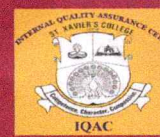
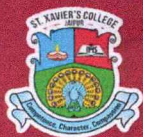




1.2.1

Programme Brochure/notice for Certificate/Value added Programs with Course Modules and Outcomes

ACADEMIC SESSION 2020-2021



1.2.1

Details of Certificate/Value added courses and online courses of MOOCs, SWAYAM, NPTEL Offered in the Institution

Academic Session 2020-21

The following are the details of Add on /Certificate/Value added courses offered.

S.no	Name of Course	Department	No. of Students	Duration of Course
1	Advance Tally	Commerce	444	30 Hours
2	Health Economics	Economics	13	30 Hours
3	Entrepreneurship and New Venture Creation	Business Administration	678	30 Hours

Online courses of MOOCs, SWAYAM, NPTEL

S.no	Name of Course	Course Code	No. of Students	Duration of Course
1	Cost Accounting	noc20-mg53	1	4 Week
2	Great Experiments in Psychology	noc20-hs45	3	4 Week
3	Economics of Health and Health Care	noc20-mg69	1	8 Week
4	Gender and Literature	noc20-hs59	3	8 Week
5	Feminist Writings	noc20-hs58	2	12 Week
6	International Business	noc20-mg54	11	12 Week
7	Introduction to Western Political Thought	noc20-hs61	3	12 Week
8	Principles of Management	noc20-mg58	4	12 Week
9	The Joy of Computing using Python	noc20-cs83	3	12 Week
10	Production and Operation Management	noc21-mg13	1	12 Week
11	Cloud computing	noc21-cs14	1	8 Week


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DEPARTMENT OF COMMERCE

Add on course on Advance Tally

Course Instructors

Dr. Mahua Majumdar Bose, Dr Ekta, Ms Akansha Arora, Dr. Neetu Sharma

(Assistant Professors)

Department of Commerce

Mr Lokesh Kumawat

(Accountant)

2020-21

(October to January)




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Ref: SXC/ACAD/COMMERCE/2020/ 2392

23/9/2020

NOTICE

Department of Commerce

The Department of Commerce is offering three months (30 contact hours) Add-on course on Advanced Tally.

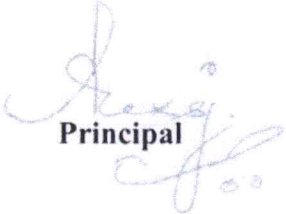
The course is open for students of all the streams with minimum eligibility of attendance and satisfactory performance during the course. Successful students will be awarded with a certificate.

Tentative date of commencement of course will be 1st October 2020.

Interested students can give their names to the course coordinators by 28 September, 2020.

Dr. Ekta
Course Coordinator
8233222482

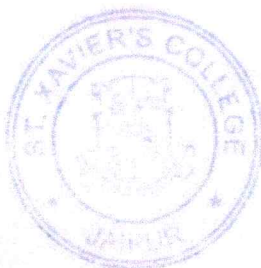
Dr. Mahua Bose
Course Coordinator
9829057920


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Ref. No. SXC/ACAD/COMMERCE/2020/ 2393-2398

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4. Heads, All Departments, St Xavier's College, Jaipur.
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Advance Tally

Course Type – Add-on

Course Code – BCOM/AO/AT-20

Course Duration: 30 Hours

Target Audience – All Streams

Eligibility

1. 10+2 with a basic knowledge of Business, Management and Commerce
2. Attendance of minimum 50% in the respective departments

Brief Description - Tally is an Accounting Software for small and medium businesses. It is a very useful software for such businesses to manage their accounts seamlessly. Advanced Tally Techniques course is designed for individuals aiming to deepen their understanding and proficiency in using Tally, the premier accounting software. This course will equip the students with advanced strategies and tools to optimize financial management processes and drive business success.

- It is a 30 hour course (2-3 classes in a week) according to the schedule.
- **Examination:** - Assessment will be based on an exam in which students have to get at least 50% marks.
- **Attendance:** - At least 75% attendance in the course is compulsory to sit in the exam of this course.
- After completion of the Certificate Course, students will get a certificate for the same.

Course objectives

- The aim is to provide students with essential work skills, allowing them to earn a certificate in addition to their degree.
- Will prepare students for self-employment.
- Equip them with necessary skills for better job opportunities.

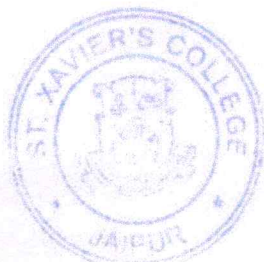
Course outcomes:

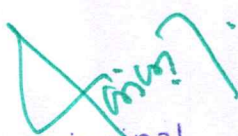
CO 1. Focus on the key tools in the tally software.

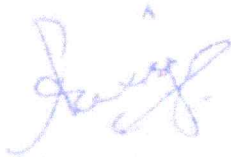
CO 2. Apply the concept of various financial management basics in the software.

CO 3. Understand all the applications according to the current scenario.

CO 4. Understand the key functions of tally software.




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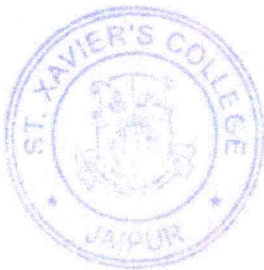

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- CO 5. Will be able to co-relate the various functions of tally.
- CO 6. Understanding the use of application in related to various practical examples.
- CO 7. To learn the strategies for better accounting function.
- CO 8. It teaches the students to maintain accounts with and without inventory.
- CO 9. Students will be able to enter accounting entries with the help of this software.
- CO 10. This course will make the students ready with required skill for employability in the job market



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Syllabus

Hours

Unit-I

8 Hours

Accounting – debit, credit, balance sheet, Billing – generating/raising invoice.

Advanced Accounting Methods: Complex Voucher Entries and Adjustments, Multi-Currency Transactions, Advanced Inventory Management Techniques

Unit-II

8 Hours

Payroll functions like employee categories, employee groups, attendance, pay heads and course employees.

Unit-III

7 Hours

Financial Reporting and Analysis: Advanced Financial Statements Customization, Ratio Analysis and Interpretation, Advanced Budgeting Techniques; Inventory – maintenance of stock

Unit-IV

7 Hours

Business Intelligence with Tally: Data Analysis Techniques, Forecasting and Predictive Analytics, Business Insights and Decision Support; Banking – all banking functions related to small businesses

Scheme of exam –

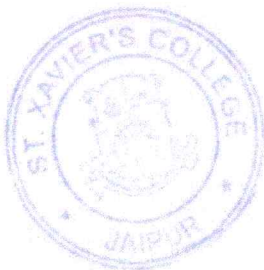
- 70 marks- Exit Test. Students have to score more than 50% in order to pass and be eligible for certification.
- 30 marks assignment – 1 Hour practical exam

Certification – Students will receive a certificate mentioning their grade –

- >75% - outstanding - A++
- 70-74.9% - Very Good - A +
- 60-69.9% - Good - A
- 50-59.9% Pass – B

Reference and Textbooks:

- Education, Tally. *Now Official Guide to Financial Accounting Using Tally. ERP 9.* BPB Publications, 2018.



