GOKHALE INSTITUTE OF POLITICS AND ECONOMICS, PUNE

Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment & Sustainability and other value framework enshrined in Sustainable Development goals and National Education Policy – 2020 into the Curriculum

Program Name	Course Code	Course Name	Integration with Sustainable Development goals
B.Sc. (ECONOMICS)			
1	**B-A-01**	**Introduction to Calculus for Economics**	This course aligns with SDG 8 (Decent Work and Economic Growth) and SDG 9 (Industry, Innovation, and Infrastructure) through the application of optimization techniques to economic models, resource management, and efficiency improvements, which support sustainable economic growth and innovation in industries. Other sections like differentiation and integral calculus provide foundational knowledge that can be applied in broader contexts related to sustainable development initiatives.
2	**B-A-02**	**Introduction to Statistics with Spreadsheet & SPSS**	This course connects with SDG 4 (Quality Education) and SDG 9 (Industry, Innovation, and Infrastructure) through its emphasis on data analysis, probability, and regression techniques, which are essential in educational research, statistical modeling, and industrial innovation. Statistical tools help in decision-making, resource management, and improving processes, directly supporting sustainable development goals related to education and infrastructure.

3	B-A-03	**Basic Financial Methods**	This course aligns with SDG 8 (Decent Work and Economic Growth) and SDG 9 (Industry, Innovation, and Infrastructure) by emphasizing financial theory, risk management, and bond markets. Understanding financial systems, time value of money, and investment strategies contributes to sustainable economic growth and helps in building robust financial infrastructure for businesses and industries. It also promotes informed financial decision-making, essential for sustainable development.
4	B-A-04	**Database Management System**	This course aligns with SDG 9 (Industry, Innovation, and Infrastructure) and SDG 12 (Responsible Consumption and Production) by emphasizing efficient data management, warehousing, and business intelligence. These are essential for optimizing resource use, improving decision-making, and fostering innovation in industries. Proper database management supports sustainable infrastructure development, data-driven business strategies, and responsible consumption of technological resources.
5	B-A-05	**Principles of Economics**	This course aligns with SDG 8 (Decent Work and Economic Growth) and SDG 10 (Reduced Inequality) by teaching concepts such as trade, market failure, and macroeconomic theory, which are essential for understanding economic growth, efficient resource allocation, and inequality reduction. It also touches on the role of government and market regulation, which can contribute to sustainable economic policies and more equitable global economic practices.

6	B-A-06	**Communication and Presentation Skills**	This course aligns with SDG 4 (Quality Education) and SDG 10 (Reduced Inequality) by fostering clear communication and effective presentation skills, which are crucial for personal and professional development. These skills contribute to reducing inequalities by improving cross-cultural understanding and facilitating better communication in diverse settings. They also support quality education by enhancing students' ability to share ideas and information clearly and confidently
7	B-A-07	**Principles of Microeconomics**	This course aligns with SDG 8 (Decent Work and Economic Growth) and SDG 12 (Responsible Consumption and Production) by teaching fundamental economic principles, demand and supply, consumer and producer theory. These concepts help students understand resource allocation, market dynamics, and how economic incentives influence behavior, all of which are crucial for fostering sustainable economic growth and promoting responsible consumption and production in real-world scenarios.
8	B-A-08	**Intermediate statistics using spreadsheets and SPSS**	This course connects with SDG 4 (Quality Education) and SDG 9 (Industry, Innovation, and Infrastructure) through its emphasis on data analysis, probability, and regression techniques, which are essential in educational research, statistical modeling, and industrial innovation. Statistical tools help in decision-making, resource management, and improving processes, directly supporting sustainable development goals related to education and infrastructure.

9	B-A-09	**Intermediate Calculus for Economics**	This course aligns with SDG 8 (Decent Work and Economic Growth) and SDG 9 (Industry, Innovation, and Infrastructure) through the application of optimization techniques to economic models, resource management, and efficiency improvements, which support sustainable economic growth and innovation in industries. Other sections like differentiation and integral calculus provide foundational knowledge that can be applied in broader contexts related to sustainable development initiatives.
10	B-A-10	**Business Communication**	This course aligns with SDG 4 (Quality Education) by enhancing essential communication skills, both written and verbal, that are vital for personal and professional development. It also supports SDG 8 (Decent Work and Economic Growth) by improving employability through effective communication. The course connects with SDG 9 (Industry, Innovation, and Infrastructure) by fostering communication in organizational and professional settings, and SDG 10 (Reduced Inequality) by promoting cross-cultural communication and inclusivity in diverse environments.
11	B-A-11	**Introduction to Cost and Management Accounting**	This course aligns with SDG 8 (Decent Work and Economic Growth) by teaching students cost management, pricing strategies, and financial accounting, which are essential for making informed economic decisions and enhancing business performance. It also supports SDG 9 (Industry, Innovation, and Infrastructure) by equipping students with skills related to cost accounting and management practices that are crucial for financial planning, innovation, and the sustainability of industries.

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12	B-A-12	**Introduction to Sociology**	This course aligns with SDG 4 (Quality Education) by providing a foundation in sociological concepts and critical thinking. It supports SDG 5 (Gender Equality) by addressing social structures and norms that influence gender roles. SDG 10 (Reduced Inequality) is promoted through the study of socialization, social control, and multiculturalism, which helps students understand how inequalities are shaped and perpetuated. Finally, the course supports SDG 16 (Peace, Justice, and Strong Institutions) by studying social control, conflict, and sociological thought that influences the development of peaceful and just societies.
13	B-A-13	**Demography**	This course aligns with SDG 3 (Good Health and Well-Being) by exploring population dynamics, fertility, mortality, and migration, which directly influence public health policies. It supports SDG 5 (Gender Equality) by analyzing demographic factors such as sex ratio and women's role in population growth. SDG 10 (Reduced Inequality) is addressed through the study of population structures, literacy, workforce dynamics, and urbanization, highlighting disparities within and across regions. Additionally, it connects with SDG 11 (Sustainable Cities and Communities) by focusing on urbanization and population distribution, essential for sustainable urban planning.

14	B-A-14	**Principles of Macroeconomics**	This course aligns with SDG 8 (Decent Work and Economic Growth) by introducing key macroeconomic concepts such as national income, investment, unemployment, and economic growth, which are critical for promoting sustainable economic policies. It also supports SDG 10 (Reduced Inequality) by addressing the role of fiscal and monetary policies in managing economic fluctuations, unemployment, and inflation, which directly impact income inequality and social welfare.
15	B-A-15	**The Interplay of Economic Theory and Data**	This course aligns with SDG 8 (Decent Work and Economic Growth) by equipping students with skills in data analysis and its role in economic theory, helping to inform sustainable economic policies and decisions. It supports SDG 9 (Industry, Innovation, and Infrastructure) by teaching students how to leverage data for research and innovation in economic contexts. Additionally, it contributes to SDG 17 (Partnerships for the Goals) by emphasizing global and Indian data sources, fostering collaboration and knowledge-sharing across borders for economic development.
16	B-A-16	**Introduction to Theory of Econometrics**	This course aligns with SDG 8 (Decent Work and Economic Growth) by providing students with essential econometric tools like regression analysis, which are crucial for informed economic decision-making and fostering sustainable growth. It also supports SDG 9 (Industry, Innovation, and Infrastructure) by teaching students how to apply econometric techniques to analyze data, solve practical problems, and contribute to innovative research in economics and other related fields.

17	B-A-17	**Operations Research**	This course aligns with SDG 8 (Decent Work and Economic Growth) by equipping students with problem-solving and optimization techniques, which are crucial for improving decision-making in business operations and contributing to economic efficiency. It also supports SDG 9 (Industry, Innovation, and Infrastructure) by introducing advanced mathematical and analytical methods like linear programming, Markov chains, and simulation modeling, which are vital for fostering innovation, optimizing industrial processes, and building resilient infrastructure.
18	B-A-18	**Intermediate Microeconomics**	This course aligns with SDG 8 (Decent Work and Economic Growth) by teaching students the fundamentals of market structures, competition, and resource allocation, which are crucial for economic growth and job creation. It supports SDG 9 (Industry, Innovation, and Infrastructure) by analyzing market dynamics and productivity in land and labor markets, which contribute to industrial development. Additionally, SDG 10 (Reduced Inequality) is addressed through the study of market failures, externalities, and information asymmetry, helping students understand how to address inequality in economic systems.

19	B-A-19	**Introduction to Marketing and Pricing Strategy**	This course aligns with SDG 8 (Decent Work and Economic Growth) by teaching students marketing strategies that help businesses grow sustainably, create value, and foster innovation. It also connects with SDG 12 (Responsible Consumption and Production) by analyzing consumer behavior, market segmentation, and pricing strategies that encourage sustainable and ethical business practices, ensuring that companies meet customer needs while promoting responsible production and consumption patterns.
20	B-A-20	**Intermediate Macroeconomics**	This course aligns with SDG 8 (Decent Work and Economic Growth) by providing students with a deep understanding of macroeconomic theories, such as aggregate demand and supply, that are essential for managing economic growth, inflation, and unemployment. It also aligns with SDG 10 (Reduced Inequalities) by analyzing open economy models and policies that affect international trade, exchange rates, and income distribution, helping students understand how macroeconomic decisions can reduce economic inequality.
21	B-A-21	**Econometrics with R and Python**	This course helps students learn econometric tools using R and Python, aligning with SDG 9 by fostering technological innovation and modern statistical methods. The course encourages the use of advanced computing tools for data analysis, promoting sustainable infrastructure in research, data handling, and econometric model building.

22	B-A-37	Indian Economy: An Overview	This course explores key milestones in India's economic development, aligning with SDG 8 by addressing sustainable economic growth and SDG 10 by examining policies and reforms that aim to reduce income inequalities. The course encourages critical thinking on poverty reduction and social security initiatives.
23	B-A-23	Development Economics	This course delves into theories of growth and development, aligning with SDG 1 by exploring measures to alleviate poverty, SDG 8 by studying economic models that promote inclusive and sustained growth, and SDG 10 by addressing income inequality and its implications for development.
24	B-A-24	Research Methodology	This course introduces students to research methodologies, aligning with SDG 4 by fostering research skills critical for quality education and SDG 9 by promoting innovative data collection and analysis methods. The course prepares students for impactful academic and policy-oriented research.
25	B-A-25	Advanced Analytics Using R and Python	This course equips students with advanced machine learning tools and techniques, aligning with SDG 9 by fostering innovation through the use of data-driven decision-making and the development of predictive models using R and Python, contributing to industry and technological growth.

26	B-A-26	International Trade: Pure Theory	This course provides an understanding of international trade theories, aligning with SDG 8 by addressing the global economy's role in promoting sustainable trade and SDG 17 by encouraging global partnerships to enhance trade cooperation and reduce trade barriers. The course emphasizes equitable trade practices and their impact on global economic growth.
27	B-A-27	Indian Public Finance	This course introduces students to the role of government in economic activities, the structure of public expenditure, and taxation, aligning with SDG 16 by emphasizing the importance of strong institutions, transparent governance, and equitable distribution through fiscal policies that ensure justice and peace.
28	B-A-38	Indian Economy: A Sectoral Approach	This course examines agriculture, industry, services, and their role in the Indian economy, aligning with SDG 8 by focusing on inclusive and sustainable economic growth and SDG 9 by promoting industry, innovation, and infrastructure development.
29	B-A-29	Money Banking & Financial Markets	This course focuses on monetary economics, banking, and financial markets, aligning with SDG 8 by fostering an understanding of financial institutions that support economic growth and sustainable development. It emphasizes financial inclusivity and market stability.

