	Semester: 5th	Name of the Teaching Faculty: Mukunda sahoo
Discipline: Electrical(1 st shift)		
Sinity	No. of days/per	Semester From: 15 th September 2022 to 22 nd December 2022
Subject:	week class allotted:4p/week	
Entrepreneurs		
hip & Mgt & Smart Tech.		
Week	Class Day	Theory Topics
,, cer	1st	Concept /Meaning of Entrepreneurship
	1	Need of Entrepreneurship Characteristics, Qualities and Types of
(15 th sep to		entrepreneur, Functions
16 th sep 2022)		Barriers in entrepreneurship
		Entrepreneurs vs. Manager
	1st	Forms of Business Ownership: Sole proprietorship, partnership forms and others
(4 oth	2 nd	Types of Industries, Concept of Start-ups
(19 th sep to 23 nd sep 2022)	3rd	Entrepreneurial support agencies at National, State, District Level(Sources): DIC, NSIC,OSIC, SIDBI, NABARD, Commercial Banks, KVIC etc
-	4 th	Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks
	1st	Business Planning
	1	SSI, Ancillary Units, Tiny Units, Service sector Units
(26 th sep to	2nd	Time schedule Plan, Agencies to be contacted for Project Implementation
30 th sep 2022)		Assessment of Demand and supply and Potential areas of Growth
c s c c c c c c c c	3rd	Identifying Business Opportunity
	th	Final Product selection Revision class of Unit-2
	4th 1st	Preliminary project report , Detailed project report , Techno economic
	154	Feasibility, Project Viability, Doubt clearing of Unit-3
(10 th Oct to	2 nd	Definitions of management , Principles of management
14 th oct 2022)	3rd	Functions of management (planning, organising, staffing, directing and controlling etc.)
	4th	Continued from previous part :Functions of management (planning, organising, staffing, directing and controlling etc.)
	1st	Level of Management in an Organisation, Revision and doubt clearing of Unit
-	2nd	Production management
		☐ Functions, Activities
(17 th oct to 21 th		□ Productivity
oct 2022)	3rd	☐ Quality control
		Production Planning and control
	4 th	Inventory Management
		Need for Inventory management
(25 th oct to 28 th oct 2021)		
	1st 2nd	Financial Management
	2	□ Functions of Financial management
		☐ Management of Working capital
	3rd	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)
(31st oct to 4th	1st	Marketing Management
Nov 2022)		Concept of Marketing and Marketing Management

	2nd	Marketing Techniques (only concepts)		
	3rd	Concept of 4P s (Price, Place, Product, Promotion)		
	4th	Human Resource Management		
		☐ Functions of Personnel Management		
	1st	Manpower Planning, Recruitment, Sources of manpower, Selection		
(07 th to 11 th		process, Method of Testing, Methods of Training & Development, Payment		
Nov 2022)	2 nd	of Wages , Revision of Unit- 5 Introduction about Leadership & Management		
	3 rd	Leadership		
	3	Definition and Need/Importance		
	1st	Qualities and functions of a leader		
		Manager Vs Leader		
(1.4th	2nd	Style of Leadership (Autocratic, Democratic, Participative)		
(14 th nov to 18 th	3rd	Doubt clearing on Leadership lesson		
nov 2022)	4th	Motivation		
		□ Definition and characteristics		
	1st	Importance of motivation		
		Factors affecting motivation		
	2nd	Theories of motivation (Maslow)		
(21 th to 25 th no		Methods of Improving Motivation		
2022)	3rd	Importance of Communication in Business		
		Types and Barriers of Communication		
	4th	Revision on motivation lesson		
	1st	Complete revision of Unit- 6		
(28 th nov to	2nd	Work Culture, TQM & Safety		
02 th Dec 2022)		☐ Human relationship and Performance in Organization		
	3rd	Relations with Peers, Superiors and Subordinates		
	4th	TQM concepts: Quality Policy, Quality Management, Quality system		
	1st	Continued:		
		TQM concepts: Quality Policy, Quality Management, Quality system		
(05 th to 09 th	2nd	Continued:		
Dec 2022)		TQM concepts: Quality Policy, Quality Management, Quality system		
Bee 2022)	3rd	Legislation		
		a) Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights		
	4th	Features of Factories Act 1948 with Amendment (only salient points)		
	1st	Features of Payment of Wages Act 1936 (only salient points)		
(12 th Dec to	2nd	Revision of Factories Act.		
16 st Dec 2022)	3rd	Smart Technology		
<u> </u>	4.1	☐ Concept of IOT, How IOT works		
	4th	Continued: Smart Technology		
	1ot	 □ Concept of IOT, How IOT works Components of IOT, Characteristics of IOT, Categories of IOT 		
<u> </u>	1st 2nd	Applications of IOT- Smart Cities, Smart Transportation, Smart Home,		
(19st dec to	∠IIU	, , , , , , , , , , , , , , , , , , , ,		
22 th dec 2022)	3rd			
	Jiu			
	4th			
`	3rd 4th	Applications of IOT- Smart Cities, Smart Transportation, Smart Home Smart Healthcare Applications of IOT- Smart Industry, Smart Agriculture, Smart Energy Management etc. Applications of IOT- Smart Industry, Smart Agriculture, Smart Energy Management etc		