(Signature)

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Add on course on Advance Tally (2020-21)

Report

To Bridge the gap between theory and practical learning the department has started the Add-on course on Tally. This was organised Online. This course has enabled students to understand accounting through Tally software. This is so widely used that it has become important for the students seeking jobs in the finance department to learn Tally to the advanced level This course was open for all the streams. 448 students enrolled and 444 students successfully completed it. The students were awarded certificates for successful completion of the course.




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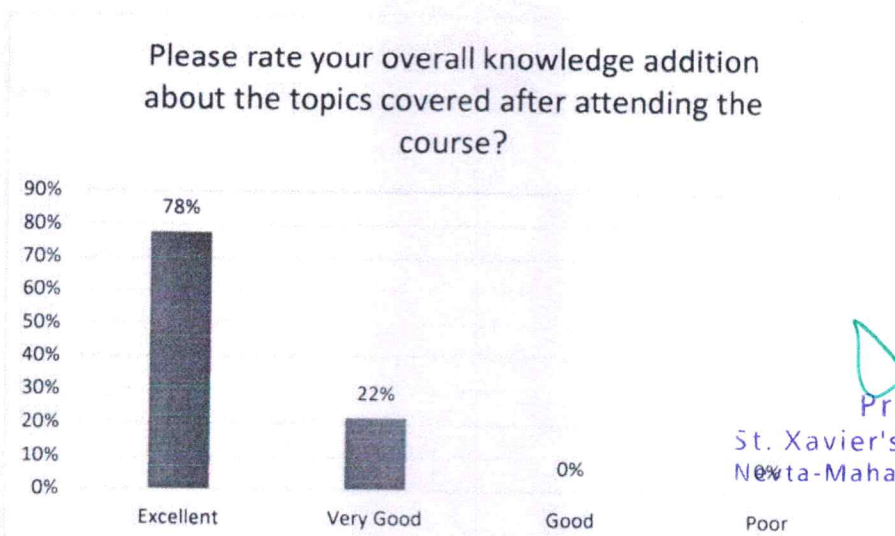
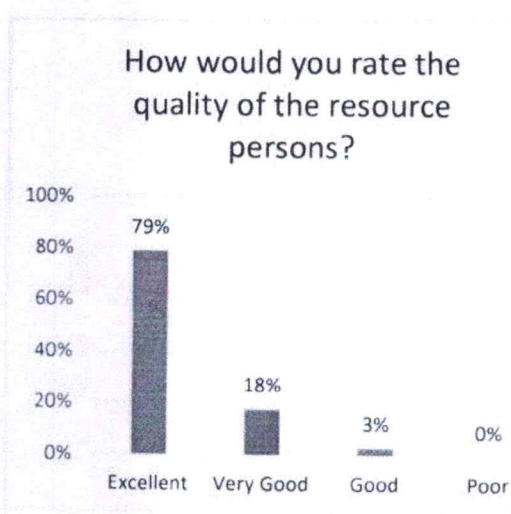
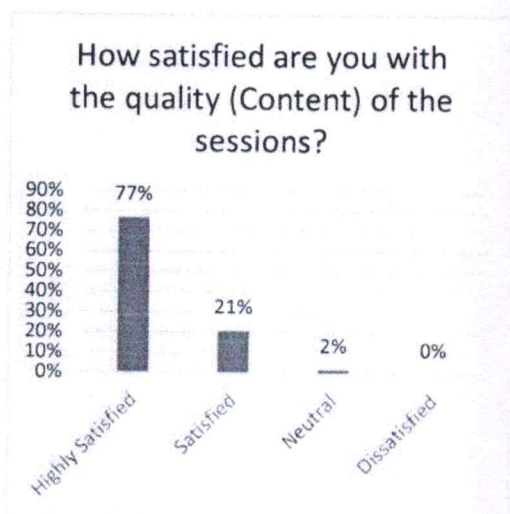
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Add on course on Advance Tally (2020-21)

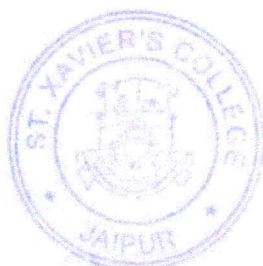
Feedback

The course was offered online and focused on practical experience using Tally software, which satisfied the students need for hands-on learning. Their contentment was apparent as they acquired significant expertise and kept themselves informed about college announcements about the course. They expressed a wish for more sessions and requested advanced courses—such as GST knowledge integration—in order to improve their knowledge and abilities even further.



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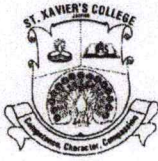
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DEPARTMENT OF ECONOMICS

Certificate course on Health Economics

Course Instructors

Ms. Poorvi Medatwal, Ms Maharshi Sharma, Ms. Nupur Chauhan

(Assistant Professors)

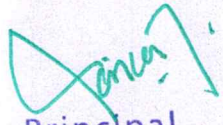
Department of Economics and Psychology

2020-21

(October to December)




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Ref. No. SXC/ACAD/ECONOMICS/2020/2591

Date: 12/10/2020

Notice

Department of Economics & Psychology

The Department of Economics and Psychology is offering a certificate course in "**Health Economics**". Due to the global pandemic of Covid-19, health and economics are badly affected all around the world. This course aims at introducing the students to health in the framework of economic theory.

This course will be spread over two months with a minimum of 30 lecture hours. It's mandatory for the students to have at least 75% attendance and complete the assignment in time during the course. Successful students will be awarded with a certificate.

The course is open for all the students of the college, irrespective of their stream. Interested students can give their name to the course coordinator and fill a google form for basic information.

Date of Commencement of the course: 21 October 2020

Fees: ₹ 1000

Mode of Fee payment: Online

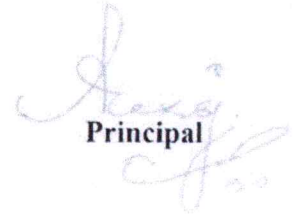
No. of Seats: 30 seats

Platform: Edunext

Google Form Link:

https://docs.google.com/forms/d/e/1FAIpQLScxIMigc889WKPwyyvO4uNYgSdg-h4-Sm-4WAaAxjw5E9zi0IQ/viewform?usp=sf_link

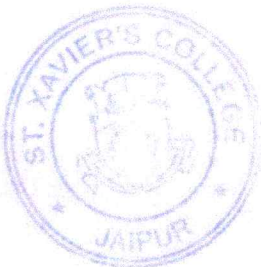
Coordinators: Maharshi Sharma maharshisharma@stxaviersjaipur.org
Nupur Chauhan nupurchauhan@stxaviersjaipur.org


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Ref. No. SXC/ACAD/ECONOMICS/2020/2592-2596

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Department of Economics

Curriculum

Course Name: **HEALTH ECONOMICS**

Course Type: Certificate Course

Course Code: ECO/CC/HE-20

Course Duration: 30 hours

Target Audience – All Streams

Eligibility criteria

- Those students who are pursuing UG
- Minimum 50% attendance in the respective departments

Need and objective: This course aims at introducing the students to health economics in the framework of economic theory. The course will enable the students to apply economic theory to understand the demand for health care, market failure in health insurance, economic evaluation of health care programmes and the role of public policy in the healthcare industry. It will help in understanding the effects of a pandemic as well as the effects of policy interventions.