30	B-A-30	**Analytics Project Work**	This course provides students with hands-on experience in analytics, requiring them to apply statistical and machine learning methods to real-world datasets. It aligns with SDG 4 by promoting high-quality education through practical learning experiences and SDG 9 by fostering innovation and infrastructure development through data-driven insights and solutions. The focus on analytics enhances the ability to address complex challenges in various sectors such as healthcare, finance, and industry, contributing to sustainable development.
31	B-A-31	**Strategy and Game Theory**	This course, focused on game theory, teaches students about decision-making in strategic environments, aligning with SDG 16 by promoting justice, fairness in voting and auctions, and the strengthening of institutions through better strategic decision-making frameworks.
32	B-A-32	**Behavioral Economics**	This course introduces behavioral economics concepts, aligning with SDG 3 by understanding how behavioral insights can improve well-being and SDG 12 by promoting responsible consumption and production through nudging and behavioral interventions that lead to sustainable decision-making practices.

33	B-A-33	**History of Economic Thought**	This course aligns with SDG 4 (Quality Education) by fostering a comprehensive understanding of the evolution of economic ideas, providing students with the tools to critically assess different economic theories. Additionally, the exploration of socialist thought and economic policies related to inequality aligns with SDG 10 (Reduced Inequalities), encouraging students to think about the economic structures that address disparities in society.
34	B-A-34	**Introduction to Energy and Environment Economics**	This course directly contributes to SDG 7 (Affordable and Clean Energy) by focusing on the fundamentals of energy economics and renewable energy policies. It also promotes SDG 13 (Climate Action) by addressing environmental regulation, sustainable development, and the role of public and private sectors in environmental protection. Topics like rainwater harvesting and waste management further align with SDG 6 (Clean Water and Sanitation), emphasizing the importance of clean water and sustainable sanitation systems.
35	B-A-35	**Urban Economics**	This course is aligned with SDG 11 (Sustainable Cities and Communities) as it explores urban growth, development strategies, and resource management, aiming to create sustainable urban environments. The focus on transportation, waste management, and sustainable development policies also supports SDG 9 (Industry, Innovation, and Infrastructure) by encouraging innovative solutions to urban problems. Additionally, the discussions on water management and environmental pollution link with SDG 6 (Clean Water and Sanitation), emphasizing sustainable water resource management in urban areas.

M.Sc. (Agribusiness Economics)			
1	AE-A-01	**Indian Agricultural Economics**	The course Indian Agricultural Economics (AE-A-01) aligns with several Sustainable Development Goals (SDGs), including SDG 1 (No Poverty), as it addresses employment generation, livelihood, and credit in Indian agriculture, contributing to poverty reduction. It also aligns with SDG 2 (Zero Hunger), emphasizing agricultural growth, food security, and crop yields to ensure sufficient and nutritious food access. Furthermore, the course supports SDG 8 (Decent Work and Economic Growth) by highlighting the role of agriculture in the national economy, employment generation, and market efficiency. It contributes to SDG 9 (Industry, Innovation, and Infrastructure) by discussing technological factors such as irrigation, seeds, and fertilizers, underscoring the importance of innovation and infrastructure in agricultural development. Lastly, the course promotes SDG 12 (Responsible Consumption and Production) through its focus on sustainable land use, cropping patterns, and marketing efficiency, encouraging responsible consumption and production in the agricultural sector.

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2	C-01	**Microeconomics**	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 12: Responsible Consumption and Production. By studying consumer behavior, market structures, firm dynamics, and information economics, students learn the fundamentals of how economic agents make decisions that influence market efficiency, growth, and sustainability. Additionally, the focus on game theory and behavioral economics supports sustainable consumption and production patterns and responsible decision-making under uncertainty.
3	C-02	**Macroeconomics**	This course aligns with SDG 8: Decent Work and Economic Growth, SDG 10: Reduced Inequalities, and SDG 16: Peace, Justice, and Strong Institutions. Macroeconomics examines national income, economic growth, business cycles, and monetary policies, contributing to sustainable economic development. The discussion of income distribution, fiscal policy, and global economic trends also highlights the significance of reducing inequality and promoting economic justice.
4	C-03	**Statistics**	This course aligns with SDG 4: Quality Education and SDG 9: Industry, Innovation, and Infrastructure. By focusing on hypothesis testing, estimation methods, nonparametric statistics, and operational research, students gain the analytical skills needed to address real-world challenges in business, economics, and infrastructure. The development of statistical literacy and problem-solving abilities enhances students' ability to make data-driven decisions, contributing to innovation and economic resilience.

5	C-04	**Basic Econometrics**	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 9: Industry, Innovation, and Infrastructure. The course teaches econometric techniques used in empirical analysis, which are essential for informed decision-making in economics, business, and policy. It provides students with skills to analyze data and develop econometric models that can contribute to sustainable economic growth and infrastructure development through evidence-based decisions.
6	AE-A-06	**Agricultural Policy Framework in India**	This course aligns with SDG 2: Zero Hunger, SDG 12: Responsible Consumption and Production, and SDG 13: Climate Action. The course covers agricultural policies, agrarian reforms, food security, and the sustainable use of agricultural resources, all of which are critical for addressing food security, sustainable agriculture, and climate resilience in the agricultural sector.
7	AE-A-07	**Agricultural Finance**	This course aligns with SDG 1: No Poverty, SDG 8: Decent Work and Economic Growth, and SDG 9: Industry, Innovation, and Infrastructure. By addressing agricultural finance, credit systems, and financial management for rural development, the course supports the reduction of poverty, promotes sustainable economic growth in rural areas, and enhances the resilience of agricultural systems through improved financial mechanisms.

8	AE-A-08	International Trade in Agriculture	This course explores the theoretical and policy-related aspects of international trade in agricultural commodities, providing insights into principles, theories, and global trends in agricultural trade. It covers comparative advantage, trade patterns, WTO agreements, and their impacts on developing economies, particularly India. Students are also acquainted with export-import procedures, documentation, and the global agricultural trade environment. The course aligns with SDG 2: Zero Hunger, SDG 8: Decent Work and Economic Growth, and SDG 12: Responsible Consumption and Production, focusing on sustainable agricultural trade and development.
9	AE-A-10	Agricultural Risk Management and Insurance	This course aims to expose students to the various kinds of risks in farming and equip them with risk management strategies and insurance mechanisms. The course covers topics such as climatic variability, production risks, crop insurance, weather insurance, and emerging commodity markets. It aligns with SDG 2: Zero Hunger, SDG 13: Climate Action, and SDG 8: Decent Work and Economic Growth, addressing risk mitigation in agriculture to ensure food security and resilience against climate change.

10	AE-A-11	Strategic Agro-Food Marketing	This course focuses on understanding the marketing environment of agro-food products, analyzing consumer behavior, and comprehending marketing management. It examines food retail marketing systems in India and emerging ICT applications in agribusiness. The course aligns with SDG 8: Decent Work and Economic Growth, SDG 12: Responsible Consumption and Production, and SDG 9: Industry, Innovation, and Infrastructure, promoting efficient and sustainable marketing practices in the food industry.
11	AE-A-13	Environmental Economics	This course provides insights into the application of economic theory to the design and implementation of environmental policies. It covers topics such as sustainable development, environmental valuation, market failures, and natural resource accounting. The course aligns with SDG 13: Climate Action, SDG 12: Responsible Consumption and Production, and SDG 15: Life on Land, focusing on sustainable environmental management and conservation of natural resources.
12	AE-A-16	Supply Chain in Agriculture	This course enables students to understand the design, evaluation, and management of agricultural supply chains. Topics include strategic framework analysis, demand forecasting, inventory management, and transportation network design. The course aligns with SDG 9: Industry, Innovation, and Infrastructure, SDG 12: Responsible Consumption and Production, and SDG 2: Zero Hunger, promoting the development of efficient and sustainable agricultural supply chains.

13	AE-A-20	Accountancy & Financial Statement Analysis	This course aims to provide a basic understanding of accountancy and financial statement analysis, covering topics such as accounting standards, the preparation of financial statements, and financial analysis tools. The course aligns with SDG 8: Decent Work and Economic Growth and SDG 9: Industry, Innovation, and Infrastructure, focusing on financial literacy and management for sustainable economic growth.
14	AE-A-21	Advanced Econometrics	This course covers advanced econometric topics such as time-series analysis, panel data models, and simultaneous equation models. It is designed to help students develop proficiency in econometric applications and research. The course aligns with SDG 9: Industry, Innovation, and Infrastructure and SDG 8: Decent Work and Economic Growth, contributing to data-driven decision-making in economics and business.
15	AE-A-22	Business Analytics	This course develops proficiency in data analysis, predictive modeling, and optimization techniques. Students learn how to use tools like R for business analytics and apply their skills in strategic decision-making. The course aligns with SDG 9: Industry, Innovation, and Infrastructure, SDG 8: Decent Work and Economic Growth, and SDG 12: Responsible Consumption and Production, promoting the use of data-driven solutions for business challenges.

16	AE-A-23	Remote Sensing and GIS	This course teaches students the concepts and applications of remote sensing and GIS in agriculture, forestry, and land management. It covers topics such as spatial data analysis, GIS modeling, and remote sensing image processing. The course aligns with SDG 13: Climate Action, SDG 15: Life on Land, and SDG 12: Responsible Consumption and Production, promoting the use of technology for sustainable environmental management and agricultural productivity.
OPTIONAL PAPERS			
1	AE-B-02	Agricultural Cooperatives	The course on Agricultural Cooperatives aligns well with several Sustainable Development Goals (SDGs). First, it supports SDG 1: No Poverty, as agricultural cooperatives can empower farmers by improving their incomes and access to markets, thereby reducing poverty levels. Additionally, by promoting efficient farming and resource-sharing models, cooperatives contribute to SDG 2: Zero Hunger, improving food security by ensuring that agricultural products are distributed more effectively. The course also aligns with SDG 8: Decent Work and Economic Growth, as it fosters sustainable employment opportunities for farmers, ensuring decent livelihoods in the agricultural sector. Lastly, SDG 12: Responsible Consumption and Production is addressed as cooperatives encourage efficient resource use and sustainable agricultural production practices, reducing waste and promoting more responsible farming techniques.

| 2 | AE-B-03 | Agro-Processing Industries | This course closely aligns with SDG 2: Zero Hunger, as it emphasizes the importance of food processing industries in enhancing food security and reducing post-harvest losses. By promoting agro-industrial development, the course also supports SDG 8: Decent Work and Economic Growth, fostering job creation and economic opportunities in rural areas, particularly for small-scale farmers. Additionally, the course aligns with SDG 9: Industry, Innovation, and Infrastructure, as it highlights the role of agro-processing in building resilient infrastructure, fostering innovation, and promoting sustainable industrialization in the agricultural sector. Finally, by addressing food safety standards, risk management, and sustainable processing techniques, the course contributes to SDG 12: Responsible Consumption and Production, ensuring that agricultural production is efficient, safe, and environmentally sustainable. |

3	AE-B-04	**Organizational Structures in Agricultural Production**	This course aligns with SDG 8: Decent Work and Economic Growth, as it equips students with the knowledge to navigate commodity markets, manage risks, and promote stable economic growth through informed financial and market decisions. By focusing on agricultural commodities, the course also contributes to SDG 2: Zero Hunger, as it helps optimize the trading and pricing of essential food commodities, improving food availability and security. SDG 12: Responsible Consumption and Production is supported through its emphasis on understanding market dynamics and ensuring that production meets demand efficiently, without causing wastage or surplus.
4	AE-B-05	**Commodities and Commodity Derivatives**	This course aligns with SDG 8: Decent Work and Economic Growth, as it equips students with the knowledge to navigate commodity markets, manage risks, and promote stable economic growth through informed financial and market decisions. By focusing on agricultural commodities, the course also contributes to SDG 2: Zero Hunger, as it helps optimize the trading and pricing of essential food commodities, improving food availability and security. SDG 12: Responsible Consumption and Production is supported through its emphasis on understanding market dynamics and ensuring that production meets demand efficiently, without causing wastage or surplus.

