



Academic Year : 2020-2021 Institute/ Branch Name : Symbiosis Institute of International Business Programme Name : Master of Business Administration (Energy and Environment)

Color Code Description:		
Global	National / Local	Regional / National

Sr. No.	GA No.	Graduate Attributes	PO No.	Programme Outcomes
1	GA2	Global citizenship: ethical, social and professional understanding	PO1	Apply domain knowledge progressively by understanding business processes and practices in the energy-environment sector
2	GA3	Eco-literate: sensitivity towards a sustainable environment	PO2	Practice value based learning by understanding and following ethical and responsible business practices.
3	GA2	Global citizenship: ethical, social and professional understanding	PO3	Exhibit managerial skills by applying advanced understanding and problem solving for sustainable challenges.
4	GA3	Eco-literate: sensitivity towards a sustainable environment	PO4	Demonstrate global competencies, sensitivity, and adaptability to deal with the challenges of the global business environment
5	GA4	Employability: equipped with skills, attributes, leadership and entrepreneurial qualities that society needs; being capable of making a contribution to society through earning a living	PO5	Perform in accordance with industry expectations and serve society at large.

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
1	SEM III	020243311 - PP	T2193	Project Management	CO1	Importance of project management in infrastructure projects	Moderate-M	Moderate-M	Moderate-M	-	-
1					CO2	Relevance and value of business case, feasibility studies, requirement management nad planning a project	Moderate-M	Moderate-M	Moderate-M	-	-
1					CO3	Execution of a project within pre-agreed schedule, cost and quality to meet project requirements	Moderate-M	Moderate-M	Moderate-M	-	-
1					CO4	Project procurement and resource management	Moderate-M	Moderate-M	Moderate-M	-	-
1					CO5	Project risk and stakeholder management	Moderate-M	Moderate-M	Moderate-M	-	-
2	SEM III	020243313 - PP	T2425	Oil and Gas-Processing and Distribution	CO1	Analyze the hydrocarbon value chain	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
2					CO2	Assess the impact of Oil & Gas sourcing (imports) on Indian economy and energy security	Moderate-M	Moderate-M	Moderate-M	Moderate-M	-
2					CO3	Learn the management of health, safety & environment in the Oil and Gas sector	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
2					CO4	Carry out Process/operations mapping of Oil & Gas business	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
3	SEM I	0202430101 - PP	T2408	Non Renewable Energy Sources			-	-	-	-	-