Unit – I: Basics of Health Economics (6 hours)

Definition of health; Economic evaluation of health; demand and supply in Health Economics; equity and efficiency

Unit – II: Health Dimensions of development (6 hours)

Linkages between health and development; role of government in healthcare provision; public-private dichotomy; role of private sector in health care; Economic development and health; nutrition and health; social dimensions of health

Unit – III: Economic dimensions of financing healthcare (6 hours)

Financing of healthcare: principles and constraints; production of healthcare; healthcare delivery; resource allocation and purchasing; development assistance for healthcare; user charges




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Unit - IV: Economics of pandemic (6 hours)

Brief history of pandemics; Economic, social, political and cultural impact of a pandemic; role of government and private sector during a pandemic; public health interventions

Unit – V: Protecting mental health and wellbeing during pandemic (6 hours)

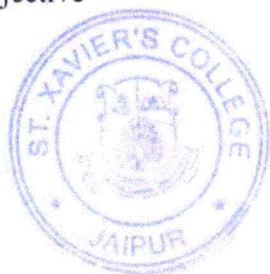
Difference between endemic, epidemic and pandemic; Psychosocial vulnerability; Impact on mental health; Resilience and optimism in the time of uncertainty; Managing mental health and well being

Course outcomes

- CO 1. Gain an understanding of the key tools of Health Economics.
- CO 2. Interpret and appropriately apply the concepts of Economics within the context of a health system.
- CO 3. Have an understanding of health-related behavioural determinants.
- CO 4. Understand the demand and supply determinants in provision of healthcare.
- CO 5. Be able to analyse, describe and critically address economic aspects of global health issues.
- CO 6. Understanding the economic implications of a pandemic and public health interventions.
- CO 7. Introduction to Endemic, Epidemic, and Pandemic
- CO 8. To learn the strategies for maintaining optimistic and resilient thinking
- CO 9. Study of Psychosocial Vulnerability
- CO 10. Detailed analysis of actions to be taken for managing mental health

The Scheme of Examination

Assignment 30 marks: Method of assessment (assignment etc.) – 1 Hour exam Subjective and Objective



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Exit test 70 marks: Exit Test. Students have to score more than 50% in order to pass and be eligible for certification.

Certification – Students will receive a certificate mentioning their grade –

> 75% - outstanding - A++

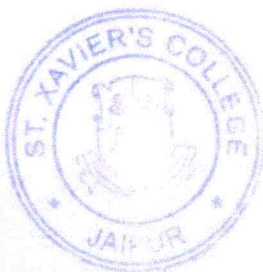
70-74.9% - Very Good - A +

60-69.9% - Good - A

50-59.9% Pass – B

References and text book

- "Basics of Health Economics" by World Bank Institute,
<https://olc.worldbank.org/content/basics-health-economics-self-paced>
- "Health dimensions of development",
<http://egyankosh.ac.in/bitstream/123456789/60557/3/Unit-17.pdf>
- "Determinants of health status", <http://egyankosh.ac.in/bitstream/123456789/60556/3/Unit-18.pdf>
- "Economic dimensions of financing healthcare",
<http://egyankosh.ac.in/bitstream/123456789/60555/3/Unit-19.pdf>
- "Some basic economics of COVID-19 policy" by Casey B. Mulligan, Kevin M. Murphy and Roert H. Topel, Chicago Booth Review, April 27, 2020,
<https://review.chicagobooth.edu/economics/2020/article/some-basic-economics-covid-19-policy>
- "Economics in the time of COVID-19", edited by Richard Baldwin, Beatrice Weder di Mauro, CEPR Policy Research Portal, <https://cepr.org/sites/default/files/news/COVID-19.pdf>
- Coronavirus impact on India Mc Kinsey Report, <https://www.mckinsey.com/featured-insights/india/getting-ahead-of-coronavirus-saving-lives-and-livelihoods-in-india>




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Add on course on Health Economics (2020-21)

Important Instructions for enrollment in Certificate Course in Health Economics

About the course: This course aims at introducing the students to health in the framework of economic theory. The course will enable the students to apply economic theory to understand the demand for health care, market failure in health insurance, economic evaluation of health care programmes and the role of public policy in the healthcare industry. It will help in understanding the effects of a pandemic as well as the effects of policy interventions.

Duration: 30 hours (2 lectures per week)

Mode: Online (EduNEXT platform)

Instructions for enrollment

- **Filling up of google form:** The student must fill and submit the google form for Health Economics.

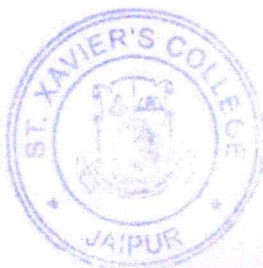
Link for google form:

<https://docs.google.com/forms/d/1ywZtt4QbGvaI7WWLsc0KgAesNmSXhXCpDM7z8SoFQDo/edit>

- **Fee payment:** Fee payment will be done through ERP. Login to ERP using your credentials. Click on the tab 'apply for short term course'. A new window opens. Select 'Certificate Course in Health Economics' from drop-down menu. Click on Apply. Then click on Pay Now. After this, you will be directed to feepayr.com. Thereafter, the payment process is same as admission fee payment.
- **Registration on EduNEXT platform:** After fee payment, the student is required to register himself/herself on the EduNEXT platform.

Link: <https://CC1-HealthEconomics.edunext.io/courses/course-v1:CC1-HealthEconomics+DOE-CC1+2020-2021/about>

- Only those students who complete the above two forms will be considered as enrolled for the course.




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- All students must fill the feedback form after attending a lecture. The link for the form is attached below each lecture video.

How to get certificates?

Certificates will be provided to those students who complete all assignments, feedback forms and pass the final exam.



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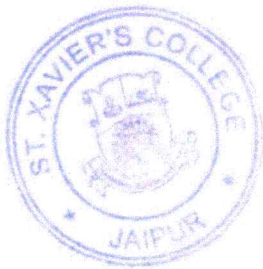
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Add on course on Health Economics (2020-21)

Report

The Department of Economics in collaboration with the the Department of Psychology of St. Xavier's College Jaipur organised an add on course '**30 hours Add-on Course on Health Economics**' held from **21.10.2020 to 22.12.2020** for the students of all the departments. Certificate course on Health Economics, was run under the guidance of **Ms Maharshi Sharma** and **Ms Nupur Chauhan** to introduce students to health in the framework of economic theory during the COVID-19 pandemic. It was a 30- hour lecture course in which **13 students** participated and completed successfully and were awarded with certificates.



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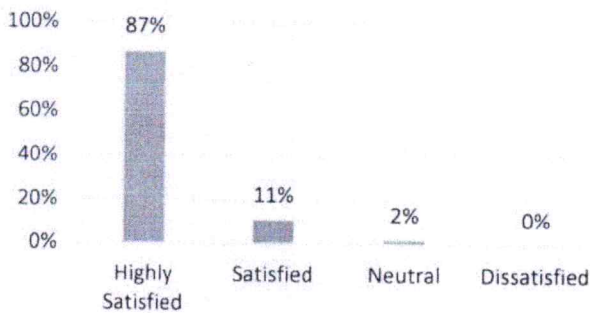
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Add on course on Health Economics (2020-21)

Feedback Report

The Department of Economics organised an add on course '30 hours Add-on Course on Health Economics' held from 21.10.2020 to 22.12.2020 for the students of all the departments.