5	AE-B-08	**Industrial Organization in Agribusiness**	The course on Industrial Organization in Agribusiness supports SDG 8: Decent Work and Economic Growth by focusing on market strategies that can drive efficiency, competition, and innovation in the agribusiness sector, creating sustainable economic opportunities. It also aligns with SDG 9: Industry, Innovation, and Infrastructure as it emphasizes the role of industrial organization in optimizing food processing, retailing, and distribution, which strengthens the overall agribusiness infrastructure. Furthermore, by addressing market power, product differentiation, and strategic competition, the course encourages SDG 12: Responsible Consumption and Production, promoting efficient and sustainable agribusiness practices that meet consumer demand while minimizing environmental impact.
6	AE-B-09	**Financial Economics**	This course supports SDG 8: Decent Work and Economic Growth by offering insights into financial markets and their role in fostering stable economic environments, which is critical for sustainable development. The course also contributes to SDG 9: Industry, Innovation, and Infrastructure, as it covers the role of financial instruments and derivatives in driving economic growth and managing risk within industries. By promoting a deep understanding of financial markets, the course helps future professionals contribute to building more resilient economic systems, aligning with SDG 10: Reduced Inequality, as it addresses the financial systems that can impact wealth distribution and access to resources.

7	AE-B-10	Economic Growth and Development	This course has a direct alignment with SDG 8: Decent Work and Economic Growth, as it addresses the multifaceted nature of economic growth and development, exploring theories and strategies to foster inclusive and sustained economic progress. The focus on poverty, inequality, and social welfare aligns with SDG 1: No Poverty and SDG 10: Reduced Inequality, providing students with a comprehensive understanding of the socio-economic challenges faced by developing countries. Additionally, the course touches on SDG 4: Quality Education, as it discusses the role of human capital development in promoting long-term economic growth and development.
8	AE-B-11	Political Economy of India's Development	This course critically examines India's development history, focusing on economic policies, colonialism, and inequality. It aligns with SDG 8 by addressing economic growth, SDG 10 by discussing poverty and inequality reduction, and SDG 16 through its analysis of political institutions.
9	AE-B-15	Farm Management Economics	The course emphasizes agricultural efficiency, resource optimization, and sustainable production methods, directly contributing to SDG 2 by improving agricultural productivity and SDG 12 through responsible and efficient agricultural practices.
10	AE-B-16	Linear Economics - I	This course fosters understanding of economic systems and income distribution, aligning with SDG 8 by promoting sustainable economic growth and SDG 9 by discussing production functions and infrastructure development in a theoretical framework.

11	AE-B-17	Linear Economics – II	Through its exploration of international trade theories and monetary policy, this course aligns with SDG 8 by discussing global economic growth and SDG 10 by analyzing policies that address economic inequality in a global context.
12	AE-B-18	Mathematics for Economic Analysis	This course equips students with mathematical skills crucial for economic analysis, supporting SDG 4 by enhancing educational quality and SDG 8 by promoting skills that lead to economic growth and productive employment.
13	AE-B-20	Introduction to Game Theory	Game theory's applications in strategic decision-making and conflict resolution align with SDG 16, fostering strong institutions and peace. The cooperative aspects of the course relate to SDG 17, encouraging partnerships and collaboration.
14	AE-B-21	Social Exclusion and Inclusive Policy	The course directly aligns with SDG 1 by addressing poverty, SDG 5 by focusing on gender inclusion, and SDG 10 by tackling inequality through policies aimed at marginalized communities.
15	AE-B-22	Insurance Economics	This course aligns with SDG 8 (Decent Work and Economic Growth) by emphasizing the role of insurance in economic development, employment generation, and financial protection. It also connects with SDG 1 (No Poverty) and SDG 3 (Good Health and Well-being) by discussing health insurance and mechanisms to reduce financial vulnerability due to unforeseen events.

16	AE-B-23	Insurance Economics (Advanced Practices)	This course primarily aligns with SDG 9 (Industry, Innovation, and Infrastructure) by exploring innovative insurance products and advanced industry practices. It also links with SDG 8 (Decent Work and Economic Growth) through topics on risk management and SDG 1 (No Poverty) due to the role of insurance in financial stability and risk reduction.
17	AE-B-24	Urban Economics	The course aligns with SDG 11 (Sustainable Cities and Communities) by focusing on urban infrastructure, transportation, housing, and the role of local governments in sustainable development. It also touches upon SDG 9 (Industry, Innovation, and Infrastructure) by discussing urban growth, city development, and agglomeration economies.
18	AE-B-25	Economic Sociology	This course aligns with SDG 10 (Reduced Inequalities) as it examines social determinants of economic action, labour market outcomes, and consumption patterns. It also connects with SDG 8 (Decent Work and Economic Growth) by exploring labour market sociology and the impacts of social structures on economic development.
19	AE-B-26	Economics of Labour	The course aligns with SDG 8 (Decent Work and Economic Growth) by discussing labour market dynamics, wage distribution, and employment theories. It also connects with SDG 10 (Reduced Inequalities) through its focus on wage inequality, discrimination, and labour market regulation.

20	AE-B-27	**Advanced Microeconomics**	This course aligns with SDG 8 (Decent Work and Economic Growth) through its focus on microeconomic principles related to consumer and producer behavior, resource allocation, and general equilibrium models. It also connects with SDG 10 (Reduced Inequalities) by analyzing market structures and incentive mechanisms that impact income distribution and efficiency.
21	AE-B-28	**Strategic Finance and Investment Banking**	This course aligns with SDG 8 (Decent Work and Economic Growth) by emphasizing financial restructuring, mergers, acquisitions, and investment banking, contributing to economic growth and sustainability. It also relates to SDG 9 (Industry, Innovation, and Infrastructure) through its focus on financial innovations and the strategic development of business alliances, mergers, and financial structures.
M.Sc. (Economics)			
1	C-01	**Microeconomics**	Aligns with SDG 8 (Decent Work and Economic Growth) by emphasizing consumer behavior, firm decision-making, and market structures that impact economic efficiency. It also links to SDG 12 (Responsible Consumption and Production) by exploring how consumer choices and market outcomes shape resource allocation.
2	C-02	**Macroeconomics**	This course connects with SDG 8 (Decent Work and Economic Growth) by exploring macroeconomic policies, national accounting, and tools for managing business cycles. It also aligns with SDG 10 (Reduced Inequalities) through its focus on consumption, investment, and policies impacting economic disparity.

3	C-03	**Statistics**	This course aligns with SDG 9 (Industry, Innovation, and Infrastructure) through its emphasis on hypothesis testing, distribution types, and data analysis that supports decision-making in industries. It also supports SDG 17 (Partnerships for the Goals) by providing the analytical tools necessary for data-driven approaches in sustainable development.
4	C-04	**Basic Econometrics**	The course connects with SDG 8 (Decent Work and Economic Growth) by emphasizing econometric techniques essential for analyzing economic data, aiding in evidence-based policy-making. It also supports SDG 9 (Industry, Innovation, and Infrastructure) by providing methods to interpret complex economic phenomena, contributing to more resilient economies.
5	A-24	**Advanced Microeconomics**	This course aligns with SDG 8 (Decent Work and Economic Growth) by delving into general equilibrium theory and consumer-producer behavior, which inform efficient resource allocation. It also links to SDG 10 (Reduced Inequalities) by addressing welfare economics and market mechanisms that affect social equity.
6	A-04	**Monetary Macroeconomics**	Aligns with SDG 16 (Peace, Justice, and Strong Institutions) by examining government intervention, taxation, and fiscal federalism, which support equitable governance. It also ties to SDG 10 (Reduced Inequalities) through its exploration of public goods and redistribution mechanisms that address inequality.

7	A-21	**Advanced Econometrics**	The course connects with SDG 8 (Decent Work and Economic Growth) by emphasizing econometric techniques essential for analyzing economic data, aiding in evidence-based policy-making. It also supports SDG 9 (Industry, Innovation, and Infrastructure) by providing methods to interpret complex economic phenomena, contributing to more resilient economies.
8	A-20	**Economic Growth and Development**	This course is aligned with SDG 1 (No Poverty) and SDG 8 (Decent Work and Economic Growth) through its focus on the multidimensional nature of development, theories of growth, and addressing underdevelopment problems in the least-developed countries. It also contributes to SDG 10 (Reduced Inequalities) by addressing issues of poverty, inequality, and inclusive growth, with particular reference to India and global case studies. The analysis of development experiences and policy lessons further supports the goals of sustainable and equitable economic growth.
9	A-08	**Public Economics**	This course aligns with SDG 10 (Reduced Inequalities) by focusing on taxation, public goods provision, and redistribution, all aimed at addressing equity and efficiency in public finance. It also relates to SDG 16 (Peace, Justice, and Strong Institutions) by examining government intervention, fiscal policies, and the role of institutions in ensuring fair governance and public spending. The study of public expenditure, fiscal federalism, and subsidies supports SDG 1 (No Poverty) by addressing mechanisms for poverty alleviation and social infrastructure financing.

10	A-10	**International Economics: Pure Theory**	Aligns with SDG 8 (Decent Work and Economic Growth) by covering the principles and theories that govern international trade, fostering sustainable economic development through understanding trade policies and their impacts. It also supports SDG 17 (Partnerships for the Goals) by highlighting trade cooperation and customs unions.
11	A-11	**International Economics: Money and Finance**	This course connects with SDG 8 (Decent Work and Economic Growth) through its emphasis on international monetary systems, exchange rates, and balance of payments. It also aligns with SDG 17 (Partnerships for the Goals) by addressing international financial institutions, such as the IMF, and their role in promoting global financial stability.
12	A-13	**Mathematics for Economic Analysis**	Aligns with SDG 9 (Industry, Innovation, and Infrastructure) by teaching mathematical concepts that underpin economic modeling, helping students understand and apply methods for economic growth and infrastructure development. It also supports SDG 8 (Decent Work and Economic Growth) by providing tools for analyzing economic behaviors and optimizing resources.
13	A-23	**Population Studies**	This course is aligned with SDG 3 (Good Health and Well-being) through its focus on fertility, mortality, and health-related demographic processes. It also connects with SDG 5 (Gender Equality) by addressing gender-related demographic issues, such as sex ratios and reproductive health.

14	A-15	Accountancy and Financial Statement Analysis	Aligns with SDG 8 (Decent Work and Economic Growth) by teaching financial accounting principles and practices that promote transparency and sustainable business growth. It also contributes to SDG 12 (Responsible Consumption and Production) by fostering responsible financial reporting and analysis.
15	A-16	Financial Economics	This course aligns with SDG 8 (Decent Work and Economic Growth) by providing an understanding of financial systems, risk structures, and securities markets, essential for stable and sustainable economic growth. It also links to SDG 10 (Reduced Inequalities) by discussing regulation and the ethical dimensions of financial markets.
16	A-22	Business Analytics	This course aligns with SDG 9 (Industry, Innovation, and Infrastructure) by teaching students how to use data analytics tools and techniques, which are essential for improving industrial innovation and infrastructure. It also supports SDG 8 (Decent Work and Economic Growth) through the application of predictive models and optimization techniques, aiding in better decision-making and driving sustainable business growth. Additionally, SDG 12 (Responsible Consumption and Production) is addressed as the course focuses on optimizing business outcomes and improving efficiency through analytics.

