

RGPV (DIPLOMA WING) BHOPAL		OBE CURRICULUM FOR THE COURSE		FORMAT-3	Sheet No. 1/3
Branch				Semester	4th Sem.
Course Code			Course Name	Refinery Management and Economics	
Course Outcome 1	To understand the basic concept of business organization, labour and capital			Teach Hrs	Marks
Learning Outcome 1	To explain the organization, division of labour and factors of production			10	10
Contents	Production, definition, objectives, factors of production, load, labour, capital, organization characteristics and efficiency of labour division of labour, types of capital.				
Method of Assessment	Internal, pen paper test, mild sem test teaching				
Learning Outcome 2	To, explain the terms of business organization			10	10
Contents	Forms of business organization, public sector, private sector and joint sector, undertakings, classifications functions and responsibilities of entrepreneur.				
Method of Assessment	External, End Sem theory Exam				
CO2	To know industrial administration organisation, management, administration, planning controlling and factory act.				
LO3	To define management administration and organisation				
Content	Industrial administration, distinction between administration, management and organisation and organizational structure material management and personnel management.				

Assessment method	External, End Semester theory Exam Teaching hr=10 Marks=10		
LO4	To explain the planning and control in oil refinery		
Content	Pertinent to petrochemical plants and refineries, production planning and control in oil refineries and petro chemical plant.		
Method of assessment	End Sem Practical External hrs-05 Marks -10		
LO5	To know factory act, compensation, act remuneration, wages and incentives.		
Content	Industrial remuneration, wages and incentives factory act, minimum wages act, trade union act, workers compensation act.		
Assessment method	External, End semester theory exam Teaching hr=05 Marks=05		
CO3	To understanding of cost controlling break exam analysis factory records, cost accounting and balance sheet in refinery.		
LO6	To explain the cost controlling, cost accounting petroleum refinery		
Content	Cost control, cost allocation and costing method depreciation and amortization, capital investment structure and cost control in oil refinery.		
Assessment method	External End Sem Theory Exam, Surprise Test		

	Teaching hrs=05	Marks =05	
LO7	To explain the book keeping, factory records and balance sheet.		

Content	Alternative and replacement studies, book-keeping, factory records, and balance sheet.
Method of assessment	External, End Sem theory exam Teaching hr=05 Marks =05
LO8	To explain the break even analysis margin and profit in the refinery
Content	Break even analysis - Break even change simple calculation of break even point, margin of safety angle of incidence, contribution profit.
Assessment method	External, End Sem theory Exam, Surprise Test Teaching hr=10 Marks =05
LO9	To explain the shares and debentures
Content	Introduction to shares and debentures
Assessment method	External, End Sem. theory exam, surprise test Teaching hr=05 Marks =05
CO4	To provide basic knowledge of financial institutions for development of petroleum refinery industry.
LO10	To know financial institutions and there function for petroleum refinery development.
Content	Financial institutions - function and activation of following financial institutions, commercial banks, co-operative banks, industrial development banks.
Assessment method	Internal, mid sem test pen paper test Teaching hr=10 Marks =10
LO11	To explain the industrial credit, investment corporation and unit trust of India

Content	Finance corporation, Industrial development corporation, industrial credit, investment corporation, unit trust of India.
Assessment method	Internal Assignment Pen paper test, quiz
CO5	To understand the petroleum - economy of India and world.
LO12	To explain the locational factors for establishment of petroleum refinery industry
Content	Locational factors pertinent to petroleum industry.
Assessment method	External, End Sem theory exam Teaching hr=08 Marks=10
LO13	To explain Indian oil economy in the world
Content	Assessment of India oil economy in relation to that of other developing countries of the world.
Assessment method	External, End Sem theory exam Teaching hr=07 Marks=05
LO14	To know ISO certificate, PERT and CPM
Content	ISO certificate, rule, ISO-9001, ISO- 14001, PERT & CPM
Assessment method	External, End Sem theory exam Teaching hr=05