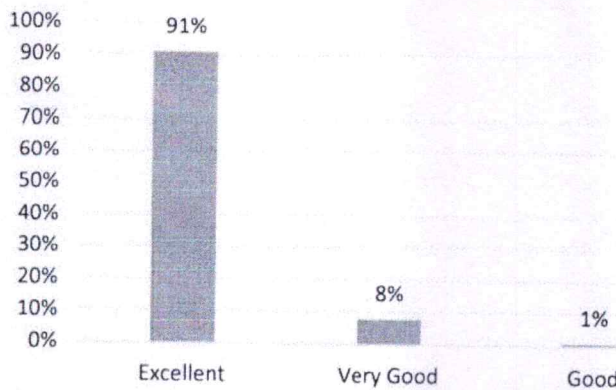
How satisfied are you with the quality (Content) of the course?



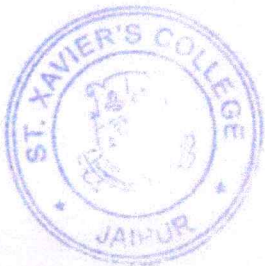
How would you rate the quality of the resource persons ?



Please rate your overall knowledge addition about the topics covered after attending the course ?



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DEPARTMENT OF BUSINESS ADMINISTRATION

Add On Course on Entrepreneurship and New Venture Creation

Course Instructors

Dr. Ranju Mehta

NATIONAL DIRECTOR

at

I CREATE INDIA

Dr. Shikha Arora Bakshi, Dr. Leena Sharma, Dr. Happy Agrawal,

Dr Salim Khan, Ms Anjali Pareek, Ms. Ankita Rathore

(Assistant Professors)

Department of Business Administration

Dr. Nitasha Khatri,

(Assistant Professor)

Department of Commerce

Dr. Boola Choudhary, Ms. Sunita Choudhary

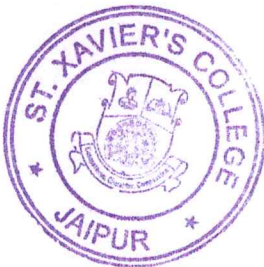
(Assistant Professors)

Department of Economics

St. Xavier's College Jaipur

2020-21

(November to February)



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Ref. No. SXC/ACAD/IIC/2020/2843

Date: 3/11/2020

Notice

Innovation and incubation Cell (IIC) and E-Cell – Department of Business Administration organizes a 3-Month (30 contact hours) Certified Add on Course on “**Entrepreneurship and New Venture Creation**”. The course will help students learn the specialised skills of becoming an entrepreneur and a job creator in their near future. The course is open for students of all streams.

Course Details:

Begins on Date: 18-11-2020

Platform: Google Meet

Kindly register through the following link before 9-11-2020

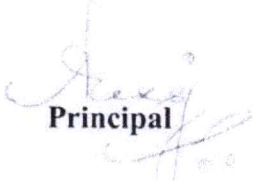
<https://forms.gle/icWRPyadqpWEnN5o7>

For further details contact:

Coordinators

Dr. Shikha Arora Bakshi (9414377628)

Dr. Leena Sharma (9929704343)


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Ref. No. SXC/ACAD/IIC/2020/2844-48

Copy Forwarded to the following for information and necessary action:

- 1-2. Vice-principals, St. Xavier's College – Jaipur
3. HODs of all departments, St. Xavier's college – Jaipur
4. Website Coordinator, St. Xavier's College – Jaipur
5. Office, St. Xavier's College – Jaipur




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Curriculum

Course Name: **ENTREPRENEURSHIP AND NEW VENTURE CREATION**

Course Type: *Certificate* Course

Course Code: BBA/*CO*/ENVC-20

Course Duration: 30 hours (3 Months)

Target Audience – All Streams

Eligibility criteria

This course is open for all the students of St. Xavier's College, Jaipur. Interested students can contact the teacher coordinator from the Department of Management.

Brief Description - The Department of Management is offering a certificate course in Entrepreneurship and New Venture Creation. Entrepreneurship is the viewpoint in which an individual is an imaginative and innovative agent with an aim for ownership and the right to make proprietary decisions, a body of knowledge. Entrepreneurship skill development is a procedure where the knowledge and skills of the students are enhanced via multiple classrooms and activities.

- It is a 30 hours course that will be covered in 3 months.
- Examination: - Assessment will be based on an exam in which students have to get at least 75% marks.
- Attendance: - At least 75% attendance in the course is compulsory to sit in the exam of this course.
- After completion of the Certificate Course, students will get a certificate for the same.

Course Objectives:-

- To help develop entrepreneurship skills
- To enhance knowledge and skills via multiple activities
- To generate room for employment

Course outcome

CO 1. Understand the need for entrepreneurial discipline.

CO 2. To let the entrepreneur set or reset the objectives of his business and work individually



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and along with his group.

- CO 3. Analyze the environment set up relating to small industry and business.
- CO 4. Develop passion for integrity and honesty.
- CO 5. Develop and strengthen the entrepreneurial quality, i.e. motivation or need for achievement.
- CO 6. Understand the procedure of small scale industries.
- CO 7. Develop wide vision about the business
- CO 8. Develop passion for integrity and honesty



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Syllabus

Hours

Module I

5 Hours

INTRODUCTION TO ENTREPRENEURSHIP

- Why self-employment- advantages over wage employment, entrepreneurship development
- Entrepreneurship competencies
- Effective communication and time management skills
- Experience sharing by successful entrepreneurship

Module II

5 Hours

BUSINESS MODELS/ LEGAL ASPECTS OF BUSINESS

- Business ideation, tools for generating business idea, SWOT analysis
- Legal aspects of business; explain legal issues; need for a lawyer, patent right, trade secret, licensing.
- IT factor, E-filing of various tax returns online marketing/ customer profiling.
- Product safety & liability, insurance and copyright.

Module III

5 Hours

BUSINESS STRATEGY AND PROMOTION OF BUSINESS

- Understanding the customer and industry.
- Market needs and competitive advantage.
- Strategic positioning and planning
- Attracting and retaining customers
- Customer care and managing complaints
- Recent trends in marketing

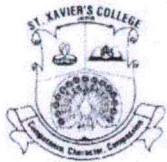


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Module IV

5 Hours

MANAGING HR AND FINANCE

- Record keeping
- Insurance and banking- risk management
- Taxation
- Introduction to human resource management
- HR laws and regulations and social security
- Current issues and trends in HRM

Module V

5 Hours

LAUNCHPAD AND STRATEGY GARAGE

- Selling the idea to investors
- Common crisis in business; pitfalls and thesis control
- Licensing and registration: formalities for obtaining trade license from panchayat / municipal agencies
- Formalities for obtaining PAN card, TAN service, service tax, GST, registration.