	Semester: 5th	Name of the Teaching Faculty: Mukunda sahoo
Discipline: Electrical(2 nd		
shift)		
SILITY)	No. of days/per	Semester From: 15 th September 2022 to 22 nd December 2022
Subject:	week class	1
Entrepreneurs	allotted:4p/week	
hip & Mgt &		
Smart Tech.	Class Dass	The same The relies
Week	Class Day	Theory Topics Concept (Magning of Entropropagation
	1 st	Concept /Meaning of Entrepreneurship
(15 th sep to		Need of Entrepreneurship Characteristics, Qualities and Types of entrepreneur, Functions
16 th sep 2022)		Barriers in entrepreneurship
10 569 2022)		Entrepreneurs vs. Manager
		Entrepreneurs vs. Manager
	1st	Forms of Business Ownership: Sole proprietorship, partnership forms and
	4	others
	2 nd	Types of Industries, Concept of Start-ups
(19 th sep to	3rd	Entrepreneurial support agencies at National, State, District Level(
23 nd sep 2022)	3	Sources): DIC, NSIC, OSIC, SIDBI, NABARD, Commercial Banks, KVIC etc
_	-	
	4 th	Technology Business Incubators (TBI) and Science and Technology
	. ot	Entrepreneur Parks
	1st	Business Planning SSI, Ancillary Units, Tiny Units, Service sector Units
_	2nd	Time schedule Plan, Agencies to be contacted for Project Implementation
(26 th sep to	Zna	Assessment of Demand and supply and Potential areas of Growth
30 th sep 2022)	3rd	Identifying Business Opportunity
	5 "	Final Product selection
	4th	Revision class of Unit-2
	1st	Preliminary project report , Detailed project report , Techno economic
		Feasibility, Project Viability, Doubt clearing of Unit-3
(10 th Oct to	2nd	Definitions of management , Principles of management
14 th oct 2022)	3rd	Functions of management (planning, organising, staffing, directing and controlling etc.)
-	4th	Continued from previous part :Functions of management (planning,
	4	organising, staffing, directing and controlling etc.)
	1 st	Level of Management in an Organisation, Revision and doubt clearing of Unit
		4
	2 nd	Production management
4h		Functions, Activities
(17 th oct to 21 th	1	Productivity
oct 2022)	3rd	Quality control
-	4th	☐ Production Planning and control Inventory Management
	4111	□ Need for Inventory management
		☐ Models/Techniques of Inventory management
(25 th oct to 28 th oct 2021)	1st	Continued from : Models/Techniques of Inventory management
	2nd	Financial Management
	_	☐ Functions of Financial management
		Management of Working capital
	3rd	Costing (only concept)
		☐ Break even Analysis, Brief idea about Accounting Terminologies: Book
		Keeping, Journal entry, Petty Cash book, P&L Accounts, Balance
(21st 4th	. ~4	Sheets(only Concepts)
(31 st oct to 4 th Nov 2022)	1st	Marketing Management
INUV ZUZZ)		Concept of Marketing and Marketing Management

