

**HONOURS CERTIFICATE PROGRAMME PROPOSAL
AY 2021-2022**

Activities

- 1) RESEARCH METHODOLOGY FOR QUANTITATIVE DATA
- 2) DATA VISUALIZATION USING R
- 3) ANNUAL ECONOMICS SEMINAR
- 4) ARTHNITI JOURNAL
- 5) INDIAN ECONOMY AND FINANCIAL MARKETS
- 6) BEHAVIOURAL ECONOMICS
- 7) INDIAN ECONOMIC THINKERS

(ACTIVITY 1)

General Information of the Activity	
1.	Department and Hub Department of Economics Lingua-Humanities Hub
2.	Title of the Activity RESEARCH METHODOLOGY FOR QUANTITATIVE DATA
3.	Name of the Professor taking the course and Email address Ms. Khushboo Balani
4.	Name/s of the Resource person/s Ms. Khushboo Balani
5.	Name of the Dept Coordinator and Email address Br. Vivian Almeida SJ vivian.almeida@xaviers.edu
6.	Name of the Hub Coordinator and Email address Dr. Suvaiba Pirani suvaiba.pirani@xaviers.edu
7	Number of credits for the activity and number of hours One Credit 15 hours (inclusive of student activity)
8	Fees 500/-
9	Eligibility Open to All
10	Number of students 25-30 students
11	Duration and Time 13 th - 30 th September 2021

Details of the Activity	
1	Title: RESEARCH METHODOLOGY FOR QUANTITATIVE DATA
2	Learning Objectives: <ul style="list-style-type: none"> - Introduce the student to different aspects of the whole research process, with specific focus on quantitative research - Familiarize them with the key pitfalls during each step of writing a research paper and help them navigate the same
3	Learning Outcomes: <ul style="list-style-type: none"> - To understand the various steps of writing a research paper and inter-connection between them
4	Description: <p>This workshop provides a hands-on, step by step guide to identifying a research question, selection of the appropriate methods, data cleaning and hypothesis testing. The research output produced at the undergrad level is increasingly of greater importance given the demand for writing samples at potential workplaces and educational institutions. In this workshop, an attempt is made to walk you through the key steps to writing a research paper, starting from the identification of research problem, followed by identifying the best methods to test the same, testing of hypothesis, and lastly the conclusions to be drawn from the same. The duration of the classes will be 1.5 hours per session.</p>
5	Modules: <ol style="list-style-type: none"> 1. How to use Literature Review to identify gaps in literature and form your research question 2. After identification of the relevant gaps in literature, listing out the gaps which you choose to fill through your research. Justification of the relevance of your research. 3. Is your research question testing a pre-existing theoretical relationship using fresh empirical evidence or is it testing geographical variation observed in a given phenomenon? Are you proposing a new theory? 4. Identifying the scope of your research. How many research questions should one paper address? 5. Identifying the methods of data collection (primary or secondary or both?) What are the things to be borne in mind while constructing a survey? How does framing of the survey have implications for response? Are there checks and balances present in long surveys to ensure that the person filling them is reading all the questions? Anonymity of person and interviews on sensitive issues. What is the role of proxy questions in eliciting responses to questions like income and assets of a person? 6. Identifying data sources, listing the characteristics of the data set. Whether it's a nationally representative data set? What was/is the sampling strategy used for data collection? Can the findings of the dataset be generalised? 7. Data Analysis, Appropriate methods, Software to be used 8. Interpretation of results 9. Limitations of the research

HONOURS CERTIFICATE PROGRAMME PROPOSAL
AY 2021-2022
(ACTIVITY 2)

General Information of the Activity	
1.	Department and Hub Department of Economics Lingua-Humanities Hub
2.	Title of the Activity DATA VISUALIZATION USING R
3.	Name of the Professor taking the course and Email address Br. Vivian Almeida SJ vivian.almeida@xaviers.edu
4.	Name/s of the Resource person/s
5.	Name of the Dept Coordinator and Email address Br. Vivian Almeida SJ vivian.almeida@xaviers.edu
6.	Name of the Hub Coordinator and Email address Dr. Suvaiba Pirani suvaiba.pirani@xaviers.edu
7	Number of credits for the activity and number of hours One Credit 15 hours (inclusive of student activity)
8	Fees 500/-
9	Eligibility Open to All
10	Number of students 25-30 students
11	Duration and Time 23 rd – 28 th August 2021