Module VI

5 Hours

INDUSTRY VERTICALS

- Tourism and hospitality.
- Supply chain management
- Family business
- Media and entertainment
- International business



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- A candidate is required to appear in continuous assessment program which will have weightage in final result calculation.
- Each candidate is required to appear for final presentation and multiple choice questions of the entire syllabus as the part of the final assessment.
- Examination: - Assessment will be based on an exam in which students have to get at least 75% marks.
- Attendance: - At least 75% attendance in the course is compulsory to sit in the exam of this course.

Certification – After completion of the Certificate Course, students will get a certificate for the same mentioning their grade –

> 75% - outstanding - A++

70-74.9% - Very Good - A +

60-69.9% - Good - A

50-59.9% Pass – B


References and text book

- Ramachandran, Kavit. Entrepreneurship Development: Indian Cases on Change Agents. Tata McGraw-Hill Pub., 2009
- Byrd, Mary Jane, and Leon C. Megginson. Small business management: an entrepreneur's guidebook. McGraw Hill, 2013.




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Add-on Course "Entrepreneurship and New Venture Creation"

Report

Innovation and Incubation Cell (IIC) of St. Xavier's College Jaipur and E- Cell Department of Business Administration organized a three month certified Online Add -on Course on "Entrepreneurship and New Venture Creation" for the students of St. Xavier's College, Jaipur. An MOU was signed with I CREATE INDIA for being the knowledge and training partner. Dr. Ranju Mehta conducted the course as the resource person. 756 students enrolled for the course and 678 students successfully completed it.


I Create is an award-winning non-profit entrepreneurship & employability skills training organization and has technical partnership with New York based Network for Teaching Entrepreneurship (NFTE), a highly reputable international entrepreneurship training organization. I Create has been in existence for the past 20 years and has centers in different parts of India. I Create's mission is Creating Job Creators: economic empowerment of disadvantaged members of the society through entrepreneurial programs, access to capital and mentoring, and providing employability skills to poor communities.

A group of 30 students enrolled for the course and 34 learning sessions were organized, spread from the period of November 2020 till February 2021. Eminent resource persons from the Academics and Industry took a detailed training program on Entrepreneurship. Various sessions were taken on like by Business Plan - What, Why, and How? Idea to execute Market and Other Research Business Structures, Statutory requirements - License, Tan, Pan, GST etc., types of cost, preparation of expected income statements, break even analysis, power of networking, digital marketing etc. The students experienced a great learning experience and showcased their business ideas by participating in a business start-up competition organized as a course concluding and evaluation process.




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Add on course

Entrepreneurship and New Venture Creation (2020-21)

FEEDBACK

Entrepreneurship and New Venture Creation course was great success and with participation of 756 students and with the 90% passing and the feedback form was published and the results were:

Q1. How satisfied are you with the quality (Content) of the session / activity?

- a) Highly Satisfied were 85%
- b) Satisfied were 5%
- c) Neutral were 10%
- d) Dissatisfied were 0%

Q2. How would you rate the quality of the resource persons / guest / speaker ?

- a) Excellent were 90%
- b) Very Good were 5%
- c) Good were 3%
- d) Poor were 2%

Q3. Please rate your overall knowledge addition about the topics covered after attending the session / activity?

- a) Excellent were 95%
- b) Very Good were 04%
- c) Good were 01%
- d) Poor were 0%




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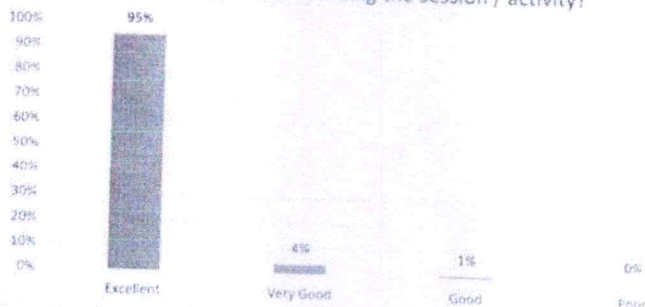
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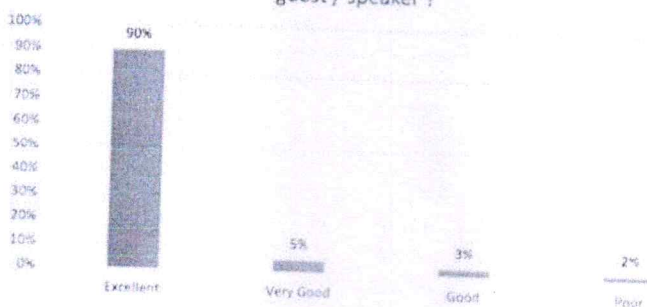
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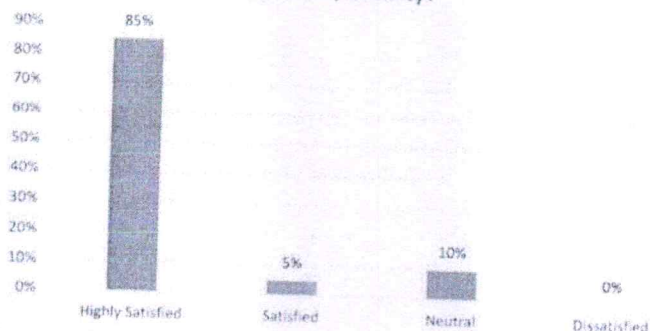
Please rate your overall knowledge addition about the topics covered after attending the session / activity?



How would you rate the quality of the resource persons / guest / speaker ?



How satisfied are you with the quality (Content) of the session / activity?



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Cost Accounting

Course Code: noc20-mg53

By Prof. Varadraj Bapat | IIT Bombay Duration: 4 weeks

Category: Management Studies Credit Points: 1

Level: Undergraduate/ Postgraduate

This course discusses basic concepts of cost accounting and control.

COURSE OBJECTIVES This course is designed to Help the participants to become intelligent users of cost information for (a) Computing cost of product/ process/ project/ activity. (b) Controlling and managing the cost (c) Decision making like pricing, Make or buy, profit planning. (d) Planning and Budgeting

Course layout

Week 1:

- Introduction to Cost Accounting
- Classification of Costs
- Marginal Costing
- Cost Volume Profit Analysis
- Margin of Safety

Week 2:

- Application of Breakeven Point Analysis
- Sensitivity Analysis
- Case of Ayur Pharma
- Different Decision Scenarios and Profit Planning
- Relevant Costs in Decision Making

Week 3:

- Case Study: Break-even point
- Case Study: JSW ISPAT Steel
- Case Study on Projection: Divya Aushadhi Ltd
- Case Study: Shree Cements
- Budgeting and Budgetary Control

Week 4:



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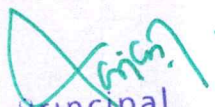
- Functional Budget
- Cash Budget
- Standard Costing And Variance Analysis
- Material Cost Variance
- Overhead Variance

Books and references

- J. H. Rossell, W.W. Frasure and D.H. Taylor, Managerial Accounting, Merrill, Columbus, 2018
- Colin Drury, Management & Cost Accounting, Cengage Learning EMEA, 2017
- M N Arora, A Textbook Of Cost And Management Accounting, Vikas Publishing House, 2017




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Great Experiments in Psychology

Course Code: noc20-hs45

By Prof. Rajlakshmi Guha | IIT Kharagpur

Duration: 4 weeks

Category: Humanities and Social Studies Credit Points: 1

Level: Postgraduate

Psychology as a subject interests many but what is popularly known are the common views that humans hold about their race. Over the century, the subject's endeavor to establish itself as a science through various experiments remains unknown to many. The present course attempts to share the most important experiments in the history of Psychology that has helped shape its identity. It aims to aid students' understanding of how to design experiments with human subjects and assist the student to understand Psychology with a scientific eye.