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3					CO2	Predict and compute the energy demand scenario in India	-	-	Moderate-M	-	-
3					CO3	Relate to appropriate non-conventional energy sources for power generation & management for a business activity	-	-	-	Moderate-M	-
3					CO4	Interpret the global energy scenarios in various sectors	-	-	-	-	Moderate-M
4	SEM I	0202430102 - PP	T2816	Renewable Energy Sources and Technologies	CO1	Relate various sources of renewable energy to energy security	Strong-H	-	-	-	-
4					CO2	Compute and predict the renewable energy demand scenario in India	-	Strong-H	-	-	-
4					CO3	Describe the fundamentals of various renewable energy conversion processes	-	-	Moderate-M	-	-
4					CO4	Identify various factors that impact the performance of the different technologies	-	Moderate-M	-	-	-
4					CO5	Carry out field projects in the sector of renewable energy.	-	-	-	-	Strong-H
4					CO6	Choose an approach for renewable energy production & management	-	-	-	Strong-H	-
4					CO7	Interpret the global renewable energy scenario with Indian Energy scenario	-	-	-	-	Moderate-M
5	SEM I	0202430103 - PP	T3439	Advance Data Driven Decision Making	CO1	""To Understand and recognize the significance of data and data analysis in the Business Scenarios for facilitating data driven decision making by managers. "	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
5					CO2	To apply spreadsheet and database application tools for data analysis and decision making	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
5					CO3	To evaluate basic and advanced tools of spreadsheet and database management for decision making	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
5					CO4	To evaluate What-If Analysis scenarios and interpret the data for decision making	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
5					CO5	To analyze large datasets and evaluate decision making	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
6	SEM I	0202430104 - PP	T2778	Basics of Financial Management	CO1	Understanding the Indian financial Markets	Moderate-M	Strong-H	Moderate-M	Weak-L	Weak-L
6					CO2	Apply & analyse the concepts in real life situations.	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
6					CO3	Evaluate various theories related to different concepts	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L
6					CO4	Develop an analytical approach to corporate finance decision making	Moderate-M	Moderate-M	Strong-H	Weak-L	Strong-H
6					CO5	Analyzing the various sources of finance and for decision making	Strong-H	Strong-H	Strong-H	Weak-L	Moderate-M
7	SEM I	0202430105 - PP	T2239	Business Communication	CO1	Understand the meaning and importance of communication in current globalized scenario.	Moderate-M	-	-	-	Strong-H
7					CO2	Communicate effectively in a professional environment.	Strong-H	Moderate-M	Moderate-M	Moderate-M	-
7					CO3	Overcome communication barriers by using tools and methods of effective communication.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
7					CO4	Effectively use latest communication technologies.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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8	SEM I	0202430106 - PP	T2216	Business Statistics	CO1	students will be able to present, analyze and interpret data.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
8					CO2	students will be able to apply statistical, analytical skills to enable them to make the optimum decisions.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
8					CO3	students will be able to calculate different statistical tools and its use in decision making.	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
8					CO4	students will be able to draw inferences from samples collected from large datasets.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
8					CO5	students will be able to understand the significance of univariate and multivariate statistical techniques and their applications in different business domains.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
9	SEM I	0202430107 - PP	T2412	Climate Change, Carbon Markets and Financing	CO1	Understand global climate change for business and industry relevance	Strong-H	Moderate-M	Strong-H	Weak-L	Moderate-M
9					CO2	Relationship between climate change, energy development and economic growth	Strong-H	Moderate-M	Strong-H	Moderate-M	Weak-L
9					CO3	Analyze the impact of climate change and its linkages to resource use and efficiency	Strong-H	Strong-H	Moderate-M	Weak-L	Moderate-M
9					CO4	Understand the global carbon market scenario and its importance to regional market mechanisms and financing	Strong-H	Weak-L	Strong-H	Strong-H	Moderate-M
9					CO5	Formulate responses for mitigating business risks from climate change impacts	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
10	SEM I	0202430108 - PP	T2442	Environment Impact Assessment	CO1	Students will be able to understand and perform the EIA process with respect to Indian scenario	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
10					CO2	Students will be able to compare the Indian EIA process with other developing and developed countries	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
10					CO3	To demonstrate and execute the process, applications and institutional mechanism involved in EIA system for energy and environment sector.	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
10					CO4	Able to critically analyze the EIA challenges and issues in Indian context	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
10					CO5	Students will be able to apply the methodologies of EIA for execution process	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
11	SEM I	0202430109 - PP	T2114	Essentials of Marketing Management	CO1	To understand the basic concepts of marketing	Strong-H	Weak-L	Weak-L	Moderate-M	Moderate-M
11					CO2	To apply the knowledge in various sectors	Strong-H	Moderate-M	Weak-L	Moderate-M	Moderate-M
11					CO3	To understand the market condition through market research	Moderate-M	Weak-L	Strong-H	Moderate-M	Weak-L
11					CO4	To analyze the market condition and work on strategy	Moderate-M	Weak-L	Strong-H	Moderate-M	Moderate-M
11					CO5	To evaluate the global market situation	Moderate-M	Moderate-M	Moderate-M	Weak-L	Moderate-M