	2nd	Marketing Techniques (only concepts)		
	3rd	Concept of 4P s (Price, Place, Product, Promotion)		
	_			
	4th	Human Resource Management		
	4111	☐ Functions of Personnel Management		
	1st	Manpower Planning, Recruitment, Sources of manpower, Selection		
4h 4h	150	process, Method of Testing, Methods of Training & Development, Payment		
(07 th to 11 th		of Wages, Revision of Unit- 5		
Nov 2022)	2^{nd}	Introduction about Leadership & Management		
	$3^{\rm rd}$	Leadership		
		Definition and Need/Importance		
	1st	Qualities and functions of a leader		
		Manager Vs Leader		
(14 th nov to 18 th	2nd	Style of Leadership (Autocratic, Democratic, Participative)		
nov 2022)	3rd	Doubt clearing on Leadership lesson		
110 (2022)	4th	Motivation		
		☐ Definition and characteristics		
	1st	Importance of motivation		
		Factors affecting motivation		
4h 4h	2nd	Theories of motivation (Maslow)		
(21 th to 25 th no		Methods of Improving Motivation		
2022)	3rd	Importance of Communication in Business		
		Types and Barriers of Communication		
	4th	Revision on motivation lesson		
	1st	Complete revision of Unit- 6		
(28 th nov to	2nd	Work Culture, TQM & Safety		
02 th Dec 2022)	2 1	☐ Human relationship and Performance in Organization		
	3rd	Relations with Peers, Superiors and Subordinates		
	4th	TQM concepts: Quality Policy, Quality Management, Quality system		
	1st	Continued:		
	2 1	TQM concepts: Quality Policy, Quality Management, Quality system		
(05 th to 09 th	2nd	Continued:		
Dec 2022)	24	TQM concepts: Quality Policy, Quality Management, Quality system		
	3rd	Legislation a) Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights		
	4th	Features of Factories Act 1948 with Amendment (only salient points)		
	1st	Features of Payment of Wages Act 1936 (only salient points)		
<u> </u>	2nd	Revision of Factories Act.		
(12 th Dec to	3rd	Smart Technology		
16 st Dec 2022)	314	□ Concept of IOT, How IOT works		
	4th	Continued : Smart Technology		
		☐ Concept of IOT, How IOT works		
	1st	Components of IOT, Characteristics of IOT, Categories of IOT		
(19 st dec to	2nd	Applications of IOT- Smart Cities, Smart Transportation , Smart Home,		
22 th dec 2022)		Smart Healthcare		
22 ucc 2022)	3rd	Applications of IOT- Smart Industry, Smart Agriculture, Smart Energy		
		Management etc.		
	4th	Applications of IOT- Smart Industry, Smart Agriculture, Smart Energy		
		Management etc		



Discipline:	Semester: 5th	Name of the Teaching Faculty: Mukunda sahoo				
Subject: Entrepreneurs hip & Mgt & Smart Tech.	No. of days/per week class allotted:5p/week	Semester From: 15 th September 2022 to 22 nd December 2022				
Week	Class Day	Theory Topics				
(15 th sep to 16 th sep 2022)	1st	Concept /Meaning of Entrepreneurship Need of Entrepreneurship Characteristics, Qualities and Types of entrepreneur, Functions Barriers in entrepreneurship Entrepreneurs vs. Manager				
	1st	Forms of Business Ownership: Sole proprietorship, partnership forms and others				
(10th	2 nd	Types of Industries, Concept of Start-ups				
(19 th sep to 24 nd sep 2022)	3rd	Entrepreneurial support agencies at National, State, District Level(Sources): DIC, NSIC,OSIC, SIDBI, NABARD, Commercial Banks, KVIC etc				
	4 th	Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks				
	5th	Technology Business Incubators (TBI) and Science and Technology Entrepreneur Parks				
	1st	Business Planning SSI, Ancillary Units, Tiny Units, Service sector Units				
cooth 1st	2 nd	Time schedule Plan, Agencies to be contacted for Project Implementation Assessment of Demand and supply and Potential areas of Growth				
(26 th sep to 1 st oct 2022)	3rd	Identifying Business Opportunity Final Product selection				
	4th	Identifying Business Opportunity Final Product selection				
	5 th	Revision class of Unit-2				
	1st	Preliminary project report , Detailed project report , Techno economic Feasibility, Project Viability , Doubt clearing of Unit-3				
(10 th Oct to	2nd	Definitions of management , Principles of management				
15 th oct 2022)	3rd	Functions of management (planning, organising, staffing, directing and controlling etc.)				
	4th	Continued from previous part: Functions of management (planning, organising, staffing, directing and controlling etc.)				
	5th	Continued from previous part: Functions of management (planning, organising, staffing, directing and controlling etc.)				
	1st	Level of Management in an Organisation, Revision and doubt clearing of Unit 4				
	2 nd	Production management □ Functions, Activities				
(17 th oct to 22 th		□ Productivity				
oct 2022)	3rd	□ Quality control□ Production Planning and control				
	4th	Inventory Management Need for Inventory management Models/Techniques of Inventory management				
	5th	Inventory Management Need for Inventory management Models/Techniques of Inventory management				
(25 th oct to 29 th	1 st	Continued from : Models/Techniques of Inventory management				
oct 2021)	2 nd	Financial Management				