Details of the Activity	
1	Title: DATA VISUALIZATION USING R
2	Learning Objectives: <ul style="list-style-type: none"> - To differentiate between quantitative and qualitative data - To plot relevant graphical representations based on the dataset - To convert datasets to graphical representations using the R software - To understand the importance of visualizing data for data analysis
3	Learning Outcomes: <ul style="list-style-type: none"> - To write the R code for plotting graphs. - To analyse and visualize a basic dataset. - To present tabular datasets in the form of graphical representations. - To plot quantitative as well as qualitative data on a basic graph - To customize the aesthetics of the graphical representations in R.
4	Description This workshop is designed to empower undergraduates to analyse and visualize data using R-codes. It aims to aid its participants present complex data in a simple and efficient manner. Besides an introduction to coding in R, the participants will also be exposed to the basic principles involved in the choice of appropriate graphs. The professional environment is constantly changing and this workshop aims to help its participants develop a basic skill-set for visualising and communicating data.
5	Topics Covered <ul style="list-style-type: none"> - Getting Started: Introduction to R, Installing R and RStudio, Knowing the R Console. - Basics of Data Management: Loading a data set, Analyzing the data, Use of Data Visualization and Applications. - Plotting a Graph: R-codes to plot a graph, Aesthetics, Labeling, Colours, Bar chart and Pie charts. - Handling Categorical Data - Handling Quantitative Data - Interactive Graphs

HONOURS CERTIFICATE PROGRAMME PROPOSAL
AY 2021-2022
(ACTIVITY 3)

General Information of the Activity	
1.	Department and Hub Department of Economics Lingua-Humanities Hub
2.	Title of the Activity ANNUAL ECONOMICS SEMINAR
3.	Name of the Professor taking the course and Email address Br. Vivian Almeida SJ vivian.almeida@xaviers.edu
4.	Name/s of the Resource person/s
5.	Name of the Dept Coordinator and Email address Br. Vivian Almeida SJ vivian.almeida@xaviers.edu
6.	Name of the Hub Coordinator and Email address Dr. Suvaiba Pirani suvaiba.pirani@xaviers.edu
7	Number of credits for the activity and number of hours One Credit 15 hours (inclusive of student activity)
8	Fees 500/-
9	Eligibility Open to students of Economics
10	Number of students 25-30 students
11	Duration and Time September 2021 – January 2022

Please Note: *Details of the Timeline will be spelled out by the Sem Team during the orientations in class.*

Details of the Activity	
1	Title: ANNUAL ECONOMICS SEMINAR
2	Learning Objectives: <ul style="list-style-type: none"> - To foster a culture of economic research among students - To inspire research enthusiasts to ask meaningful research questions - To guide undergraduate writers on how to use primary and secondary sources of data effectively - To assist writers on conducting a comprehensive review of literature - To reach a coherent analytical conclusion and subsequently suggest relevant policy actions - To hone the authors' presentation and communication skills - To give and receive constructive feedback
3	Learning Outcomes: <ul style="list-style-type: none"> - The students would acquire some basic skills needed to conduct research. - The exposure to various quantitative and qualitative research methodologies will aid their classroom learning, and instill in them a research-oriented mindset even in everyday life. - The student will have developed the skill to write a well structured and thoroughly researched academic paper. - The authors will be able to present their work with conceptual clarity in an organized and simple manner that is understandable to students of any discipline. - The student author has the opportunity to further their research interests and enhance their paper on the basis of the final feedback received from the judging panel.
4	Description <p>This seminar provides a student-friendly platform through which students of economics at the undergraduate level can embark upon a research journey. The writers are given an opportunity to apply concepts taught in the classroom to the real-world based on a specific theme. Spanning over a timeline of five months, the student writers are guided by an editorial team as they submit their research proposals, build on their ideas and build a cohesive research paper. This paper is finally presented by the writers to a panel comprising of internal faculty, external professors and student representatives. Though the seminar presentations are usually held in Khandala, it may be held online this year.</p>
5	Process <ul style="list-style-type: none"> - Submission and selection of research proposal - Drafting of the research paper - Submission of the final research paper and presentation - Presentation of the research paper before a faculty and student panel

HONOURS CERTIFICATE PROGRAMME PROPOSAL
AY 2021-2022
(ACTIVITY 4)

General Information of the Activity	
1.	Department and Hub Department of Economics Lingua-Humanities Hub
2.	Title of the Activity ARTHNITI JOURNAL
3.	Name of the Professor taking the course and Email address Dr. Aditi Sawant aditi.sawant@xaviers.edu Ms. Aparna Kulkarni aparna.kulkarni@xaviers.edu
4.	Name/s of the Resource person/s
5.	Name of the Dept Coordinator and Email address Br. Vivian Almeida SJ vivian.almeida@xaviers.edu
6.	Name of the Hub Coordinator and Email address Dr. Suvaiba Pirani suvaiba.pirani@xaviers.edu
7	Number of credits for the activity and number of hours One Credit 15 hours (inclusive of student activity)
8	Fees 500/-
9	Eligibility Open to all
10	Number of students 25-30 students
11	Duration and Time <i>To be scheduled</i>