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12	SEM I	0202430110 - PP	T2003	Financial Accounting	CO1	Understanding of basic concepts in financial accounting	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
12					CO2	Describe the main elements of financial accounting information - assets, liabilities, revenue and expenses	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
12					CO3	Knowledge of accounting principles and techniques	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
12					CO4	Knowledge of the accounting cycle	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
12					CO5	Ability to evaluate financial results through examination of relevant data (i.e., income statement, balance sheet, cash flow statement and budgets)	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
13	SEM I	0202430111 - PP	T2446	Governance and Corporate Sustainability	CO1	Understand and define the concepts of sustainability for business and industry	Strong-H	Moderate-M	Weak-L	Weak-L	Moderate-M
13					CO2	Explore the relationship between economic , social and environmental dimension of sustainability	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
13					CO3	Interpret the policy and regulatory framework of corporate sustainability	Weak-L	Moderate-M	Strong-H	Moderate-M	Moderate-M
13					CO4	Choose the appropriate standard for applying the corporate sustainability practices	Moderate-M	Moderate-M	Strong-H	Strong-H	Moderate-M
13					CO5	Assess various sustainability framework and models for competitive advantage	Weak-L	Moderate-M	Strong-H	Strong-H	Moderate-M
14	SEM I	0202430112 - PP	T2572	Human Resource Management	CO1	Recall basic human resource management functions and concepts	Strong-H	Weak-L	Moderate-M	Moderate-M	Weak-L
14					CO2	Identify people related issues in organizations	Weak-L	Strong-H	Moderate-M	Moderate-M	Weak-L
14					CO3	Apply Human Resource practises ethically	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
14					CO4	Interpret Human Resource processes appropriately keeping in mind the local and the global context	Weak-L	Weak-L	Moderate-M	Strong-H	Moderate-M
14					CO5	Demonstrate an understanding of the changing HRM needs of the global workforce	Weak-L	Weak-L	Weak-L	Strong-H	Moderate-M
15	SEM I	0202430113 - PP	T6075	Managerial Economics	CO1	Ability to understand basic functions of the economy and market Machanism	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H
15					CO2	Evaluate and differentiate markets and analyze product and price functions	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
15					CO3	Analyse various cost concepts	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
15					CO4	Analyze various market structures	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
15					CO5	Analyze the role of profit and problem of owner agent dilemma	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
16	SEM I	0202430114 - PP	T2224	Research Methodology	CO1	To enable students comprehend research issues	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
16					CO2	To identify research questions and formulate research hypothesis.	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
16					CO3	To introduce various techniques of research design and data collection.	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L

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16					CO4	To identify data crunching techniques for qualitative and quantitative research.	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
16					CO5	To Conduct research writing in the topic of interest	Weak-L	Weak-L	Strong-H	Weak-L	Weak-L
17	SEM I	0202430116 - PP	T6012	Basic German I	CO1	Speaking skills: Basic communication; usage of colloquial language e.g. introducing oneself and others, ordering in a restaurant, booking tickets, describing the way, shopping, expressing likes and dislikes, using simple and general specific German terms and expressions etc.	Moderate-M	-	-	-	-
17					CO2	Reading skills: Comprehending the gist of simple texts related to everyday life, selective and global understanding of texts, highlighting the cultural aspects etc.	Moderate-M	-	-	-	-
17					CO3	Listening skills: Can understand simple authentic audio texts, pronunciation, accent, intonation, simple sentences, common structures and words from important everyday situations (e.g. basic personal and family information, shopping, local area)	Moderate-M	-	-	-	-
17					CO4	Writing skills: Ability to construct simple sentences related to oneself as well as others, filling official forms, etc.	Moderate-M	-	-	-	-
17					CO5	Grammar: Exposure to some simple aspects and rules of grammar in order to facilitate sentence formation.	Moderate-M	-	-	-	-
18	SEM I	0202430117 - PP	T6014	Basic French I	CO1	To speak basic French	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
18					CO2	To understand and listen basic French	Moderate-M	Moderate-M	-	Moderate-M	-
18					CO3	To write basic French	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
18					CO4	To read basic French	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
19	SEM I	0202430118 - PP	T6016	Basic Spanish I	CO1	To speak basic Spanish	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
19					CO2	To understand and listen basic Spanish	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
19					CO3	To read basic Spanish	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
19					CO4	To write basic Spanish	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
20	SEM I	0202430119 - PP	T6674	Basic Japanese I	CO1	To speak basic Japanese	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
20					CO2	To understand and listen basic Japanese	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
20					CO3	To read basic Japanese	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
20					CO4	To write basic Japanese	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
21	SEM II	0202430201 - PP	T2405	Energy Audits and Energy Management	CO1	Students should be able to categorise the electrical and thermal energy systems	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
21					CO2	Students should be able to compare Energy Conservation Potential & Opportunities available in energy systems from an energy intensive industry perspective	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H