Course layout

Week 1: History and genesis of Psychology as a Science

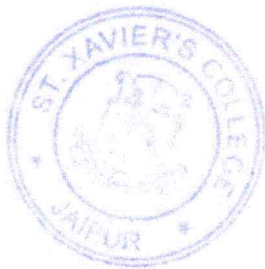
Week 2: Classic studies in Cognitive and Social Psychology

Week 3: Famous studies in Clinical and Health Psychology

Week 4: Experiments in Individual differences and cultural diversity

Books and references

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Economics of Health and Health Care

Course Code: noc20-mg69

By Prof. Angan Sengupta | IIT Kanpur Duration: 8 weeks

Category: Management Studies Credit Points: 2

Level: Postgraduate

When I was doing my doctoral research in the area of Health Economics several people asked me that "What does this Economics in Healthcare mean?" Health economics or Economics of Healthcare is a discipline of economics which is concerned with the association between health status and the related resources assessing the value, behavior, efficiency and effectiveness of various stakeholders in the production and consumption of healthcare. Pertaining to several factors Health Economics has not been studied well in India or in many other developing countries, unlike the developed economies.

Learning Objectives:

1. To provide the students a broad understanding about the fundamental economic concepts in the area of health, health care and health policy.
2. To equip students with economic theories and logics in order to analyze the behavior of different economics agents at the individual, household, community and institutional (government and non-governmental) levels within the healthcare market frameworks.
3. To help them to build rationale and strategies based on the economic valuation of healthcare system and the measurement of efficiency level.
4. To learn about the shortcomings of a lowly developed economy to attain best health status and the health and development nexus.
5. To understand the healthcare financing mechanism and its evolution. Course layout

Week 1 : Introduction, Consumer Behaviour, Demand and Supply **Week 2 :** Elasticity of

demand and supply, Theory of Production **Week 3 :** Theories of Cost and Grossman's

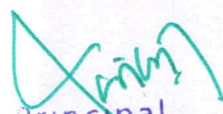
Demand for Healthcare **Week 4 :** Market Imperfections, Healthcare Financing

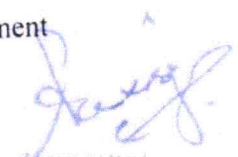
Week 5 : Health Insurance

Week 6 : Impact Evaluation, Social Determinants of Health **Week 7 :** Economic Externalities,

Public and Private Goods **Week 8 :** Population, Health and Development




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Books and references


- Stephen Morris, Nancy Devlin, David Parkin. Economic Analysis in Health Care. John Wiley & Sons
 - Folland, Goodmand, and Stano (FSG). The Economics of Health and Health Care. 5th Edition. Pearson Prentice Hall Press
 - Jay Bhattacharya, Timothy Hyde, Peter Tu. Health Economics. Palgrave MacMillan.
- Additional study materials related to each topic will be shared during the respective sessions.

Journals of Interest for Health Economists

Journal of Health Economics; Health Economics; Health Economics Policy and Law; Journal of Public Health Policy; Health Policy and Planning; The European Journal of Health Economics; International Journal of Health Care Finance and Economics; Applied Health Economics; Health Policy; Social Science & Medicine; Pharmacoeconomics; Health Services Research; Journal of Health, Politics, Policy and Law; Health Affairs.




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Gender and literature

Course Code: noc20-hs59

By Prof. Avishek Parui | IIT Madras

Duration : 8 weeks

Category : Humanities and Social Sciences

Credit Points : 2

Level : Undergraduate/Postgraduate

Course layout

Week 1: Introduction to Gender Studies in Literature and 'The Chess Players' by Munshi Premchand

Week 2: 'The Chess Players' and 'Shooting an Elephant' by George Orwell

Week 3: Heart of Darkness by Joseph Conrad

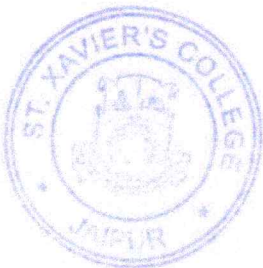
Week 4: 'The Fly' by Katherine Mansfield

Week 5-6: Look Back in Anger by John Osborne

Week 7-8: Gender, Films, and Advertisements

Books and references

1. Gender Trouble, Judith Butler
2. Masculinities, R. W. Connell
3. Literature and Gender, Lizbeth Goodman



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Feminist Writings

Course Code: noc20-hs58

By Prof. Avishek Parui | IIT Madras

Duration: 12 weeks

Category: Humanities and Social Sciences

Credit Points: 3

Level: Undergraduate/ Postgraduate

This course seeks to study some of the key texts in feminist writings that engage with issues such as patriarchy, violence, embodiment, agency and identity. Through a careful study of selected fiction and non-fiction, the course aims to offer a complex understanding of gender and representation, drawing on literary as well as cultural studies.

Course layout

Week 1 : Introduction; Understanding Patriarchy

Week 2 : Understanding Patriarchy; Cyborg Manifesto

Week 3 : Understanding Patriarchy; Cyborg Manifesto

Week 4 : The Fly; Tickets, Please!

Week 5 : Tickets, Please! ; The Goblin Market

Week 6 : The Goblin Market; The Second Sex

Week 7 : The Second Sex; Tulips

Week 8 : Tulips; The Yellow Wallpaper

Week 9 : The Yellow Wallpaper; The Iraqi Nights

Week 10 : The Iraqi Nights; Gender Trouble

Week 11 : Gender Trouble; Remains of the Feast

Week 12 : Remains of the Feast; A Temporary Matter

Books and references

The Second Sex; The Yellow Wallpaper; Understanding Patriarchy; Cyborg Manifesto;
Gender Trouble; The Fly; The Goblin Market; Tickets, Please! ; Tulips; The Iraqi Nights; The
Remains of the Feast; A Temporary Matter



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International Business

Course Code: noc20-mg54

By Prof. J. K. Nayak | IIT Roorkee Duration: 12 weeks

Category: Management Studies Credit Points: 3

Level: Undergraduate/ Postgraduate

The purpose of this course is to acquaint the students with nature, scope, structure and operations of international business and familiarise them with trends and developments in India's foreign trade and investments and policy framework.