OPTIONAL PAPERS			
1	B-01	**Indian Agricultural Economics**	This course closely aligns with SDG 2: Zero Hunger, focusing on agricultural growth, food security, and the role of agriculture in economic development. It also supports SDG 12: Responsible Consumption and Production by addressing sustainable agricultural practices and resource utilization. Additionally, SDG 13: Climate Action is considered through discussions on resource base and climate impacts on agriculture.
2	B-02	**Transport Economics**	The course supports SDG 9: Industry, Innovation, and Infrastructure through the study of transportation systems and their role in economic growth. It also aligns with SDG 11: Sustainable Cities and Communities by focusing on urban planning, transportation's environmental impact, and the need for efficient, sustainable transportation infrastructure. SDG 13: Climate Action is addressed through topics on energy-efficient modes of transport and reducing transportation-related emissions.
3	B-03	**Industry: Organization, Structure and Problems**	This course aligns with SDG 9: Industry, Innovation, and Infrastructure by studying industrial structures, strategies, and the organization of industries, which promote sustainable economic growth. It also supports SDG 8: Decent Work and Economic Growth by analyzing industrial policies and their impacts on employment and productivity. SDG 10: Reduced Inequalities is addressed through discussions on regional disparities and industrial growth.

4	B-05	**Economics of Labour**	The course supports SDG 8: Decent Work and Economic Growth, focusing on labor market dynamics, wage structures, and income distribution. It also aligns with SDG 5: Gender Equality by examining wage differentials by race and gender and SDG 10: Reduced Inequalities through the study of labor market inequalities and unemployment issues.
5	B-06	**Financial Institutions and Markets**	This course aligns with SDG 8: Decent Work and Economic Growth, by exploring the role of financial institutions in supporting economic growth and stability. It also supports SDG 9: Industry, Innovation, and Infrastructure, discussing the structure and regulation of financial systems that underpin industrial development. Additionally, SDG 16: Peace, Justice, and Strong Institutions is addressed through the analysis of central banking and financial regulations.
6	B-07	**Law and Economics - I**	This course aligns with SDG 16: Peace, Justice, and Strong Institutions, by analyzing the economic implications of laws, such as contract law, property law, and criminal law. It fosters a better understanding of how legal frameworks support sustainable economic development and justice, promoting stronger institutions and governance.
7	B-08	**Law and Economics - II**	This course supports SDG 16: Peace, Justice, and Strong Institutions, focusing on the legislative processes, environmental protection laws, and land acquisition. It addresses the intersection of legal frameworks with economic development, fostering strong, inclusive, and just institutions.

8	B-09	**Economic Sociology**	The course aligns with SDG 10: Reduced Inequalities, by exploring the sociological aspects of labor markets, consumption, and economic actions that drive inequality. It also supports SDG 8: Decent Work and Economic Growth, by understanding social structures that impact economic development, fostering equitable growth. SDG 5: Gender Equality is addressed through discussions on gender, family, and social capital.
9	B-13	**Environmental & Natural Resource Economics**	This course strongly aligns with SDG 13: Climate Action by focusing on environmental economics and resource management to mitigate environmental degradation. It also supports SDG 15: Life on Land through the study of sustainable resource use and SDG 12: Responsible Consumption and Production, promoting the efficient use of natural resources and reducing pollution.
10	B-11	**Social Exclusion and Inclusive Policy**	The course supports SDG 10: Reduced Inequalities by analyzing various forms of social exclusion and the policies needed to promote inclusion. It also aligns with SDG 1: No Poverty and SDG 5: Gender Equality, focusing on the socio-economic disparities faced by marginalized groups and policies that aim to address inequality and promote social justice.
11	B-12	**Political Economy of India's Development**	This course aligns with SDG 8: Decent Work and Economic Growth by discussing India's economic growth patterns and reforms. It also supports SDG 10: Reduced Inequalities by analyzing poverty, inequality, and inclusive growth. SDG 9: Industry, Innovation, and Infrastructure is considered through the evaluation of industrial policies and economic planning.

12	B-15	Urban Economics	This course aligns with SDG 11: Sustainable Cities and Communities, by exploring the economics of urbanization, infrastructure, and housing policies that contribute to sustainable city planning. It also supports SDG 9: Industry, Innovation, and Infrastructure, by discussing the role of transportation, infrastructure, and land use in fostering urban growth and sustainability. Additionally, SDG 6: Clean Water and Sanitation is considered through urban planning and access to essential services, ensuring sustainable urban development.
13	B-14	Behavioural Economics	The course aligns with SDG 3: Good Health and Well-being, by analyzing decision-making behaviors related to health and well-being. It also supports SDG 8: Decent Work and Economic Growth by discussing the implications of behavioral economics on labor and finance. Additionally, SDG 12: Responsible Consumption and Production is addressed through the exploration of consumer behavior and nudging policies for sustainability.
14	B-16	Linear Economics I	This course supports SDG 8: Decent Work and Economic Growth, by exploring economic models and systems that address market efficiencies and resource allocation. It aligns with SDG 9: Industry, Innovation, and Infrastructure, focusing on economic modeling and production theories that enhance industrial productivity and innovation.

15	B-17	**Linear Economics II**	This course supports SDG 8: Decent Work and Economic Growth, by exploring economic models and systems that address market efficiencies and resource allocation. It aligns with SDG 9: Industry, Innovation, and Infrastructure, focusing on economic modeling and production theories that enhance industrial productivity and innovation.
16	B-18	**Introduction to Game Theory**	This course aligns with SDG 8: Decent Work and Economic Growth, by teaching strategic decision-making skills that are critical for economic and business environments. It also supports SDG 9: Industry, Innovation, and Infrastructure, as game theory helps in optimizing outcomes in competitive markets and industries.
17	B-19	**Insurance Economics**	This course aligns with SDG 8: Decent Work and Economic Growth by addressing the role of insurance in financial stability and risk management, promoting sustainable economic development. It also supports SDG 9: Industry, Innovation, and Infrastructure by exploring the impact of insurance products and regulations on industrial and economic growth. Furthermore, it connects to SDG 1: No Poverty by providing insights into insurance mechanisms that protect individuals and businesses from financial risks, contributing to economic resilience.

18	B-20	**Insurance Economics (Advanced Practices)**	This course supports SDG 8: Decent Work and Economic Growth, focusing on advanced insurance practices that promote financial security and risk mitigation. It also aligns with SDG 9: Industry, Innovation, and Infrastructure, by exploring innovative insurance products and risk management techniques that contribute to industrial sustainability. Additionally, SDG 12: Responsible Consumption and Production is addressed by emphasizing efficient risk management and resource allocation in the insurance industry.
M.Sc. (Financial Economics)			
1	C-01	**Microeconomics**	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 9: Industry, Innovation, and Infrastructure. By examining market structures, consumer behavior, and firm theory, students gain insights into efficient resource allocation, productivity improvements, and sustainable growth strategies. The integration of behavioral economics supports SDG 12: Responsible Consumption and Production, encouraging sustainable decision-making under uncertainty.
2	C-02	**Macroeconomics**	This course supports SDG 8: Decent Work and Economic Growth and SDG 10: Reduced Inequalities. It equips students to understand macroeconomic policies that address unemployment, inflation, and economic fluctuations, promoting inclusive growth. The emphasis on business cycle theory and global macroeconomic policy initiatives also fosters SDG 16: Peace, Justice, and Strong Institutions by encouraging economic stability and informed policymaking.

3	C-03	Statistics	This course is aligned with SDG 9: Industry, Innovation, and Infrastructure and SDG 4: Quality Education. By teaching statistical methods, hypothesis testing, and operational research, the course empowers students to apply data-driven approaches to decision-making and problem-solving, essential for sustainable economic development and innovation. The practical use of statistical tools promotes evidence-based policy creation, supporting sustainable development across various sectors.
4	C-04	Basic Econometrics	The course is connected to SDG 8: Decent Work and Economic Growth and SDG 9: Industry, Innovation, and Infrastructure. Through the application of econometric models and analysis, students are prepared to conduct empirical research that informs better decision-making in economic policies and industry practices. The hands-on approach to real-world data contributes to informed research and innovation strategies, fostering sustainable growth.
5	FE-A-103	Accountancy, IFRS & Financial Statement Analysis	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 12: Responsible Consumption and Production. It provides students with essential knowledge of accounting standards, IFRS, and financial analysis, helping them make informed decisions related to resource allocation, company performance, and sustainable growth. By promoting transparency and accountability in financial reporting, the course contributes to fostering sustainable business practices.

6	FE-A-105	**Financial Institutions, Markets and Regulation**	This course supports SDG 8: Decent Work and Economic Growth and SDG 9: Industry, Innovation, and Infrastructure. By exploring financial institutions, markets, and regulations, students gain insights into financial systems that drive economic development. The emphasis on regulatory frameworks ensures that the financial markets are stable, resilient, and conducive to sustainable growth, in line with evolving global needs.
7	FE-A-106	**Corporate Finance and Capital Budgeting**	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 9: Industry, Innovation, and Infrastructure. By studying financial management, working capital, and capital budgeting, students are equipped to make strategic financial decisions that support sustainable business operations and long-term growth. The course encourages responsible financial planning and risk management, contributing to economic stability.
8	FE-A-108	**Computational Finance**	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 9: Industry, Innovation, and Infrastructure. Through the application of computational methods and R programming in finance, students develop critical skills for data analysis and financial modeling, driving innovation and efficiency in financial markets. The emphasis on computational finance fosters technological advancement and sustainable economic practices.

9	FE-A-110	**Financial Econometrics**	This course supports SDG 8: Decent Work and Economic Growth and SDG 17: Partnerships for the Goals. By teaching advanced econometric techniques and time series modeling, students learn how to analyze financial data for informed decision-making in global financial markets. The application of these skills promotes collaborative efforts in research and policy-making to foster sustainable economic development.
10	FE-A-111	**International Finance – I**	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 17: Partnerships for the Goals. By exploring the interdependence of financial markets, risk management techniques, and international monetary systems, students are prepared to navigate global finance and contribute to sustainable economic growth through informed decision-making and international collaboration.
11	FE-A-113	**Financial Derivatives**	This course supports SDG 8: Decent Work and Economic Growth and SDG 9: Industry, Innovation, and Infrastructure. By providing students with a deep understanding of financial derivatives, including forwards, futures, and options, the course fosters innovation in financial markets while promoting effective risk management strategies that support economic stability and growth.

12	FE-A-114	Financial Modelling & Engineering	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 9: Industry, Innovation, and Infrastructure. By teaching students to apply financial models in Excel and VBA, this course equips them with the skills needed to drive efficiency and innovation in financial decision-making. The course encourages the use of technology to improve financial systems and promote sustainable business practices.
13	FE-A-115	Financial Risk Management	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 12: Responsible Consumption and Production. By focusing on risk management in financial institutions, including market and credit risk, students gain the ability to identify, measure, and control risks in ways that promote stability and resilience in financial markets. The course promotes responsible financial management practices that align with long-term sustainability.
14	FE-A-116	Project Appraisal and Finance	This course supports SDG 9: Industry, Innovation, and Infrastructure and SDG 11: Sustainable Cities and Communities. By focusing on project appraisal, risk analysis, and financing, students learn how to design, finance, and manage projects that contribute to sustainable infrastructure development and urban resilience. The course encourages responsible project planning and financing that align with long-term community and economic goals.

15	FE-A-118	**Business Analytics**	This course aligns with SDG 9: Industry, Innovation, and Infrastructure and SDG 12: Responsible Consumption and Production. By teaching students data analysis, predictive modeling, and optimization techniques, the course fosters data-driven decision-making that supports innovation and efficient resource use. Business analytics helps organizations make informed, sustainable choices that contribute to economic growth and responsible consumption.
16	FE-A-120	**Security Analysis and Portfolio Management**	This course supports SDG 8: Decent Work and Economic Growth and SDG 17: Partnerships for the Goals. By teaching students to evaluate and manage equity shares, portfolios, and fixed income securities, the course promotes informed investment decisions that contribute to financial stability and sustainable economic growth. The emphasis on risk management and valuation techniques aligns with sustainable investment practices.
OPTIONAL COURSES			
1	FE-B-101	**International Finance – II**	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 17: Partnerships for the Goals. By addressing the principles of financial economics and decision-making in cross-border settings, students will be prepared to understand international corporate finance, manage investments in emerging markets, and collaborate in global financial markets.