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21					CO3	Formulate sectoral energy audit plans and processes suitable for specific industries and organisations.	Strong-H	Strong-H	Strong-H	Moderate-M	Strong-H
21					CO4	Basics of Electrical & Thermal Energy Systems	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
21					CO5	Energy Conservation Potential & Opportunities in Electrical System & Major Equipment	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
22	SEM II	0202430202 - PP	T2034	Financial Management	CO1	Develop an analytical approach to corporate finance decision making	Strong-H	Strong-H	Strong-H	Moderate-M	Moderate-M
22					CO2	Apply & analyze the concepts in real life situations.	Strong-H	Strong-H	Moderate-M	Moderate-M	Moderate-M
22					CO3	Evaluate various theories related to different concepts	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
22					CO4	Develop and analyse the concept in project finance	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
22					CO5	Apply and analyse the concepts IN investment decision making	Strong-H	Weak-L	Strong-H	Moderate-M	Moderate-M
23	SEM II	0202430203 - PP	T2814	Business and Natural Capital Management	CO1	Students will be able to develop knowledge for business linkage and natural capital management for sustainable growth	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
23					CO2	Students will be able to apply and demonstrate the theories through practical experience in real world	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
23					CO3	Students will be able to perform valuation methods for valuing natural resources required for environmental planning	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
23					CO4	Students will be able to demonstrate various valuation tools available for managing environmental resources	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
23					CO5	Students will be able to explain the risks associated with the Ecosystem service losses and opportunities existing for business	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
24	SEM II	0202430204 - PP	T2006	Cost Accounting	CO1	Describe how cost accounting is used for decision making and performance evaluation.	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
24					CO2	Explain the basic concept of cost and how costs are presented in financial statements.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
24					CO3	Demonstrate how materials, labour and overhead costs are added to a product at each stage of the production cycle	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
24					CO4	Discuss the methods and techniques of costing.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
24					CO5	To apply the concepts in managerial planning, decision making& controlling	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
25	SEM II	0202430205 - PP	T2405	Environment Management Systems	CO1	Students will be able to understand the concept of EMS and ISO standard	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
25					CO2	Students will be able to plan EMS related activities as per the requirement of standard	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
25					CO3	Students will be able to analyze information as per the ISO standard and challenges in a company	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H

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25					CO4	Students will be able to develop EMS for any process as per the requirement	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
25					CO5	Student will be able to apply the knowledge of ISO 14001 in documentation and audit activities.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
26	SEM II	0202430206 - PP	T2385	Export Import Management	CO1	Apply knowledge of Export and Import in formulating strategies in international Trade	Moderate-M	Strong-H	Moderate-M	Moderate-M	Moderate-M
26					CO2	Demonstrate knowledge of Export and Import Procedures and Documentation	Strong-H	Moderate-M	Moderate-M	Moderate-M	Moderate-M
26					CO3	Solve practical issues faced by the Indian Exporters and Importers	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
26					CO4	Evaluate on the potential Export Import Business & Job Opportunities	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
26					CO5	Can Create their own Export-Import Firm	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
27	SEM II	0202430207 - PP	T2387	Global Business Environment	CO1	Interpret international issues for designing corporate strategies in a fast changing global environment.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
27					CO2	Compare and contrast how businesses and managers match decisions for creating competitive advantage in the global environment.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
27					CO3	Analyse the basic macroeconomic relationships as they affect the behaviour of firm in the international context	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
27					CO4	To analyse the various market entry strategies	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
27					CO5	To develop the required skills to deal in global market	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
28	SEM II	0202430209 - PP	T2220	Operations Research	CO1	students will be able to synthesize and solve real life decision making problems in operations industry.	Strong-H	Moderate-M	Moderate-M	Moderate-M	Strong-H
28					CO2	students will be able to capitalize on the power of Operations Research (OR) in resource management .	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
28					CO3	students will be able to calculate different operations research tools and its use in decision making.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
28					CO4	students will be able to formulate decision making models encountered in businesses.	Strong-H	Moderate-M	Moderate-M	Strong-H	Strong-H
28					CO5	students will be able to analyze business problems using the power of well-known operational research tools and techniques.	Moderate-M	Strong-H	Strong-H	Strong-H	Moderate-M
29	SEM II	0202430210 - PP	T2573	Organizational Behaviour	CO1	Understand basic Organizational Behavior concepts.	Strong-H	Weak-L	Weak-L	Weak-L	Weak-L
29					CO2	Describe how organizational behavior issues affect the performance and effectiveness of the individuals, groups and organizations.	Strong-H	Moderate-M	Weak-L	Moderate-M	Strong-H
29					CO3	Applying, implementing solutions for resolving Organizational Behavior Issues ethically in the organizations. Solve Organizational and Human Resource issues ethically	Moderate-M	Strong-H	Moderate-M	Weak-L	Strong-H
29					CO4	Analyzing, Comparing the Organizational Behavior related issues, practices	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
29					CO5	Enhancing Interpersonal skills, people skills	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H