T		- Functions of Financial resuscitation
		☐ Functions of Financial management
	1	☐ Management of Working capital
	3rd	Costing (only concept)
		☐ Break even Analysis, Brief idea about Accounting Terminologies: Book
		Keeping, Journal entry, Petty Cash book, P&L Accounts, Balance
	4th	Sheets(only Concepts)
	4th	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)
	. ot	· · · · · · · · · · · · · · · · · · ·
	1 st	Marketing Management
	- n d	Concept of Marketing and Marketing Management
	2nd	Marketing Techniques (only concepts) Concept of 4P s (Price, Place, Product, Promotion)
$(31^{st} \text{ oct to } 5^{th})$	3rd	Concept of 4P'S (Price, Place, Product, Promotion)
Nov 2022)		
	4th	Human Resource Management
		☐ Functions of Personnel Management
	5th	Human Resource Management
		☐ Functions of Personnel Management
	1st	Manpower Planning, Recruitment, Sources of manpower, Selection
(07 th to 12 th		process, Method of Testing, Methods of Training & Development, Payment
Nov 2022)	and	of Wages, Revision of Unit- 5
	2 nd	Introduction about Leadership & Management
	3 rd	Leadership
	4.1	Definition and Need/Importance
	4th	Leadership
	1 ~4	Definition and Need/Importance
	1st	Qualities and functions of a leader
	2nd	Manager Vs Leader Style of Leadership (Autocratic, Democratic, Participative)
(14 th nov to 19 th —	3rd	Doubt clearing on Leadership lesson
nov 2022)	4th	Motivation
	7111	☐ Definition and characteristics
	5th	Motivation
	0 111	☐ Definition and characteristics
	1st	Importance of motivation
		Factors affecting motivation
	2nd	Theories of motivation (Maslow)
		Methods of Improving Motivation
(21 th to 26 th no	3rd	Importance of Communication in Business
2022)		Types and Barriers of Communication
· -	4th	Importance of Communication in Business
		Types and Barriers of Communication
	5th	Revision on motivation lesson
	1st	Complete revision of Unit- 6
(28 th nov to	2nd	Work Culture, TQM & Safety
03 th Dec 2022)		☐ Human relationship and Performance in Organization
	3rd	Relations with Peers, Superiors and Subordinates
	4th	TQM concepts: Quality Policy, Quality Management, Quality system
	5th	TQM concepts: Quality Policy, Quality Management, Quality system
	1st	Continued:
		TQM concepts: Quality Policy, Quality Management, Quality system
	2nd	Continued:
(05 th to 10 th	2110	TQM concepts: Quality Policy, Quality Management, Quality system
Dec 2022)	3rd	Legislation
	Jiu	a) Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights
-	4th	Features of Factories Act 1948 with Amendment (only salient points)
	5th	Features of Factories Act 1948 with Amendment (only salient points)
	J111	a curates of 1 actories (154 1740 with 1 threndment (only salient points)

(12 th Dec to	1st	Features of Payment of Wages Act 1936 (only salient points)		
	2nd	Revision of Factories Act.		
17 st Dec 2022)	3rd	Smart Technology		
17 Dec 2022)		□ Concept of IOT, How IOT works		
	4th	Continued : Smart Technology		
		□ Concept of IOT, How IOT works		
	5th	Continued : Smart Technology		
		□ Concept of IOT, How IOT works		
(19 st dec to 22 th dec 2022)	1st	Components of IOT, Characteristics of IOT, Categories of IOT		
	2nd	Applications of IOT- Smart Cities, Smart Transportation, Smart Home,		
		Smart Healthcare		
	3rd	Applications of IOT- Smart Industry, Smart Agriculture, Smart Energy		
		Management etc.		
	4th	Applications of IOT- Smart Industry, Smart Agriculture, Smart Energy		
		Management etc		

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Signature of Teaching Faculty