2	FE-B-102	**Behavioural Finance**	This course supports SDG 4: Quality Education and SDG 8: Decent Work and Economic Growth. By exploring the psychological aspects of financial decision-making, students are encouraged to think critically about biases and emotions in financial markets, contributing to more ethical and rational financial behaviors that support economic stability.
3	FE-B-105	**Strategic Finance & Investment Banking**	This course aligns with SDG 9: Industry, Innovation, and Infrastructure and SDG 8: Decent Work and Economic Growth. It equips students with a deep understanding of investment banking, financial restructuring, and mergers and acquisitions, which are essential for fostering innovative financial practices that support sustainable business growth and economic resilience.
4	FE-B-106	**Marketing of Financial Services**	This course aligns with SDG 9: Industry, Innovation, and Infrastructure and SDG 8: Decent Work and Economic Growth. By examining the marketing of financial products and services, the course encourages innovation in financial services delivery, promotes financial inclusion, and improves the overall efficiency of the financial system.
5	FE-B-107	**Taxation**	This course supports SDG 8: Decent Work and Economic Growth and SDG 10: Reduced Inequalities. By examining the taxation system in India, including the differences between tax management and avoidance, the course helps students understand how tax policies can foster economic growth and reduce income disparities.

6	FE-B-108	Insurance Economics	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 3: Good Health and Well-Being. By exploring insurance products, underwriting practices, and risk management, the course helps students understand how insurance supports financial stability, protects individuals, and promotes overall well-being.
7	FE-B-109	Law and Economics - I	This course aligns with SDG 16: Peace, Justice, and Strong Institutions and SDG 8: Decent Work and Economic Growth. By examining the relationship between law and economics, students learn how legal rules influence economic behavior and institutions, promoting justice and responsible economic governance.
8	FE-B-110	Law and Economics - II	This course supports SDG 16: Peace, Justice, and Strong Institutions and SDG 11: Sustainable Cities and Communities. By analyzing legal frameworks and their impact on economic policies, the course encourages students to think critically about sustainable development, land use, and environmental laws in urban planning.
9	FE-B-111	Company Law	This course aligns with SDG 16: Peace, Justice, and Strong Institutions and SDG 8: Decent Work and Economic Growth. It equips students with knowledge of corporate governance, shareholders' rights, and legal obligations, fostering responsible business practices that contribute to strong institutions and economic growth.

10	FE-B-112	Linear Economics I	This course supports SDG 8: Decent Work and Economic Growth and SDG 9: Industry, Innovation, and Infrastructure. By exploring classical and contemporary economic theories, students gain analytical tools to evaluate production, income distribution, and equilibrium models that drive sustainable economic progress and innovation.
11	FE-B-113	Linear Economics II	This course supports SDG 8: Decent Work and Economic Growth and SDG 9: Industry, Innovation, and Infrastructure. By exploring classical and contemporary economic theories, students gain analytical tools to evaluate production, income distribution, and equilibrium models that drive sustainable economic progress and innovation.
12	FE-B-114	Mathematics for Economic Analysis	This course supports SDG 4: Quality Education and SDG 9: Industry, Innovation, and Infrastructure. It provides students with mathematical tools for economic analysis, helping them model and analyze economic behaviors to make informed, data-driven decisions that support sustainable economic practices.
13	FE-B-115	Development Finance	This course aligns with SDG 1: No Poverty and SDG 8: Decent Work and Economic Growth. By examining development finance, public-private partnerships, and microfinance, the course encourages students to understand the financial mechanisms that support poverty reduction and inclusive economic development.

14	FE-B-116	Introduction to Game Theory	This course supports SDG 9: Industry, Innovation, and Infrastructure and SDG 16: Peace, Justice, and Strong Institutions. By teaching students how to model strategic interactions and solve real-life problems using game theory, the course encourages innovative thinking and fair competition in economic and social contexts.
15	FE-B-117	Economics of Banking	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 9: Industry, Innovation, and Infrastructure. By studying the economic functions of banks, students gain insights into banking policies, risk management, and financial innovation, supporting a resilient and inclusive financial sector.
16	FE-B-118	Social Exclusion and Inclusive Policy	This course aligns with SDG 10: Reduced Inequalities and SDG 1: No Poverty. By exploring the causes and consequences of social exclusion, the course encourages students to develop inclusive policies that promote equity, social justice, and economic opportunity for marginalized communities.
17	FE-B-119	Insurance Economics (Advance Practices)	This course supports SDG 8: Decent Work and Economic Growth and SDG 3: Good Health and Well-Being. By focusing on insurance innovations and claims management, the course fosters an understanding of how advanced insurance practices contribute to financial stability and improved health outcomes.

18	FE-B-120	Urban Economics	This course aligns with SDG 11: Sustainable Cities and Communities and SDG 9: Industry, Innovation, and Infrastructure. By analyzing urban infrastructure, transportation, and housing policies, students gain insights into how urban planning can support sustainable growth and improve living conditions in cities.
19	FE-B-121	Economics of Labour	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 10: Reduced Inequalities. By focusing on the microeconomic and macroeconomic foundations of the labor market, wage distribution, and unemployment, the course prepares students to analyze labor market dynamics, promoting equitable income distribution and sustainable employment policies.
20	FE-B-122	Economic Sociology	This course supports SDG 10: Reduced Inequalities and SDG 5: Gender Equality. By exploring the sociological factors that influence economic actions, labor markets, and consumption patterns, the course encourages students to critically examine how social structures such as class, gender, and ethnicity impact economic development, helping to create more inclusive economic policies.
M.Sc. (International Business Economics and Finance)			
1	C-01	Microeconomics	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 12: Responsible Consumption and Production. By introducing students to consumer theory, firm functioning, and market structures, it helps analyze the choices and behaviors in resource allocation. Additionally, topics like risk management, information economics, and market failure encourage sustainable economic decision-making.

2	C-02	**Macroeconomics**	This course connects with SDG 8: Decent Work and Economic Growth and SDG 10: Reduced Inequalities. It focuses on understanding macroeconomic policies, business cycles, and tools for managing economic fluctuations, fostering inclusive economic growth. Insights into global and domestic macroeconomic issues also highlight the importance of equitable policy-making.
3	C-03	**Statistics**	This course aligns with SDG 9: Industry, Innovation, and Infrastructure and SDG 17: Partnerships for the Goals. By equipping students with statistical tools for hypothesis testing, inference, and data analysis, it supports informed decision-making in various sectors. The application of statistics in real-world scenarios helps drive innovation, research, and partnerships for sustainable development.
4	C-04	**Basic Econometrics**	This course aligns with SDG 9: Industry, Innovation, and Infrastructure and SDG 17: Partnerships for the Goals. By equipping students with econometric techniques for empirical research, the course promotes informed decision-making and supports infrastructure and innovation through data-driven insights. It also contributes to building partnerships for sustainable development by analyzing economic data for policy formulation.

5	IBEF-A-03	Trade Theory	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 10: Reduced Inequalities. The study of trade theories and policies enables students to critically assess global trade dynamics, fostering inclusive economic growth and reducing inequality by understanding the role of geography, firms, and labor in international trade.
6	IBEF-A-05	Accountancy and Financial Statement Analysis	This course connects with SDG 8: Decent Work and Economic Growth and SDG 12: Responsible Consumption and Production. By focusing on financial statement analysis and accounting principles, students learn how to evaluate financial performance responsibly, promoting ethical business practices and supporting sustainable economic development.
7	IBEF-A-06	International Finance - I	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 17: Partnerships for the Goals. It enables students to understand international financial markets, manage foreign exchange risks, and evaluate global financial instruments, which are essential for fostering economic stability and global partnerships in finance.
8	IBEF-A-07	Trade Policy	This course aligns with SDG 16: Peace, Justice, and Strong Institutions and SDG 8: Decent Work and Economic Growth. By studying trade policies and their effects, students learn how to evaluate trade agreements and promote fair, inclusive trade practices, contributing to stable economic growth and strong global institutions.

9	IBEF-A-09	Export-Import Procedure and International Logistics	This course aligns with SDG 9: Industry, Innovation, and Infrastructure and SDG 12: Responsible Consumption and Production. It fosters an understanding of the logistics and supply chain processes that underpin global trade, ensuring that students are equipped to manage efficient, sustainable operations in international commerce.
10	IBEF-A-11	International Finance - II	This course connects with SDG 8: Decent Work and Economic Growth and SDG 17: Partnerships for the Goals. By exploring international financial systems, exchange rate management, and global financial institutions, the course prepares students to support sustainable economic growth and contribute to international financial cooperation and partnerships.
11	IBEF-A-12	Financial Econometrics	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 9: Industry, Innovation, and Infrastructure. By teaching econometric techniques for analyzing time series data and understanding global financial markets, the course promotes data-driven decisions in finance, which supports sustainable economic growth, fosters innovation, and enhances financial infrastructure.
12	IBEF-A-14	International Trade Law	This course aligns with SDG 16: Peace, Justice, and Strong Institutions and SDG 8: Decent Work and Economic Growth. It provides students with an understanding of international trade regulations and dispute resolution, helping to build strong legal frameworks and fair trade practices that promote peaceful and equitable international economic relations.

13	IBEF-A-16	**The Economics of Multinational Enterprises**	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 10: Reduced Inequalities. It focuses on the role of multinational enterprises (MNEs) in shaping economic development, fostering inclusive growth, and addressing inequalities by evaluating the impacts of foreign direct investments (FDIs) and corporate practices on both developed and developing nations.
14	IBEF-A-19	**Business Analytics**	This course aligns with SDG 9: Industry, Innovation, and Infrastructure and SDG 12: Responsible Consumption and Production. By equipping students with analytics skills, it fosters data-driven business strategies that support sustainable development, optimize resource use, and promote innovation across industries.
15	IBEF-A-21	**Corporate Finance and Capital Budgeting**	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 9: Industry, Innovation, and Infrastructure. It helps students understand financial management and capital allocation, which are essential for supporting sustainable business growth, fostering innovation, and ensuring efficient use of financial resources in the long term.
16	IBEF-A-22	**Financial Derivatives**	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 17: Partnerships for the Goals. By focusing on derivative markets and risk management strategies, the course prepares students to contribute to stable financial systems and foster partnerships through global financial markets, ensuring responsible economic growth.

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OPTIONAL COURSES			
1	IBEF-B-01	**WTO Trade Regulations**	This course aligns with SDG 17: Partnerships for the Goals and SDG 16: Peace, Justice, and Strong Institutions. By focusing on the role of the World Trade Organization in regulating international trade, it fosters global partnerships, reduces trade barriers, and ensures the promotion of fair and just trade practices that support sustainable development and international cooperation.
2	IBEF-B-02	**International Relations**	This course aligns with SDG 16: Peace, Justice, and Strong Institutions and SDG 17: Partnerships for the Goals. It provides an understanding of international relations, fostering global peace, cooperation, and the development of strong institutions through diplomacy, trade, and conflict resolution.
3	IBEF-B-03	**Commercial Geography**	This course aligns with SDG 9: Industry, Innovation, and Infrastructure and SDG 11: Sustainable Cities and Communities. It addresses the spatial organization of economic activities, infrastructure development, and resource management, promoting sustainable growth and improved living environments across global regions.
4	IBEF-B-04	**International Economic Institutions**	This course aligns with SDG 17: Partnerships for the Goals and SDG 8: Decent Work and Economic Growth. It examines the roles of key international economic institutions such as the IMF and World Bank in fostering economic development, supporting global financial stability, and promoting cooperative economic frameworks to sustain growth and employment.