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30	SEM II	0202430211 - PP	T2416	Sustainability Standards - Application, Analysis and Reporting	CO1	Analysing concepts of corporate sustainability in energy and environment sector for business	Strong-H	Moderate-M	Moderate-M	Weak-L	Weak-L
30					CO2	Examine sustainability systems and processes used in industry and their relevance for society	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
30					CO3	Categorise global sustainability standards, methodologies and tools and their applications in industry	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
30					CO4	Evaluate sustainability models and frameworks for application in Business	Weak-L	Moderate-M	Strong-H	Strong-H	Strong-H
30					CO5	Develop sustainability assurance procedures for Business reporting processes	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H
31	SEM II	0202430212 - PP	T2513	Marketing Research	CO1	To understand the basic concepts of marketing research	Strong-H	Strong-H	Moderate-M	Weak-L	Weak-L
31					CO2	To understand the research process and research design	Moderate-M	Moderate-M	Strong-H	Strong-H	Weak-L
31					CO3	To apply the concepts of research design in business decision making	Weak-L	Weak-L	Strong-H	Strong-H	Moderate-M
31					CO4	To apply various analytical and statistical techniques for problem-solving research	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
31					CO5	To design and implement independent market research project, and report findings	Weak-L	Weak-L	Moderate-M	Strong-H	Strong-H
32	SEM II	0202430213 - PP	T2152	Business to Business Marketing	CO1	To study & apply marketing planning and decision making in B2B Markets	Moderate-M	-	-	-	-
32					CO2	To analyse & solve actual problems in the form of case studies encounter in today's B2B market place.	-	-	Moderate-M	-	-
32					CO3	To understand the best practices in various B2B Marketing Management field	-	-	Strong-H	-	Strong-H
33	SEM II	0202430214 - PP	T4005	Integrated Disaster Management *	CO1	To enable student understand various types of disasters, its preparedness and management.	Moderate-M	Moderate-M	Moderate-M	-	-
33					CO2	To instill knowledge on reducing disasters and capacity building through community participation	Moderate-M	Moderate-M	Moderate-M	-	-
33					CO3	To train students to perform First aid and CPR in an emergency.	Moderate-M	Moderate-M	Moderate-M	-	-
33					CO4	Emergency methods for carrying of casualty, Rescue operation in different types of Emergencies, Rescue operation in different types of Emergencies	Moderate-M	Moderate-M	Moderate-M	-	-
33					CO5	Accident Prevention, Reporting, Registration Investigation	Moderate-M	Moderate-M	Moderate-M	-	-
33					CO6	Fire -Home Safety, Workplace Safety	Moderate-M	Moderate-M	Moderate-M	-	-
33					CO7	First - Aid	Moderate-M	Moderate-M	Moderate-M	-	-
34	SEM II	0202430216 - PP	T6015	Basic French II	CO1	Insight about French culture and society	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