Details of the Activity	
1	Title: ARTHNITI JOURNAL
2	Learning Objectives: <ul style="list-style-type: none"> - Introduce the student to research writing - Encourage economic research within the college
3	Learning Outcomes: <ul style="list-style-type: none"> - Be able to understand the process of writing a research paper/article - Have a published research paper/article at Arthniti
4	Description Academic papers and articles selected for publication at Arthniti are eligible for an Honours credit. Students have to enroll into this activity on selection for earning a credit.

HONOURS CERTIFICATE PROGRAMME PROPOSAL
AY 2021-2022
(ACTIVITY 5)

General Information of the Activity	
1.	Department and Hub Department of Economics Lingua-Humanities Hub
2.	Title of the Activity INDIAN ECONOMY AND FINANCIAL MARKETS
3.	Name of the Professor facilitating the course and Email address Ms. Aparna Kulkarni aparna.kulkarni@xaviers.edu
4.	Name/s of the Resource person/s Mr. Chandrasekhar Tilak chandrashekhartilak@gmail.com
5.	Name of the Dept Coordinator and Email address Br. Vivian Almeida SJ vivian.almeida@xaviers.edu
6.	Name of the Hub Coordinator and Email address Dr. Suvaiba Pirani suvaiba.pirani@xaviers.edu
7	Number of credits for the activity and number of hours One Credit 15 hours (inclusive of student activity)
8	Fees 500/-
9	Eligibility Open to All
10	Number of students 25-30 students
11	Duration and Time 13 th – 21 st September 2021

Details of the Activity	
1	Title: INDIAN ECONOMY AND FINANCIAL MARKETS
2	Learning Objectives: <ul style="list-style-type: none"> - Introduce the student to various investment instruments - Familiarize them with trading in stock market - Introducing students to interrelation between economy and financial system.
3	Learning Outcomes: <ul style="list-style-type: none"> - To understand the significance of financial system in the economy - To analyze the functioning of stock market - To understand the relation between financial sector and real sector in the economy.
4	Description This workshop will enable students to understand the linkage between financial markets and the economy. Investment instruments, market transactions, Ponzi schemes are some of the topics which will be covered in the workshop.
5	Modules <ul style="list-style-type: none"> - Economy and markets - Investment instruments in markets - Investment advisors and their relevance - Role of finance in sectoral development - Derivatives market - Covid – 19 pandemic, financial markets and Indian Economy

HONOURS CERTIFICATE PROGRAMME PROPOSAL
AY 2021-2022
(ACTIVITY 6)

General Information of the Activity	
1.	Department and Hub Department of Economics Lingua-Humanities Hub
2.	Title of the Activity BEHAVIOURAL ECONOMICS
3.	Name of the Professor taking the course and Email address Dr. Anirudh Tagat
4.	Name/s of the Resource person/s Dr. Anirudh Tagat
5.	Name of the Dept Coordinator and Email address Br. Vivian Almeida SJ vivian.almeida@xaviers.edu
6.	Name of the Hub Coordinator and Email address Dr. Suvaiba Pirani suvaiba.pirani@xaviers.edu
7	Number of credits for the activity and number of hours One Credit 15 hours (inclusive of student activity)
8	Fees 500/-
9	Eligibility Open to all
10	Number of students 25-30 students
11	Duration and Time 06 th – 10 th December 2021