5	IBEF-B-05	International Trade in Agriculture	This course aligns with SDG 2: Zero Hunger and SDG 12: Responsible Consumption and Production. By analyzing agricultural trade policies, it emphasizes food security, sustainable agricultural practices, and trade's role in ensuring responsible resource use and production efficiency in global agriculture.
6	IBEF-B-06	Development Finance	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 10: Reduced Inequalities. It explores the principles of development finance, addressing challenges faced by developing economies and promoting financial inclusion to reduce inequalities and support sustainable economic growth.
7	IBEF-B-07	Taxation	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 10: Reduced Inequalities. By examining tax strategies and policies, it promotes equitable taxation systems that support sustainable economic growth, reduce income inequalities, and enhance government revenues for public services.
8	IBEF-B-08	Public Economics	This course aligns with SDG 16: Peace, Justice, and Strong Institutions and SDG 10: Reduced Inequalities. It focuses on the role of the state in addressing market failures, promoting economic stability, and ensuring equitable distribution of resources, which are essential for reducing inequalities and fostering good governance.
9	IBEF-B-09	Law and Economics - I	This course aligns with SDG 16: Peace, Justice, and Strong Institutions and SDG 10: Reduced Inequalities. By combining law and economics, it promotes an understanding of legal frameworks that ensure fair economic practices, social justice, and equality under the law.

10	IBEF-B-10	**Law and Economics - II**	This course aligns with SDG 16: Peace, Justice, and Strong Institutions and SDG 10: Reduced Inequalities. By combining law and economics, it promotes an understanding of legal frameworks that ensure fair economic practices, social justice, and equality under the law.
11	IBEF-B-11	**Behavioural Finance**	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 12: Responsible Consumption and Production. It explores how human behavior impacts financial decisions, encouraging responsible consumption, ethical investing, and sustainable economic growth by improving decision-making in financial markets.
12	IBEF-B-12	**Financial Economics**	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 9: Industry, Innovation, and Infrastructure. By studying financial systems and securities, the course promotes efficient financial markets that support innovation, growth, and sustainable industrial development.
13	IBEF-B-13	**International Marketing**	This course aligns with SDG 9: Industry, Innovation, and Infrastructure and SDG 12: Responsible Consumption and Production. It emphasizes the importance of sustainable marketing practices, international trade, and ethical business strategies that foster global growth while promoting responsible production and consumption.

14	IBEF-B-14	Linear Economics - I	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 9: Industry, Innovation, and Infrastructure. It promotes a comprehensive understanding of economic models that contribute to sustainable economic growth, industrial development, and efficient resource allocation.
15	IBEF-B-15	Linear Economics – II	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 9: Industry, Innovation, and Infrastructure. It promotes a comprehensive understanding of economic models that contribute to sustainable economic growth, industrial development, and efficient resource allocation.
16	IBEF-B-16	Mathematics for Economic Analysis	This course supports SDG 4: Quality Education and SDG 9: Industry, Innovation, and Infrastructure. It provides students with mathematical tools for economic analysis, helping them model and analyze economic behaviors to make informed, data-driven decisions that support sustainable economic practices.
17	IBEF-B-18	Strategic Finance and Investment Banking	
18	IBEF-B-19	Financial Risk Management	

19	IBEF-B-20	**Introduction to Game Theory**	This course supports SDG 9: Industry, Innovation, and Infrastructure and SDG 16: Peace, Justice, and Strong Institutions. By teaching students how to model strategic interactions and solve real-life problems using game theory, the course encourages innovative thinking and fair competition in economic and social contexts.
20	IBEF-B-21	**Social Exclusion and Inclusive Policy**	This course aligns with SDG 10: Reduced Inequalities and SDG 1: No Poverty. By exploring the causes and consequences of social exclusion, the course encourages students to develop inclusive policies that promote equity, social justice, and economic opportunity for marginalized communities.
21	IBEF-B-22	**Economics of Banking**	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 9: Industry, Innovation, and Infrastructure. By studying the economic functions of banks, students gain insights into banking policies, risk management, and financial innovation, supporting a resilient and inclusive financial sector.
22	IBEF-B-23	**Insurance Economics**	This course aligns with SDG 8 (Decent Work and Economic Growth) by emphasizing the role of insurance in economic development, employment generation, and financial protection. It also connects with SDG 1 (No Poverty) and SDG 3 (Good Health and Well-being) by discussing health insurance and mechanisms to reduce financial vulnerability due to unforeseen events.

23	IBEF-B-24	**Insurance Economics (Advanced Practices)**	This course aligns with SDG 8 (Decent Work and Economic Growth) by emphasizing the role of insurance in economic development, employment generation, and financial protection. It also connects with SDG 1 (No Poverty) and SDG 3 (Good Health and Well-being) by discussing health insurance and mechanisms to reduce financial vulnerability due to unforeseen events.
24	IBEF-B-25	**Urban Economics**	This course is aligned with SDG 11 (Sustainable Cities and Communities) as it explores urban growth, development strategies, and resource management, aiming to create sustainable urban environments. The focus on transportation, waste management, and sustainable development policies also supports SDG 9 (Industry, Innovation, and Infrastructure) by encouraging innovative solutions to urban problems. Additionally, the discussions on water management and environmental pollution link with SDG 6 (Clean Water and Sanitation), emphasizing sustainable water resource management in urban areas.
25	IBEF-B-26	**Economics of Labour**	The course supports SDG 8: Decent Work and Economic Growth, focusing on labor market dynamics, wage structures, and income distribution. It also aligns with SDG 5: Gender Equality by examining wage differentials by race and gender and SDG 10: Reduced Inequalities through the study of labor market inequalities and unemployment issues.

26	IBEF-B-27	**Economic Sociology**	This course aligns with SDG 10 (Reduced Inequalities) as it examines social determinants of economic action, labour market outcomes, and consumption patterns. It also connects with SDG 8 (Decent Work and Economic Growth) by exploring labour market sociology and the impacts of social structures on economic development.
M.Sc. Economics (Population Studies and Health Economics)			
1	C-01	**Microeconomics**	The course Indian Agricultural Economics (AE-A-01) aligns with several Sustainable Development Goals (SDGs), including SDG 1 (No Poverty), as it addresses employment generation, livelihood, and credit in Indian agriculture, contributing to poverty reduction. It also aligns with SDG 2 (Zero Hunger), emphasizing agricultural growth, food security, and crop yields to ensure sufficient and nutritious food access. Furthermore, the course supports SDG 8 (Decent Work and Economic Growth) by highlighting the role of agriculture in the national economy, employment generation, and market efficiency. It contributes to SDG 9 (Industry, Innovation, and Infrastructure) by discussing technological factors such as irrigation, seeds, and fertilizers, underscoring the importance of innovation and infrastructure in agricultural development. Lastly, the course promotes SDG 12 (Responsible Consumption and Production) through its focus on sustainable land use, cropping patterns, and marketing efficiency, encouraging responsible consumption and production in the agricultural sector.

2	C-02	**Macroeconomics**	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 12: Responsible Consumption and Production. By studying consumer behavior, market structures, firm dynamics, and information economics, students learn the fundamentals of how economic agents make decisions that influence market efficiency, growth, and sustainability. Additionally, the focus on game theory and behavioral economics supports sustainable consumption and production patterns and responsible decision-making under uncertainty.
3	C-03	**Statistics**	This course aligns with SDG 8: Decent Work and Economic Growth, SDG 10: Reduced Inequalities, and SDG 16: Peace, Justice, and Strong Institutions. Macroeconomics examines national income, economic growth, business cycles, and monetary policies, contributing to sustainable economic development. The discussion of income distribution, fiscal policy, and global economic trends also highlights the significance of reducing inequality and promoting economic justice.
4	C-04	**Basic Econometrics**	This course aligns with SDG 4: Quality Education and SDG 9: Industry, Innovation, and Infrastructure. By focusing on hypothesis testing, estimation methods, nonparametric statistics, and operational research, students gain the analytical skills needed to address real-world challenges in business, economics, and infrastructure. The development of statistical literacy and problem-solving abilities enhances students' ability to make data-driven decisions, contributing to innovation and economic resilience.

5	PSHE-A-01	**Population, Size and Structure**	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 9: Industry, Innovation, and Infrastructure. The course teaches econometric techniques used in empirical analysis, which are essential for informed decision-making in economics, business, and policy. It provides students with skills to analyze data and develop econometric models that can contribute to sustainable economic growth and infrastructure development through evidence-based decisions.
6	PSHE-A-02	**Fertility**	This course aligns with SDG 3: Good Health and Well-being and SDG 5: Gender Equality. By analyzing fertility patterns and nuptiality, it addresses reproductive health and family planning, which are essential for improving maternal health and achieving gender equality.
7	PSHE-A-03	**Mortality and Morbidity**	This course aligns with SDG 3: Good Health and Well-being and SDG 10: Reduced Inequalities. It focuses on understanding health disparities, mortality, and morbidity trends, aiming to reduce inequalities in health outcomes and improve overall public health.
8	PSHE-A-06	**Migration and Urbanization**	This course aligns with SDG 10: Reduced Inequalities and SDG 11: Sustainable Cities and Communities. It highlights the challenges of migration and urbanization, addressing the need for inclusive, safe, and sustainable urban environments and reducing inequalities arising from migration.

9	PSHE-A-07	**Population and Development, Population Projections**	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 4: Quality Education. By focusing on labor force dynamics and population projections, it emphasizes the role of human capital development in fostering sustainable economic growth and employment opportunities.
10	PSHE-A-08	**Public Health and Epidemiology**	This course aligns with SDG 3: Good Health and Well-being and SDG 6: Clean Water and Sanitation. It covers public health issues and epidemiological transitions, contributing to improved health systems, access to clean water, and control of communicable and non-communicable diseases.
11	PSHE-A-09	**Health Economics – I**	This course aligns with SDG 3: Good Health and Well-being and SDG 8: Decent Work and Economic Growth. By exploring the economic aspects of healthcare systems, it promotes the efficient use of resources to improve healthcare access, quality, and equity, supporting sustainable economic development.
12	PSHE-A-11	**Health Economics – II**	This course aligns with SDG 3: Good Health and Well-being and SDG 10: Reduced Inequalities. It emphasizes the role of healthcare financing and insurance in addressing health inequalities and improving the overall functioning of healthcare systems globally.
13	PSHE-A-12	**Research Methodology**	This course aligns with SDG 9: Industry, Innovation, and Infrastructure and SDG 4: Quality Education. It develops critical research skills necessary for innovation, scientific discovery, and evidence-based policymaking, contributing to educational excellence and industrial growth.