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34					CO2	Utilize effective communication skills	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
34					CO3	Assess and communicate information	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
34					CO4	Personal and individual development	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
34					CO5	Identify day to day situations and converse effectively using acquired domain knowledge	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
35	SEM II	0202430217 - PP	T6017	Basic Spanish II	CO1	Insight about Spanish culture and society	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
35					CO2	Utilize effective communication skills	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
35					CO3	Assess and communicate information	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
36	SEM II	0202430219 - PP	T4665	Well for Life	CO1	Acquire knowledge and skills for life long participation in physical activity	Moderate-M	Moderate-M	Moderate-M	-	-
36					CO2	Improving quality of life through practice of yoga	Moderate-M	Moderate-M	Moderate-M	-	-
36					CO3	Achieving optimum health benefits	Moderate-M	Moderate-M	Moderate-M	-	-
36					CO4	To improve physical and mental well-being.	Moderate-M	Moderate-M	Moderate-M	-	-
37	SEM III	020243301 - PP	T2905	Internship	CO1	Provide students with an opportunity to conduct research using qualitative and quantitative techniques	-	Strong-H	-	Strong-H	-
37					CO2	Assess business processes through experiential learning techniques, tools and research methodologies	-	Strong-H	-	Strong-H	-
37					CO3	Analyze results obtained from interdisciplinary management project areas	-	Strong-H	-	Strong-H	-
37					CO4	Interpret and recommend solutions to emerging issues on management disciplines	-	Strong-H	-	Strong-H	-
38	SEM III	020243302 - PP	T2815	Advanced Energy Management	CO1	Understand the regulatory process in energy Management in India and at global level	Strong-H	-	-	-	-
38					CO2	Study the evaluation techniques related to industry energy efficiency and market mechanisms	Moderate-M	-	-	-	-
38					CO3	compare various sectors of industry on energy efficiency parameters	-	-	Strong-H	-	-
39	SEM III	020243303 - PP	T2255	Advanced Strategic Management	CO1	Students will be able to evaluate strategic situations and recommend decisions based on analysis using the tools taught in the course	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
39					CO2	Students will be able to evaluate the implementation of strategy and make a choice of suitable tools for strategy implementation	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
39					CO3	Students will be able to recommend the use of suitable strategic planning methods, approaches for innovation in order to drive competitive advantage for the firm	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
39					CO4	Students will be able to evaluate the existing market conditions and make decisions related to the use of 'strategy as stretch'	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
39					CO5	students will be able to make decisions to create competitive advantage for organizations	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
40	SEM III	020243304 - PP	T3392	ERP-Business Process Integration	CO1	To Understand and recognize the significance of Enterprise Resource Planning in the Business perspective and for managers with reference to various modules	Moderate-M	Moderate-M	Strong-H	Strong-H	Strong-H
40					CO2	To apply the concepts of ERP using SAP as a platform with Accounting , Materials Management and Sales business process.	Moderate-M	Strong-H	Strong-H	Strong-H	Strong-H
40					CO3	To analyze the business scenario and implement the Accounting, Procurement and Sales Process for a IDE company using the selected dataset on SAP platform	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
40					CO4	To evaluate various reports, master data and organisation structure for the Accounting, Procurement and Sales process for the selected data set.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
40					CO5	To Apply the concepts to a business case and develop a an ERP implementation roadmap for FICO, MM and SD either on field or in class	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
41	SEM III	020243305 - PP	T2428	Safety and Quality Management	CO1	To understand and explain the basic concepts of EHS values, safety management and its importance for industries	Strong-H	-	-	-	-
41					CO2	Students will be able to demonstrate the application of safety management procedures	-	Strong-H	-	-	-
42	SEM III	020243306 - PP	T2828	Six Sigma	CO1	Describe the concepts of Six Sigma as a quality improvement tool.	Strong-H	-	-	-	-
42					CO2	Explain the complete DMAIC cycle in detail	Moderate-M	-	-	-	-
42					CO3	Analyze different cases of Six Sigma implementation	-	Moderate-M	-	-	-
42					CO4	Apply Six Sigma concepts using software systems	-	Moderate-M	-	-	-
43	SEM III	020243307 - PP	T3517	Energy Analytics	CO1	Understand the linkages between and energy and Information Technology in India and at global level	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
43					CO2	Study the techniques related to industry energy efficiency and data analytics through data set mining	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
43					CO3	Evaluate energy performance of various industry sectors using application of data analytical tools and simulation	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
43					CO4	Evaluate energy performance of various industry sectors using application of data analytical tools and simulation	Strong-H	Moderate-M	Strong-H	Strong-H	Moderate-M
43					CO5	Evaluate energy performance of various industry sectors using application of data analytical tools and simulation	Moderate-M	Moderate-M	Moderate-M	Strong-H	Strong-H
44	SEM III	020243310 - PP	T2401	Contracting in Energy Sector	CO1	Over View of Contract Management for Projects	Strong-H	-	-	-	-
44					CO2	Contracting to arrest Profit Leakage	-	Strong-H	-	-	-
44					CO3	Contracting for large Complex Projects	Moderate-M	-	-	-	-
45	SEM III	020243312 - PP	T2444	Public Private Partnerships	CO1	Analyze stakeholders' requirements to meet PPP objectives	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M

