslow), Methods of Improving Motivation, Importance of Communication in Business,Types and Barriers of Communication
24.11.22	Week-10	Human relationship and Performance in Organization Relations with Peers, Superiors and Subordinates
28.11.22		TQM concepts: Quality Policy, Quality Management, Quality system Accidents and Safety, Cause, preventive measures, General Safety Rules , Personal, Protection Equipment(PPE)
1.12.22	Week-11	Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights b) Features of Factories Act 1948 with Amendment (only salient points)
5.12.22		Features of Payment of Wages Act 1936 (only salient points), Smart Technology
8.12.22	Week-12	Concept of IOT, How IOT works Components of IOT, Characteristics of IOT, Categories of IOT
12.12.22		Applications of IOT- Smart Cities, Smart Transportation, Smart Home,
15.12.22	Week-13	Smart Healthcare, Smart Industry,
19.12.22		Smart Agriculture, Smart Energy Management etc.
22.12.22	Week-14	Question Discussion

Samir Kumar Sethi
Signature of Faculty

SM
Signature of HOD