Course layout

Week 1: Introduction to International Business and EPRG & LPG framework

Week 2: Theoretical Foundations of International Trade

Week 3: Instruments of Commercial Policy

Week 4: International Business Environment

Week 5: Balance of Payment Account and Theories of exchange rate

Week 6: International Financial Environment

Week 7: Foreign Trade Promotion Measures and Organizations in India

Week 8: International Economic Institutions and Agreements

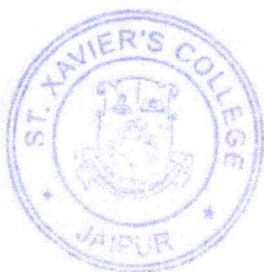
Week 9: Regional Economic Cooperation, European Union (EU), ASEAN, SAARC, NAFTA

Week 10: Foreign Direct Investment and EXIM Policies

Week 11: Multinationals (MNCs) in International Business

Week 12: Contemporary Developments and Issues in International Business Books and references

1. International Business by Charles Hill and Arun Kumar Jain, The Tata McGraw Hill Publishing company Ltd
2. International Business by Daniels and Sullivan, Pearson Publication
3. International Business by P Subba Rao, Himalaya Publishing House
4. International Business by V K Bhalla and S Shiva Ramu, Anmol Publications Private Ltd
5. International Business Environment by Anant Sundaram, PHI Publications



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Introduction to Western Political Thought

Course Code: noc20-hs61

By Prof. Mithilesh Kumar Jha | IIT Guwahati Duration: 12 weeks

Category: Humanities and Social Sciences Credit Points:3

Level: Undergraduate/ Postgraduate

ABOUT THE COURSE :

One of the major objectives of this course is to introduce the students to the key debates and ideas in Western political thought. It is hoped that familiarity with the ideas or concepts of some major western political thinkers will help the students to understand different perspectives and approaches to state, politics, government, sovereignty, citizenship and so on. It is also hoped that this course will enable the student to make sense of and interpret the major developments and key debates in the political debates and discussions in any contemporary society and polity.

Course layout

Week 1: Introduction: General Outline and Method; Text and Context

Week 2: Plato: Justice; Philosopher king; Communism; State

Week 3: Aristotle: Politics, Virtue

Week 4: Aristotle: State; Citizenship & Machiavelli: Virtue

Week 5: Machiavelli: Religion and Republicanism

Week 6: Hobbes: Human Nature; Political Obligation; Sovereignty **Week 7:** Locke: Natural

Rights; Limited government, Dissent **Week 8:** Rousseau: Social Contract; General Will

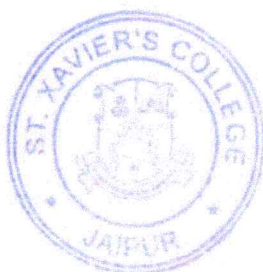
Week 9: Kant: Enlightenment; Morality, autonomy and freedom

Week 10: Hegel: Freedom; Rights; State

Week 11: Marx: Historical Materialism; State; Class

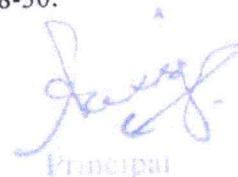
Week 12: Mill: Utilitarianism and on Liberty Books and references

1. T. Ball, (2004) 'History and Interpretation' in C. Kukathas and G. Gaus, (eds.) Handbook of Political Theory, London: Sage Publications Ltd. pp. 18-30.




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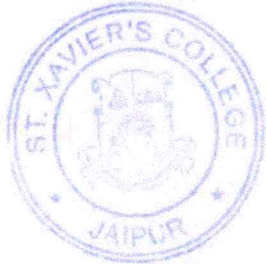


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2. B. Nelson, (2008) Western Political Thought. New York: Pearson Longman
3. Shefali Jha, (2010) Western Political Thought: From Plato to Marx, Delhi: Pearson
4. L. Strauss and J. Cropsey, (eds) History of Political Philosophy, 2nd Edition.
Chicago: Chicago University Press
5. J. Coleman, (2000) A History of Political Thought: From Ancient Greece to Early Christianity, Oxford: Blackwell Publishers
6. A. Skoble and T. Machan, (2007) Political Philosophy: Essential Selections. New Delhi: Pearson Education
7. C. Macpherson (1962) The Political Theory of Possessive Individualism: Hobbes to Locke. Oxford University Press, Ontario
8. D. Boucher and P. Kelly, P. (eds) Political Thinkers: From Socrates to the Present. New York: Oxford University Press
9. I. Kant. (1784) 'What is Enlightenment?.' available at <http://theliterarylink.com/kant.html>.



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Principles of Management

Course Code: noc20-mg58

By Prof. Susmita Mukhopadhyay, Prof. S. Srinivasan | IIT Kharagpur
Duration: 12 weeks

Category: Management studies, Minor in Management Credit Points: 3

Level: Undergraduate/ Postgraduate

The objective of this course is to acquaint students with the terms, concepts, and points of view used in management and its historical evolution, ethics, social responsibility and environmental issues; provide students with a working knowledge of the skills and functions necessary to be an effective, efficient manager; provide an introduction to the theory and practice of managing organizations; examine the management functions (planning, organizing, leading or influencing, and controlling) and the impact of those functions on the business organization

Course layout

Week 1: Management: Definition, nature, purpose and scope of management, Skills and roles of a Manager, functions, principles; Evolution of Management Thought, Scientific Management.

Week 2: Planning: Types of plans, planning process, Characteristics of planning, Traditional objective setting, Strategic Management, premising and forecasting

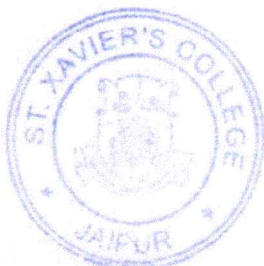
Week 3: Decision-Making: Process, Simon's model of decision making, creative problem solving, group decision making.

Week 4: Management by Objectives: Management by exception; Styles of management: (American, Japanese and Indian), McKinsey's 7-S Approach, Self Management

Week 5: Organizing: Organizational design and structure, Coordination, differentiation and integration.


Week 6: Span of management, centralization and de-centralization Delegation, Authority & power - concept & distinction, Line and staff organizations

Week 7: Staffing: Human Resource Management and Selection, Performance appraisal and Career strategy, Coordination- Concepts, issues and techniques




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Week 8: Organizational Change: Introduction, Resistance to Change, Behavioural Reactions to Change, Approaches Or Models to Managing Organisational Change.

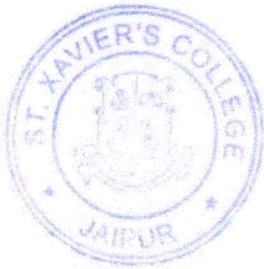
Week 9: Organizational Change: Introduction, Resistance to Change, Behavioural Reactions to Change, Approaches Or Models to Managing Organisational Change.

Week 10: Leading: Human Factors and Motivation, Leadership, Communication, Teams and Team Work


Week 11: Leading: Human Factors and Motivation, Leadership, Communication, Teams and Team Work

Week 12: Controlling: Concept, planning-control relationship, process of control, Types of Control, Control Techniques Characteristics of team
Books and references

1. Principles of management: Stoner
2. Principles of management: Koontz O'donell



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The Joy of Computing with Python

Course Code: noc20-cs83

By Prof. Sudarshan Iyengar, Prof. Yayati Gupta | IIT Ropar Duration: 12 weeks

Category: Computer Science and Engineering Credit Points: 3

Level: Undergraduate/ Postgraduate

A fun filled whirlwind tour of 30 hrs, covering everything you need to know to fall in love with the most sought after skill of the 21st century. The course brings programming to your desk with anecdotes, analogies and illustrious examples. Turning abstractions to insights and engineering to art, the course focuses primarily to inspire the learner's mind to think logically and arrive at a solution programmatically. As part of the course, you will be learning how to practice and culture the art of programming with Python as a language. At the end of the course, we introduce some of the current advances in computing to motivate the enthusiastic learner to pursue further directions.