Sr. No.	Semester	Institute Course Code	Catalog Course Code	Title	Course Outcome No	Course Outcome Statement	PO1	PO2	PO3	PO4	PO5
45					CO2	Establish the criteria for public private partnership	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
45					CO3	Choose the appropriate agreement	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
45					CO4	Establish key success factors to create successful PPP business model	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
46	SEM III	020243313 - PP	T2655	Renewable Energy Project Development and Finance	CO1	Relate various sources of renewable energy to energy security	Strong-H	Weak-L	Weak-L	Moderate-M	Weak-L
46					CO2	Compute and predict the renewable energy demand scenario in India	Strong-H	Strong-H	Moderate-M	Strong-H	Moderate-M
46					CO3	Describe the fundamentals of various renewable energy conversion processes	Moderate-M	Strong-H	Strong-H	Weak-L	Strong-H
46					CO4	Identify various factors that impact the performance of the different technologies	Moderate-M	Strong-H	Strong-H	Moderate-M	Moderate-M
46					CO5	Carry out field projects in the sector of renewable energy.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Strong-H
46					CO6	Choose an approach for renewable energy production & management	Moderate-M	Weak-L	Strong-H	Strong-H	Strong-H
46					CO7	Interpret the global renewable energy scenario with Indian Energy scenario	Strong-H	Moderate-M	Strong-H	Strong-H	Strong-H
47	SEM III	020243314 - PP	T2170	Sustainable Supply Chain	CO1	To define the three building blocks of sustainability.	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
47					CO2	To demonstrate and analyze the importance of sustainable supply chain practices on business performance	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
47					CO3	To construct the tools and techniques of developing sustainable the supply chain	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
47					CO4	To design and develop sustainable supply chain performance optimization model	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
47					CO5	To analyze the different best practices for sustainable supply chain management	Moderate-M	Moderate-M	Moderate-M	Moderate-M	Moderate-M
48	SEM IV	020243402 - PP	T2767	Industrial Ecology and Waste management	CO1	Students should be able to examine existing regulatory policies and frameworks for Industrial ecology	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
48					CO2	Students should be able to analyse the need of industrial ecology and its role in waste management.	Strong-H	Strong-H	Moderate-M	Strong-H	Strong-H
48					CO3	Students should be able to critically analyze the waste management methods, challenges and issues in Indian context.	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
48					CO4	Students should be able to prepare the integrated waste management plan	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
48					CO5	Student should be able to apply Life cycle thinking into the waste management planning	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
49	SEM IV	020243405 - PP	T2403	Business and Social Impact Management	CO1	Students should be able to explain the basic concepts of triple bottom line and its relevance to society, equity and development	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H

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49					CO2	Students should be able to analyse the strategies involves in corporate social activities and its impact on the society and business	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
49					CO3	Students should be able to organize and assess the social impact of the projects	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
49					CO4	Students should be able to compare the business impact on societies and communities	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
49					CO5	Students should be able to apply the tools and methodologies of impact assessment	Strong-H	Strong-H	Strong-H	Strong-H	Strong-H
50	SEM IV	020243406 - PP	T2409	Electricity Regulatory Issues and Mechanisms	CO1	Understand past regulation in the Indian electricity sector	Moderate-M	Strong-H	Moderate-M	Strong-H	Moderate-M
50					CO2	Overview of current and active regulations for the sector	Strong-H	Strong-H	Moderate-M	Moderate-M	Strong-H
50					CO3	Overview of proposed reforms in the indian electricity sector	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
50					CO4	Analyze the impact of proposed and current polices on key sector players	Moderate-M	Strong-H	Moderate-M	Moderate-M	Strong-H
50					CO5	Understand past regulation in the Indian electricity sector	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
51	SEM IV	020243408 - PP	T2145	Sustainable Marketing	CO1	Understand and apply the sustainability Principles in business	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H
51					CO2	Understanding concept theories and framework of environmental sustainability through sustainable marketing values	Strong-H	Moderate-M	Moderate-M	Strong-H	Moderate-M
51					CO3	Understanding the role of ethics and morality in marketing	Strong-H	Moderate-M	Strong-H	Moderate-M	Strong-H