	Semester: 5th	Name of the Teaching Faculty: Mukunda sahoo			
Discipline: AA					
Subject: Entrepreneurs	No. of days/per week class allotted:2p/week	Semester From: 15 th September 2022 to 22 nd December 2022			
hip & Mgt & Smart Tech.	,				
Week	Class Day	Theory Topics			
	1 st	Concept /Meaning of Entrepreneurship			
		Need of Entrepreneurship Characteristics, Qualities and Types of			
(15 th sep to		entrepreneur, Functions			
16 th sep 2022)		Barriers in entrepreneurship			
		Entrepreneurs vs. Manager			
(19 th sep to	1st	Forms of Business Ownership: Sole proprietorship, partnership forms and others, Types of Industries, Concept of Start-ups			
24 nd sep 2022)	2 nd	Entrepreneurial support agencies at National, State, District Level(Sources): DIC, NSIC,OSIC, SIDBI, NABARD, Commercial Banks, KVIC etc			
	1st	Business Planning SSI, Ancillary Units, Tiny Units, Service sector Units			
(26 th sep to 1 st	2nd	Time schedule Plan, Agencies to be contacted for Project Implementation			
oct 2022)	_	Assessment of Demand and supply and Potential areas of Growth,			
		Identifying Business Opportunity Final Product selection			
(10 th Oct to	1st	Preliminary project report , Detailed project report , Techno economic Feasibility, Project Viability , Doubt clearing of Unit-3			
15 th oct 2022)	2nd	Definitions of management, Principles of management, Functions of management (planning, organising, staffing, directing and controlling etc.)			
	1st	Level of Management in an Organisation, Revision and doubt clearing of Unit 4, Inventory Management			
		☐ Need for Inventory management			
(17 th oct to 22 th					
oct 2022)	2nd	Production management			
		□ Functions, Activities			
		□ Productivity ,□ Quality control			
		□ Production Planning and control			
	1st	Continued from : Models/Techniques of Inventory management			
	2 nd	Financial Management			
(25 th oct to 29 th		☐ Functions of Financial management			
oct 2021)		☐ 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)			
	1st	Marketing Management			
(2.1st with	1	Concept of Marketing and Marketing Management			
(31 st oct to 5 th	2nd	Marketing Techniques (only concepts) Concept of 4P s (Price, Place,			
Nov 2022)	2	Product, Promotion), Human Resource Management □ Functions of Personnel Management			
	1st	Manpower Planning, Recruitment, Sources of manpower, Selection			
(07 th to 12 th Nov 2022)		process, Method of Testing, Methods of Training & Development, Payment of Wages, Revision of Unit- 5			
	2^{nd}	Introduction about Leadership & Management Leadership Definition and Need/Importance			
	1st	Qualities and functions of a leader			
(14 th nov to 19 th		Manager Vs Leader			
nov 2022)	2nd	Style of Leadership (Autocratic, Democratic, Participative), Motivation □ Definition and characteristics			

	1st	Importance of motivation			
(21 th to 26 th no		Factors affecting motivation			
	2nd	Theories of motivation (Maslow)			
2022)		Methods of Improving Motivation Importance of Communication in			
2022)		Business			
		Types and Barriers of Communication,			
(28 th nov to	1st	Complete revision of Unit- 6, Relations with Peers, Superiors and			
03 th Dec 2022)		Subordinates			
	2nd	TQM concepts: Quality Policy, Quality Management, Quality system			
	1st	Continued :			
		TQM concepts: Quality Policy, Quality Management, Quality system			
(05 th to 10 th		Features of Factories Act 1948 with Amendment (only salient points)			
Dec 2022)	2nd	Continued :			
DCC 2022)		TQM concepts: Quality Policy, Quality Management, Quality system			
		Legislation			
		a) Intellectual Property Rights(IPR), Patents, Trademarks, Copyrights			
(12 th Dec to 1st Features of Payment of Wage		Features of Payment of Wages Act 1936 (only salient points)			
17 st Dec 2022)	2nd	Revision of Factories Act. Smart Technology			
		☐ Concept of IOT, How IOT works			
(19st dec to	1st	Components of IOT, Characteristics of IOT, Categories of IOT			
22 th dec 2022)	2nd	Applications of IOT- Smart Cities, Smart Transportation, Smart Home,			
== 000 2022)		Smart Healthcare			

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Signature of Teaching Faculty