14	PSHE-A-13	**Actuarial Methods for Health and Life Insurance**	This course aligns with SDG 8: Decent Work and Economic Growth and SDG 1: No Poverty. It addresses risk management and life insurance models, promoting financial security and contributing to economic growth by mitigating poverty through effective life insurance policies.
15	PSHE-A-15	**Health Economics – III**	This course aligns with SDG 3: Good Health and Well-being and SDG 13: Climate Action. It focuses on the pharmaceutical industry, environmental health, and the economic impacts of healthcare, addressing the intersection of climate change, environmental risks, and public health.
16	PSHE-A-16	**Term Paper (In consultation with the Faculty)**	This term paper connects with multiple Sustainable Development Goals (SDGs), especially when addressing research topics like public health, health economics, or population studies. By exploring issues such as healthcare systems, disease prevention, economic access to health services, and environmental impacts on health, the paper contributes to goals like SDG 3: Good Health and Well-being, SDG 6: Clean Water and Sanitation, and SDG 1: No Poverty. The research also intersects with SDG 10: Reduced Inequality by examining healthcare disparities, making it highly relevant to various SDGs through its focus on essential global challenges.
OPTIONAL PAPERS (Any four to be opted)			

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1	PSHE-B-02	Business Analytics	This course develops proficiency in data analysis, predictive modeling, and optimization techniques. Students learn how to use tools like R for business analytics and apply their skills in strategic decision-making. The course aligns with SDG 9: Industry, Innovation, and Infrastructure, SDG 8: Decent Work and Economic Growth, and SDG 12: Responsible Consumption and Production, promoting the use of data-driven solutions for business challenges.
2	PSHE-B-03	Health Informatics 1	This course strongly aligns with SDG 3: Good Health and Well-being by promoting health informatics, which enhances the efficiency of healthcare delivery systems. The emphasis on data collection and controlled terminology supports SDG 9: Industry, Innovation, and Infrastructure by improving the technology infrastructure for health information systems. Additionally, the focus on global interoperability standards like ICD and LOINC contributes to SDG 17: Partnerships for the Goals, as it promotes international collaboration in healthcare.
3	PSHE-B-04	Health Informatics 2	This course supports SDG 3: Good Health and Well-being by focusing on telemedicine, mobile health, and healthcare informatics tools, which are critical for improving access to healthcare services. The discussion on the economic burden of diseases and epidemics like COVID-19 aligns with SDG 1: No Poverty, as it highlights the financial impact of health crises on vulnerable populations. Furthermore, by exploring digital innovations in healthcare, this course also contributes to SDG 9: Industry, Innovation, and Infrastructure.

4	PSHE-B-05	Population and Health	This course aligns with SDG 3: Good Health and Well-being, as it addresses the health systems, maternal and reproductive health, public health nutrition, and mental health issues. It also contributes to SDG 2: Zero Hunger by tackling nutrition and food security, and SDG 10: Reduced Inequalities through the focus on tribal and elderly health.
5	PSHE-B-06	Social Exclusion and Inclusive Policy	This course supports SDG 10: Reduced Inequalities by addressing issues of social exclusion in various populations, such as tribal communities, minorities, and physically challenged individuals. It also connects with SDG 5: Gender Equality by discussing gender-based exclusion and SDG 8: Decent Work and Economic Growth through its focus on labor market discrimination and employability.
6	PSHE-B-07	Academic Writing - (Swayam Platform) https://onlinecourses.swayam2.ac.in/cec20_ge29/preview	This course primarily connects with SDG 4: Quality Education, as it develops skills in academic writing, research, and digital resource creation. By emphasizing plagiarism avoidance, literature review, and effective communication, it helps improve education quality and promotes lifelong learning.

7	PSHE-B-08	Behavioural Economics	The course aligns with SDG 3: Good Health and Well-being, by analyzing decision-making behaviors related to health and well-being. It also supports SDG 8: Decent Work and Economic Growth by discussing the implications of behavioral economics on labor and finance. Additionally, SDG 12: Responsible Consumption and Production is addressed through the exploration of consumer behavior and nudging policies for sustainability.
8	PSHE-B-09	Applications of Statistical Software	This course supports SDG 9: Industry, Innovation, and Infrastructure by fostering innovation through the use of statistical software for data analysis. It also aligns with SDG 3: Good Health and Well-being and SDG 17: Partnerships for the Goals, as the course enhances the capacity to analyze health-related data sets such as DHS and NSS, contributing to research that supports evidence-based health policies.
9	PSHE-B-10	Population and Health Policies and Programmes	This course connects with SDG 3: Good Health and Well-being by addressing health and population policies, including family welfare programs, reproductive health, and child development initiatives. It also relates to SDG 5: Gender Equality through its focus on gender budgeting and women's empowerment, and SDG 1: No Poverty by examining policies aimed at social protection, such as conditional cash transfer schemes.

10	**PSHE-B-11**	**Urban Economics**	This course is aligned with SDG 11 (Sustainable Cities and Communities) as it explores urban growth, development strategies, and resource management, aiming to create sustainable urban environments. The focus on transportation, waste management, and sustainable development policies also supports SDG 9 (Industry, Innovation, and Infrastructure) by encouraging innovative solutions to urban problems. Additionally, the discussions on water management and environmental pollution link with SDG 6 (Clean Water and Sanitation), emphasizing sustainable water resource management in urban areas.
11	**PSHE-B-12**	**Insurance Economics**	This course aligns with SDG 8 (Decent Work and Economic Growth) by emphasizing the role of insurance in economic development, employment generation, and financial protection. It also connects with SDG 1 (No Poverty) and SDG 3 (Good Health and Well-being) by discussing health insurance and mechanisms to reduce financial vulnerability due to unforeseen events.
12	**PSHE-B-13**	**Advanced Econometrics**	This course covers advanced econometric topics such as time-series analysis, panel data models, and simultaneous equation models. It is designed to help students develop proficiency in econometric applications and research. The course aligns with SDG 9: Industry, Innovation, and Infrastructure and SDG 8: Decent Work and Economic Growth, contributing to data-driven decision-making in economics and business.

13	PSHE-B-14	**Mathematics for Economics Analysis**	Aligns with SDG 9 (Industry, Innovation, and Infrastructure) by teaching mathematical concepts that underpin economic modeling, helping students understand and apply methods for economic growth and infrastructure development. It also supports SDG 8 (Decent Work and Economic Growth) by providing tools for analyzing economic behaviors and optimizing resources.
14	PSHE-B-15	**Financial Economics**	This course supports SDG 8: Decent Work and Economic Growth by offering insights into financial markets and their role in fostering stable economic environments, which is critical for sustainable development. The course also contributes to SDG 9: Industry, Innovation, and Infrastructure, as it covers the role of financial instruments and derivatives in driving economic growth and managing risk within industries. By promoting a deep understanding of financial markets, the course helps future professionals contribute to building more resilient economic systems, aligning with SDG 10: Reduced Inequality, as it addresses the financial systems that can impact wealth distribution and access to resources.
15	PSHE-B-16	**Introduction to Game Theory**	Game theory's applications in strategic decision-making and conflict resolution align with SDG 16, fostering strong institutions and peace. The cooperative aspects of the course relate to SDG 17, encouraging partnerships and collaboration.

16	PSHE-B-17	Economic Sociology	This course aligns with SDG 10 (Reduced Inequalities) as it examines social determinants of economic action, labour market outcomes, and consumption patterns. It also connects with SDG 8 (Decent Work and Economic Growth) by exploring labour market sociology and the impacts of social structures on economic development.
17	PSHE-B-18	Insurance Economics (Advanced Practices)	This course primarily aligns with SDG 9 (Industry, Innovation, and Infrastructure) by exploring innovative insurance products and advanced industry practices. It also links with SDG 8 (Decent Work and Economic Growth) through topics on risk management and SDG 1 (No Poverty) due to the role of insurance in financial stability and risk reduction.
18	PSHE-B-19	Economics of labour	The course supports SDG 8: Decent Work and Economic Growth, focusing on labor market dynamics, wage structures, and income distribution. It also aligns with SDG 5: Gender Equality by examining wage differentials by race and gender and SDG 10: Reduced Inequalities through the study of labor market inequalities and unemployment issues.
M.A. (Economics)			
1	C-01	Microeconomics	Aligns with SDG 8 (Decent Work and Economic Growth) by emphasizing consumer behavior, firm decision-making, and market structures that impact economic efficiency. It also links to SDG 12 (Responsible Consumption and Production) by exploring how consumer choices and market outcomes shape resource allocation.

2	C-02	**Macroeconomics**	This course connects with SDG 8 (Decent Work and Economic Growth) by exploring macroeconomic policies, national accounting, and tools for managing business cycles. It also aligns with SDG 10 (Reduced Inequalities) through its focus on consumption, investment, and policies impacting economic disparity.
3	C-03	**Statistics**	This course aligns with SDG 9 (Industry, Innovation, and Infrastructure) through its emphasis on hypothesis testing, distribution types, and data analysis that supports decision-making in industries. It also supports SDG 17 (Partnerships for the Goals) by providing the analytical tools necessary for data-driven approaches in sustainable development.
4	C-04	**Basic Econometrics**	The course connects with SDG 8 (Decent Work and Economic Growth) by emphasizing econometric techniques essential for analyzing economic data, aiding in evidence-based policy-making. It also supports SDG 9 (Industry, Innovation, and Infrastructure) by providing methods to interpret complex economic phenomena, contributing to more resilient economies.

5	MA-A-05	**Mathematics For Economics**	This course aligns with SDG 4: Quality Education, as it provides students with critical mathematical skills and economic applications, enhancing their analytical capabilities. By fostering mathematical thinking and application in economics, it equips students with tools for solving real-world problems, which is essential for SDG 8: Decent Work and Economic Growth. The mathematical concepts learned in this course also contribute to SDG 9: Industry, Innovation, and Infrastructure, as they help students understand and analyze economic models that support sustainable industrial and infrastructural development.
6	MA-A-08	**Economic Growth and Development**	This course has a direct alignment with SDG 8: Decent Work and Economic Growth, as it addresses the multifaceted nature of economic growth and development, exploring theories and strategies to foster inclusive and sustained economic progress. The focus on poverty, inequality, and social welfare aligns with SDG 1: No Poverty and SDG 10: Reduced Inequality, providing students with a comprehensive understanding of the socio-economic challenges faced by developing countries. Additionally, the course touches on SDG 4: Quality Education, as it discusses the role of human capital development in promoting long-term economic growth and development.

7	MA-A-09	Public Economics	This course aligns with SDG 10 (Reduced Inequalities) by focusing on taxation, public goods provision, and redistribution, all aimed at addressing equity and efficiency in public finance. It also relates to SDG 16 (Peace, Justice, and Strong Institutions) by examining government intervention, fiscal policies, and the role of institutions in ensuring fair governance and public spending. The study of public expenditure, fiscal federalism, and subsidies supports SDG 1 (No Poverty) by addressing mechanisms for poverty alleviation and social infrastructure financing.
8	MA-A-10	International Economics	Aligns with SDG 8 (Decent Work and Economic Growth) by covering the principles and theories that govern international trade, fostering sustainable economic development through understanding trade policies and their impacts. It also supports SDG 17 (Partnerships for the Goals) by highlighting trade cooperation and customs unions.
9	MA-A-11	Financial Institutions and Markets	This course aligns with SDG 8: Decent Work and Economic Growth, by exploring the role of financial institutions in supporting economic growth and stability. It also supports SDG 9: Industry, Innovation, and Infrastructure, discussing the structure and regulation of financial systems that underpin industrial development. Additionally, SDG 16: Peace, Justice, and Strong Institutions is addressed through the analysis of central banking and financial regulations.

10	MA-A-12	**Indian Economy**	This course explores key milestones in India's economic development, aligning with SDG 8 by addressing sustainable economic growth and SDG 10 by examining policies and reforms that aim to reduce income inequalities. The course encourages critical thinking on poverty reduction and social security initiatives.
11	MA-A-13	**Environmental Economics**	This course strongly aligns with SDG 13: Climate Action by focusing on environmental economics and resource management to mitigate environmental degradation. It also supports SDG 15: Life on Land through the study of sustainable resource use and SDG 12: Responsible Consumption and Production, promoting the efficient use of natural resources and reducing pollution.
12	MA-A-14	**Quantitative Aptitude**	This course prepares students for advanced quantitative techniques, supporting SDG 4: Quality Education through skill development in quantitative reasoning. The course also promotes SDG 8: Decent Work and Economic Growth by providing practical skills for competitive exams and decision-making in economics and business.
13	MA-A-17	**Research Methodology**	This course is closely linked to SDG 4: Quality Education and SDG 9: Industry, Innovation, and Infrastructure as it teaches the essential skills for conducting research, critical analysis, and innovation. It also supports SDG 16: Peace, Justice, and Strong Institutions by emphasizing ethical research and data collection methods, which contribute to informed policy-making and governance.