Course layout

- Motivation for Computing
- Welcome to Programming!!
- Variables and Expressions : Design your own calculator
- Loops and Conditionals : Hopscotch once again
- Lists, Tuples and Conditionals : Lets go on a trip
- Abstraction Everywhere : Apps in your phone
- Counting Candies : Crowd to the rescue
- Birthday Paradox : Find your twin
- Google Translate : Speak in any Language
- Currency Converter : Count your foreign trip expenses
- Monte Hall : 3 doors and a twist
- Sorting : Arrange the books
- Searching : Find in seconds
- Substitution Cipher : What's the secret !!



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- Sentiment Analysis : Analyse your Facebook data
- 20 questions game : I can read your mind
- Permutations : Jumbled Words
- Spot the similarities : Dobble game
- Count the words : Hundreds, Thousands or Millions.
- Rock, Paper and Scissor : Cheating not allowed !!
- Lie detector : No lies, only TRUTH
- Calculation of the Area : Don't measure.
- Six degrees of separation : Meet your favourites
- Image Processing : Fun with images
- Tic tac toe : Let's play
- Snakes and Ladders : Down the memory lane.
- Recursion : Tower of Hanoi
 - Page Rank : How Google Works !! Books and references

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Production and Operation Management

Course Code: noc21-mg13

By Prof. Rajat Agrawal | IIT Roorkee Duration: 12 weeks

Category: Management studies Credit Points: 3

Level: Postgraduate

Production and operations Management will introduce students to the many operations topics and issues faced by leading organizations, both in service and in manufacturing. The goal of this course is to help students gain an understanding of what operations management involves, how it relates to other functional areas in an organization, the types of problems that are faced by operations managers, and common decision-making approaches.

Course layout

Week 1 : L1 - Introduction to Operations Management;

L2 - Operations Strategy in a global economy ;

L3 - Operations Management and Productivity.

L4 - Types and Characteristics of Manufacturing and Service Systems

L5 - Product Design

Week 2 : L1 - Introduction to Forecasting

L2 - Introduction to Time-series forecasts

L3 - Extrapolative methods I

L4 - Extrapolative methods II

L5- Forecasting Error

Week 3 : L1 - Causal Methods of forecasting

L2 - Qualitative Methods of Forecasting

L3 - Introduction to Inventory Management

L4 - Various costs involved in inventory management

L5 - EOQ Models of Inventory Management

Week 4 : L1 - Various variations of EOQ

L2 - Inventory Models with Uncertain Demand -I

L3 - Inventory Models with Uncertain Demand -II

L4 - Miscellaneous Systems and Issues



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L5 - Inventory Control and Supply Chain Management

Week 5 : L1 - Aggregate Sales and Operations Planning

L2 - Aggregate planning Techniques

L3 - Material requirement Planning

L4 - Improvements in the MRP system

L5 - Lot Sizing in MRP Systems

Week 6 : L1 - Nature of Quality

L2 - Evolution of Quality Management

L3 - Modern Quality Management

L4 - Total Quality Management

L5 - Statistical Concepts in Quality Control

Week 7 : L1 - Acceptance Sampling

L2 - 7 QC Tools

L3 - Introduction to Six Sigma

L4 - Quality Function Deployment

L5 - Quality issues in Services

Week 8 : L1 - Facility Capacity

L2 - Facility Location

L3 - Facility Layout I

L4 - Line Balancing

L5 - Cellular Layout

Week 9 : L1 - Service Facility Layout

L2 - JIT Manufacturing

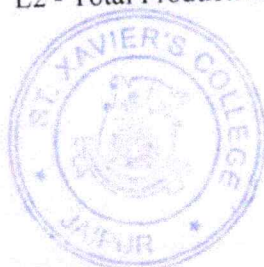
L3 - Lean Manufacturing

L4 - Kanban Production System

L5 - Case Discussions on JIT and Lean Philosophy

Week 10 : L1 - Maintenance Management

L2 - Total Productive Maintenance



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L3 - Introduction to Project Management

L4 - PERT and CPM

L5 - Project Risk Management

Week 11 : L1 - Process Analysis

L2 - Job Design and work Measurement

L3 - Manufacturing Process selection and Design

L4 - Service Process Selection and Design

L5 - Business process Reengineering

Week 12 : L1 - Supply Chain Strategy

L2 - Measuring Supply Chain performance

L3 - Case discussion of Supply Chain Management

L4 - Contemporary Issues in Operations management

L5 - Framework for Operations Strategy Formulation

Books and references

1. Operations Management by William J. Stevenson
2. Modern Production/ Operations Management by E S Buffa and Rakesh K Sarin
3. Operations Management For Competitive Advantage by Richard B Chase, F Robert Jacobs
4. Operations Management by Norman Gaither and Greg Frazier



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Cloud Computing

Course Code: noc21-cs14

By Prof. Soumya Kanti Ghosh | IIT Kharagpur

Duration: 8 weeks

Category: Computer Science and Engineering, Systems, Programming

Credit Points: 2

Level: Undergraduate

Cloud computing is a scalable services consumption and delivery platform that provides on-demand computing service for shared pool of resources, namely servers, storage, networking, software, database, applications etc., over the Internet. It is a model for enabling ubiquitous, on-demand access to a shared pool of configurable computing resources, which can be rapidly provisioned and released with minimal management effort. This course will introduce various aspects of cloud computing, including fundamentals, management issues, security challenges and future research trends. This will help students (both UG and PG levels) and researchers to use and explore the cloud computing platforms.

Course layout

Week 1: Introduction to Cloud Computing

Week 2: Cloud Computing Architecture

Week 3: Service Management in Cloud Computing

Week 4: Data Management in Cloud Computing

Week 5: Resource Management in Cloud

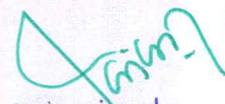
Week 6: Cloud Security

Week 7: Open Source and Commercial Clouds, Cloud Simulator

Week 8: Research trend in Cloud Computing, Fog Computing Books and references

1. Cloud Computing: Principles and Paradigms, Editors: Rajkumar Buyya, James Broberg, Andrzej M. Goscinski, Wiley, 2011
2. Enterprise Cloud Computing - Technology, Architecture, Applications, Gautam Shroff, Cambridge University Press, 2010
3. Cloud Computing Bible, Barrie Sosinsky, Wiley-India, 2010





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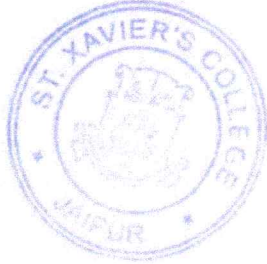


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4. Cloud Security: A Comprehensive Guide to Secure Cloud Computing, Ronald L. Krutz, Russell Dean Vines, Wiley- India, 2010



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