Details of the Activity	
1	Title: BEHAVIOURAL ECONOMICS
2	<p>Learning Objectives:</p> <ul style="list-style-type: none"> - Provide an introduction to fundamental concepts, theories, and seminal studies in behavioural science and behavioural economics - Provide a critical lens through which to understand human decision-making, combining insights from economics, psychology, and behavioural science - Generate discussion points on applications of behavioural economics, and introduce experimental research methods for further study
3	<p>Learning Outcomes:</p> <ul style="list-style-type: none"> - Critically assess existing theories in economics and understand behavioural basis for the same - Explore existing theories in behavioural economics and apply varied methods to assess their applicability - Review government and corporate policies through the lens of principles of behavioural economics - Innovate on existing theories in behavioural economics with insights from psychology
4	<p>Description</p> <p>This workshop seeks to provide an introduction to behavioural economics at the undergraduate level. It will draw on foundational theories related to behavioural economics and place them in the context of traditional economic theory that makes the assumptions of homo-economicus (i.e. rational, self-interested, utility-maximizing individual). The workshop will first establish fundamental principles in behavioural economics and then explore the methods through which behavioural economics is applied in research, typically via experiments and randomized controlled trials. The last module will inculcate thinking in behavioural economics by showing its many applications to public policy, businesses, and civil society.</p>
5	<p>Modules (<i>tentative</i>)</p> <ul style="list-style-type: none"> • Principles of Behavioural Economics – I: History of Behavioural Economics, Bounded Rationality, Prospect Theory (Loss Aversion, Endowment Effect) – Heuristics and Biases (Availability, Anchoring, Adjustment, Framing), Intertemporal Choice (Self-control problem) and Reference Dependent Preferences • Principles of Behavioural Economics – II: Cognitive biases, Consumer behaviour (Choice overload, option paralysis), Mental Accounting, Social Preferences (inequity, fairness, trust) and Decision-making under uncertainty (risk aversion) • Methods used in Behavioural Economics: Theoretical studies in behavioural economics, Experimental methods: Lab Experiments – Field Experiments – Natural Experiments – Policy Experiments and Critique of methods used • Applications of Behavioural Economics: Applications in Policy (Education, Health, Development, Welfare), Applications in Business and Corporations, Nudging & Choice Architecture and Critique of behavioural economics.

HONOURS CERTIFICATE PROGRAMME PROPOSAL
AY 2021-2022
(ACTIVITY 7)

General Information of the Activity	
1.	Department and Hub Department of Economics Lingua-Humanities Hub
2.	Title of the Activity INDIAN ECONOMIC THINKERS
3.	Name of the Professor taking the course and Email address Ms. Aparna Kulkarni aparna.kulkarni@xaviers.edu
4.	Name/s of the Resource person/s
5.	Name of the Dept Coordinator and Email address Br. Vivian Almeida SJ vivian.almeida@xaviers.edu
6.	Name of the Hub Coordinator and Email address Dr. Suvaiba Pirani suvaiba.pirani@xaviers.edu
7	Number of credits for the activity and number of hours One Credit 15 hours (inclusive of student activity)
8	Fees 500/-
9	Eligibility Open to All
10	Number of students 25-30 students
11	Duration and Time 15 th – 25 th February, 2022

Details of the Activity	
1	Title: INDIAN ECONOMIC THINKERS
2	Learning Objectives: <ul style="list-style-type: none"> - Introduce the student to the tradition of Indian economic thinkers - Familiarize them with the fundamentals of economic policy making in India by introducing them to Indian economic thought
3	Learning Outcomes: <ul style="list-style-type: none"> - To understand the perspective of Indian economic thought. - To analyze the contribution of Indian economic thinkers in shaping the economic policies. - To build the awareness of indigeneity of economic thought of Indian origin. - To develop the understanding of Indian economic thought in the light of western theories.
4	Description <p>The impact of colonialism is still a dominant factor that affects the policy making in India in many ways. Colonialism coupled with the intellectual dominance of western thought were the dominant forces in pre independent India. During colonial period Indian economic thinkers have attempted to analyze how British rule has spoilt the business spirit of Indian people. The contribution of Indian thinkers must be examined in the light of western dominance and colonial impact. This course makes an endeavor to understand the academic contribution of Indian thinkers during colonial period and after.</p>
5	Modules <ul style="list-style-type: none"> • Introduction to Indian Economic thought <ul style="list-style-type: none"> ○ Economics in Vedas ○ Varnashram Dharm and Indian Society ○ Indian Philosophical Tradition and Economic perspective ○ Lokayat Darshan and Charvakas • Economic thought in Ancient India <ul style="list-style-type: none"> ○ Public Administration ○ Urbanization and town planning ○ Rural enterprises ○ Public Finance • Pre colonial and colonial India <ul style="list-style-type: none"> ○ British rule and Indian economy ○ Colonial thinkers and economic problems of British India ○ Economic Nationalism ○ British rule and Foreign trade ○ Colonial thinkers • Indian Economic thought in independent India: Contribution of Jawaharlal Nehru, P. C. Mahalanobis, C. N. Vakil, P. R. Brahmananda and D. N. Gadgil. • Economic philosophers in India: B. R. Ambedkar, C. D. Deshmukh, Vaikunth Mehta, Dandekar and Rath, and VKRV Rao. • Contemporary thinkers: Dr. Suresh Tendulkar, Dr. Manmohan Singh, Sukhmoy Chakraborty, Amartya Sen and Jagdish Bhagwati.