14	MA-A-18	**Money Banking And Financial Markets**	This course connects to SDG 8: Decent Work and Economic Growth by exploring the roles of money, banking, and financial markets in driving economic growth and stability. It also supports SDG 9: Industry, Innovation, and Infrastructure by teaching about financial institutions that are crucial for sustainable economic development.
15	MA-A-19	**Public Policy and Administration**	This course aligns with SDG 16: Peace, Justice, and Strong Institutions by fostering an understanding of public administration and policy-making processes, which are essential for building effective, accountable institutions at all levels. It also connects to SDG 11: Sustainable Cities and Communities, as effective public administration contributes to sustainable urban and community development.
16	MA-A-20	**Political Economy of India's Development**	This course connects with SDG 8: Decent Work and Economic Growth, as it provides insights into India's economic development, particularly in the context of post-colonial economic growth and reforms. It also connects with SDG 1: No Poverty and SDG 10: Reduced Inequalities through its focus on poverty, inequality, and population dynamics. The course emphasizes SDG 16: Peace, Justice, and Strong Institutions by discussing the role of policy, state, and governance in shaping India's economic future and promoting sustainable and inclusive growth.

OPTIONAL PAPERS (Any four to be opted)			
1	MA-B-01	**Indian Agricultural Economics**	The course Indian Agricultural Economics (AE-A-01) aligns with several Sustainable Development Goals (SDGs), including SDG 1 (No Poverty), as it addresses employment generation, livelihood, and credit in Indian agriculture, contributing to poverty reduction. It also aligns with SDG 2 (Zero Hunger), emphasizing agricultural growth, food security, and crop yields to ensure sufficient and nutritious food access. Furthermore, the course supports SDG 8 (Decent Work and Economic Growth) by highlighting the role of agriculture in the national economy, employment generation, and market efficiency. It contributes to SDG 9 (Industry, Innovation, and Infrastructure) by discussing technological factors such as irrigation, seeds, and fertilizers, underscoring the importance of innovation and infrastructure in agricultural development. Lastly, the course promotes SDG 12 (Responsible Consumption and Production) through its focus on sustainable land use, cropping patterns, and marketing efficiency, encouraging responsible consumption and production in the agricultural sector.
2	MA-B-02	**Economics of Labour**	The course supports SDG 8: Decent Work and Economic Growth, focusing on labor market dynamics, wage structures, and income distribution. It also aligns with SDG 5: Gender Equality by examining wage differentials by race and gender and SDG 10: Reduced Inequalities through the study of labor market inequalities and unemployment issues.

3	MA-B-03	**International Relations**	This course aligns with SDG 16: Peace, Justice, and Strong Institutions and SDG 17: Partnerships for the Goals. It provides an understanding of international relations, fostering global peace, cooperation, and the development of strong institutions through diplomacy, trade, and conflict resolution.
4	MA-B-04	**International Economic Institutions**	This course aligns with SDG 17: Partnerships for the Goals and SDG 8: Decent Work and Economic Growth. It examines the roles of key international economic institutions such as the IMF and World Bank in fostering economic development, supporting global financial stability, and promoting cooperative economic frameworks to sustain growth and employment.
5	MA-B-07	**Population Studies**	This term paper connects with multiple Sustainable Development Goals (SDGs), especially when addressing research topics like public health, health economics, or population studies. By exploring issues such as healthcare systems, disease prevention, economic access to health services, and environmental impacts on health, the paper contributes to goals like SDG 3: Good Health and Well-being, SDG 6: Clean Water and Sanitation, and SDG 1: No Poverty. The research also intersects with SDG 10: Reduced Inequality by examining healthcare disparities, making it highly relevant to various SDGs through its focus on essential global challenges.

6	MA-B-08	**Indian Political System**	This course aligns closely with SDG 10 (Reduced Inequality) and SDG 1 (No Poverty), as it delves into the analysis of marginalized groups and the policies aimed at reducing social and economic exclusion. By exploring theoretical frameworks of discrimination, exclusion on the basis of caste, tribe, and minority status, and understanding the policy mechanisms like affirmative action, the course provides students with the tools to critically engage with efforts towards social inclusivity. This aligns with the broader SDG agenda to create inclusive societies that uplift marginalized populations and ensure their access to equal opportunities in social, economic, and political spheres. The course's emphasis on designing intervention strategies and studying inclusive policies contributes to achieving the targets set under SDGs aimed at fostering equality and inclusive development.
7	MA-B-09	**Linear Economics I**	This course fosters understanding of economic systems and income distribution, aligning with SDG 8 by promoting sustainable economic growth and SDG 9 by discussing production functions and infrastructure development in a theoretical framework.
8	MA-B-10	**Linear Economics II**	Through its exploration of international trade theories and monetary policy, this course aligns with SDG 8 by discussing global economic growth and SDG 10 by analyzing policies that address economic inequality in a global context.

9	MA-B-11	**Study of social exclusion and inclusive policy**	This course is strongly aligned with SDG 10 (Reduced Inequality) and SDG 1 (No Poverty) as it critically examines the systemic factors leading to social exclusion and aims to formulate strategies for their inclusion. Through an exploration of various forms of exclusion—based on caste, race, ethnicity, disability, and more—the course delves into the complexities of social and economic disparities that hinder sustainable development. Additionally, the course aligns with SDG 5 (Gender Equality) by addressing issues of exclusion based on gender and the economic participation of marginalized women. The discussions around institutional policies like affirmative action and reservation also contribute to SDG 16 (Peace, Justice, and Strong Institutions), as these mechanisms are essential for building inclusive and equitable societies. The course's focus on understanding social exclusion through theoretical perspectives and policy analysis helps equip students with the tools to promote inclusive and just economic growth.
10	MA-B-12	**Business Analytics**	This course develops proficiency in data analysis, predictive modeling, and optimization techniques. Students learn how to use tools like R for business analytics and apply their skills in strategic decision-making. The course aligns with SDG 9: Industry, Innovation, and Infrastructure, SDG 8: Decent Work and Economic Growth, and SDG 12: Responsible Consumption and Production, promoting the use of data-driven solutions for business challenges.

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11	MA-B-13	**Insurance Economics**	This course aligns with SDG 8 (Decent Work and Economic Growth) by emphasizing the role of insurance in economic development, employment generation, and financial protection. It also connects with SDG 1 (No Poverty) and SDG 3 (Good Health and Well-being) by discussing health insurance and mechanisms to reduce financial vulnerability due to unforeseen events.
12	MA-B-14	**Insurance Economics (Advanced Practices)**	This course primarily aligns with SDG 9 (Industry, Innovation, and Infrastructure) by exploring innovative insurance products and advanced industry practices. It also links with SDG 8 (Decent Work and Economic Growth) through topics on risk management and SDG 1 (No Poverty) due to the role of insurance in financial stability and risk reduction.
13	MA-B-15	**Urban Economics**	The course aligns with SDG 11 (Sustainable Cities and Communities) by focusing on urban infrastructure, transportation, housing, and the role of local governments in sustainable development. It also touches upon SDG 9 (Industry, Innovation, and Infrastructure) by discussing urban growth, city development, and agglomeration economies.
14	MA-B-16	**Advanced Microeconomics**	This course aligns with SDG 8 (Decent Work and Economic Growth) through its focus on microeconomic principles related to consumer and producer behavior, resource allocation, and general equilibrium models. It also connects with SDG 10 (Reduced Inequalities) by analyzing market structures and incentive mechanisms that impact income distribution and efficiency.

15	MA-B-01	**Indian Agricultural Economics**	The course Indian Agricultural Economics (AE-A-01) aligns with several Sustainable Development Goals (SDGs), including SDG 1 (No Poverty), as it addresses employment generation, livelihood, and credit in Indian agriculture, contributing to poverty reduction. It also aligns with SDG 2 (Zero Hunger), emphasizing agricultural growth, food security, and crop yields to ensure sufficient and nutritious food access. Furthermore, the course supports SDG 8 (Decent Work and Economic Growth) by highlighting the role of agriculture in the national economy, employment generation, and market efficiency. It contributes to SDG 9 (Industry, Innovation, and Infrastructure) by discussing technological factors such as irrigation, seeds, and fertilizers, underscoring the importance of innovation and infrastructure in agricultural development. Lastly, the course promotes SDG 12 (Responsible Consumption and Production) through its focus on sustainable land use, cropping patterns, and marketing efficiency, encouraging responsible consumption and production in the agricultural sector.

Gokhale Institute of Politics and Economics and NEP-2020 Integration

The Gokhale Institute of Politics and Economics (GIPE) has successfully integrated several aspects of the National Education Policy (NEP) 2020 into its programs, courses, and broader institutional vision. NEP 2020 encourages a multidisciplinary and holistic approach, aiming for an education system that is flexible, inclusive, and aligned with global standards. GIPE's curriculum aligns well with this vision by offering a wide range of courses that span diverse fields such as economics, finance, public policy, sociology, political economy, agricultural economics, environmental studies, health economics, Mathematics, Statistics, programming etc. This multidisciplinary framework provides students with an understanding of interconnected fields, preparing them to address real-world challenges that require diverse skill sets.

The courses at GIPE such as "Public Health and Epidemiology," "Health Economics," "Environmental Economics," and "Urban Economics" foster an interdisciplinary mindset by bridging the gap between economics and pressing global issues like public health, sustainable development, and urban planning. This approach not only adheres to NEP's emphasis on interdisciplinarity but also equips students with practical skills for solving complex problems. The emphasis on research methodology, advanced analytics, econometrics, and data science further strengthens the institution's alignment with the NEP's focus on critical thinking, innovation, and research-driven education.

Moreover, GIPE's dedication to Sustainable Development Goals (SDGs) through courses like "Introduction to Energy and Environment Economics," and the establishment of the Centre for Sustainable Development reflects its commitment to the NEP's vision of promoting sustainability and ethical growth. This integration of SDG-related content highlights the institution's focus on imparting a sense of social responsibility to its students.

In addition, GIPE has introduced dissertations in some of its programs to promote research in academics, encouraging students to delve deeper into their chosen fields. This initiative aligns with NEP 2020's strong emphasis on research and innovation as key components of higher education. By fostering a research-oriented academic environment, GIPE provides students with the tools to contribute original ideas to the academic community, which further enhances their analytical and critical thinking skills.

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GIPE's commitment to a global perspective is further exemplified by its tie-up with the University of Göttingen, which aligns with NEP's objective of fostering international collaboration. This partnership opens avenues for students to participate in global research initiatives, exchange programs, and collaborative projects, enhancing their academic and cultural exposure. Courses like "International Trade," and "International Relations" prepare students to navigate the complexities of the global economy and contribute meaningfully to international discourse.

In line with the NEP's directive for a more inclusive and standardized admission process, the National Testing Agency (NTA) has been suggested to offer a Common Entrance Exam for Admission to Higher Education Institutions (HEIs). GIPE will be implementing this policy by adopting the common entrance test model starting from the academic year 2024-25. This change will ensure that the institute aligns further with the NEP's vision of equitable and transparent admissions, offering a standardized and fair approach for students seeking to join its diverse programs.

In conclusion, GIPE's multidisciplinary approach, emphasis on sustainability, focus on research and innovation, and global collaborations place it firmly in alignment with the NEP 2020. Through a robust curriculum that fosters critical thinking, interdisciplinarity, and global competence, the institution not only adheres to the policy's key directives but also prepares its students to be responsible, knowledgeable citizens equipped to tackle the challenges of the 21st century.