

Brochure of Value-added courses: 2019-20

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BACKGROUND

The increased use of computational methods in the engineering problems in general and Civil Engineering in particular presents challenges like the need for expertise in latest CAD Software. This course is intended to meet these challenges and is expected to provide high quality computational resources both in theory and practice, which will help to solve the Engineering problem.

WORKSHOP OBJECTIVE

This is a value added course designed for providing latest software knowledge in design and their emerging applications in Civil Engineering. Upon successful completion of this workshop, participants will be able to come across the potential of CAD technology for engineering applications.

CONTENTS

Engineering applications of Design software will be covered in the field. The course contents will be covered through power- point presentations, interactive sessions, group discussions etc. Demonstration in laboratory shall be conducted to provide hands-on experience on software.

SPEAKERS

Faculties from IIT, NIT, REC Ambedkar Nagar, RVM CAD and eminent experts form industries will deliver lectures.

VENUE

The course will be held at the JCBUSTYMCA Auditorium. The course will be inaugurated at 10:00 AM on July 22,2019.

ACCOMMODATIONS

Suitable arrangement will be made to accommodate the participants on the payment basis with an advanced request. TA/DA, boarding and lodging will have to be borne by the participants.

REGISTRATION & PAYMENT

Participation

The program is interdisciplinary and is open to students, from university /Institute/Engg..College/ Polytechnic, participants sponsored by engineering colleges/technical institutions authority. There is no fee for JCBUSTYMCA, TEQIP-III institutions and REC Ambedkar Nagar students.

Payment for other institution student /staff can be done either by cash or by demand draft of Rs.2000/- (in favour of Registrar JCBUSTYMCA Faridabad) per head on between 9:00 to 10:00 am on the inauguration day.

IMPORTANT DATES

Last date for submission

of application form : July 1, 2019

Inauguration of STC: July 22, 2019(10.00AM)

Valedictory Session: July 26, 2019 (4.00 PM)

Five Days Workshop

on

CAD: Specialized Softwares (CADSS-2019)



July 22-26, 2019

REGISTRATION FORM

1. Name: _____
2. Designation: _____
3. Date of Birth: _____
4. Category of Participation: _____
(a) Students _____
- (c) Industry _____
5. Organization: _____
6. Address for Communication: _____

7. Email: _____
8. Telephone/Mobile No.: _____
9. Accommodation to be arranged your own.
10. Gender (Male/Female):.....

Date: _____ **Signature of Applicant**
Interested candidates can pre-register by sending the filled application form by e-mail .

PATRON

Prof. Dinesh Kumar
Vice-Chancellor
J.C. Bose University of Science and Technology, YMCA, Faridabad

CHAIRPERSON (CE)

Prof. Komal Kumar Bhatia
J.C. Bose University of Science and Technology, YMCA, Faridabad

TEQIP OFFICIALS

Prof. Vikram Singh - TEQIP Director
Prof. Munish Vashishath - TEQIP Co-ordinator
Dr. Neelam Duhan - Nodal Officer Academics
Dr. Manisha - Nodal Officer Finance
Mr. Lalit Rai - Nodal Officer Procurement

ABOUT THE PROGRAMME

This 8-Days Data Analytics workshop is designed to equip students with tools, training and support network to launch a successful career in Data Analytics. Provide core skills in Data Analytics like Python, Statistics, Machine Learning, Natural Language Processing, Tableau, Advanced Excel and SQL. The topics will be covered in a practical and hands-on manner with real world case studies to enable participants to succeed in Business and Data Strategist roles using data analytics.

PROGRAM OUTCOME

- Participants will get exposure to real world Data Science Problems.
- Build an army of powerful Machine Learning models and know how to combine them to solve any business problem
- Make powerful analysis and Outstanding Dashboard for client.

The Objective of this Short term program is to bridge the gap between demand and supply of new-age Tech skills. Program helps you hit the ground running by making you work on real life projects. Each module has a term project and program culminates with a capstone project in which participant will build an end-to-end industry application.

PROGRAMME SCHEDULE

18th - 25th October 2019 - 10:00am - 05.00pm

COURSE FACULTY

Mr. Mohit Kumar, Data Scientist, MOM (IISC)
- Machine Learning Expert
Ms. Gunjan Thareja, Consultant, MS (MSE)
- Business Consultant Specialist

There is no registration fee for the workshop.
Last date to apply is 14th Oct. 2019.
Apply for the workshop through following link:
<https://forms.gle/YanLeB4JXqyf2HJj6>

WORKSHOP ON DATA ANALYTICS

"Step into the world of Machine Learning & AI"

UNDER TEQIP-III

from

October 18th – 25th, 2019



Organised by:

**Department of Computer Engineering,
JCBUST, YMCA, Faridabad**

at



**J.C. BOSE UNIVERSITY OF SCIENCE AND
TECHNOLOGY, YMCA, FARIDABAD**

NAAC 'A' Grade Accredited State Govt. University
(Established by Haryana State Legislative Act No. 21 of 2009,
Recognized by U.G.C. u/s 2 (f) and 12(B) of U.G.C. Act 1956)

NH- 2, SECTOR-6, MATHURA ROAD, FARIDABAD
HARYANA-121006, www.ymcaust.ac.in

ABOUT JCBUST



J.C. Bose University of Science and Technology, YMCA, Faridabad, erstwhile, 'YMCA University of Science & Technology, Faridabad' was established in the year 1969, as a joint venture of the National Council of YMCAs of India, Govt. of Haryana and the Central Agencies for Development Aid, Bonn, Germany. It started as an Indo-German project with an aim to impart technical education to a developing India on German pattern. The Institute has been granted University status since 1st Dec., 2009 (established by Haryana State Legislative Act No. 21 of 2009 & recognized by UGC Act 1956 u/s 22 to confer degrees). It has also been granted 12B status by UGC. University offers 4-year B.Tech. degree course in 7 disciplines i.e. Mechanical, Computer, Information Technology, Electronics & Communication, Electrical, Electronics, Instrumentation & Control and Civil Engineering. The University also offers post graduate courses in various disciplines viz. M.Tech, MBA, MCA, MSc, MA and PhD in all streams. University has recently started some new courses including BSc, BBA and BCA. YMCAUST has been conferred "Best Upcoming University" awarded by Associated Chamber of Commerce and Industry (ASSOCHEM) of India in Feb, 2014 under National Education Excellence award 2014. The University has been accredited by National Assessment and Accreditation Council (NAAC) with 'A' Grade in 2016. According to NIRF-2017 ranking, YMCA University has made its place in the Rank-band between 101 and 150. The University also holds place in Top 10 ranking institutes on NPTEL since last 2 years.

ABOUT THE ORGANISING DEPARTMENT

Department of Computer Engineering has always been a nursery of computer engineers catering to the needs of the industry of the nation in general and NCR region in particular. In 2002, consciously, the department started a PG program in computer engineering with a vision to produce conceptually correct teachers. The world since recent times had been amazingly fast and fiercely competitive in all spheres of human activity. The said situation called for massive expansion of career focused education, particularly in emerging areas of information technology. The hallmark of the department is research. It has 16 PhD and the remaining are putting their best efforts in exploring new areas. There is strong group of aspirants who interestingly work in the field of internet technologies. Another group is effectively engaged in software engineering and Adhoc Networks. The department especially the faculty members take pains to shape the character of our students with consistent effort towards sincerity, punctuality, honesty and hard work. This ultimately play a pivotal role in their prosperous future and in becoming valuable citizens of the country.

ABOUT TEQIP-III

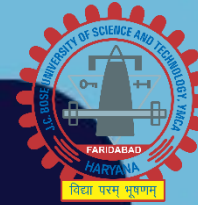
TEQIP-III Technical Education Quality Improvement Programme (TEQIP) of Govt. of India is being implemented as a world bank project to improve the quality of technical education system in the country. The third phase of this project, TEQIP-III is a 4 year Central Sector Scheme of MHRD for the duration 2017-2021. The objectives of this project are to improve efficiency and effectiveness of the technical education management system in the states and institutions selected under the programme and support development plans. The University has received TEQIP grant under sub-component 1.3 with a Project fund of Rupees 7 Crore

COORDINATORS

Dr. Neelam Duhan
Dr. Jyoti

ORGANIZING COMMITTEE

Dr. Mamta Kathuria
Dr. Deepika
Dr. Ashlesha
Mr. Sushil Panwar
Mr. Piyush Gupta



TRAILHEAD

salesforce

WHAT IS SALESFORCE ADMINISTRATOR?

You put the "I" in impact. You bring innovation to life, bridging the gap between business requirements and technology. For your company, this means automating complex business processes, creating reports and dashboards, and training users on Salesforce. For your team, it means helping them stay efficient and on top of things while keeping an eye on their successes and customer relationships.

What is Salesforce?

Salesforce is a customer relationship management solution that gives every business team—from sales and marketing to commerce, service, and beyond—a single, shared view of every customer.

ORGANIZED BY

Department of Computer Engineering
and
Industrial Relations Cell
J.C. Bose University of Science and
Technology, YMCA Faridabad

CONTACT US

Dr. Rashmi Popli, Dr. Ashlesha Gupta
Assistant Professor(s)
J.C. Bose University of Science and
Technology, YMCA Faridabad
e-mail: rashmimukhija@gmail.com,
gupta_ashlesha@yahoo.co.in

TRAILHEAD WORKSHOP ON

SALESFORCE ADMINISTRATOR

from

November 11, 2019 – November 16, 2019

10 am – 5 pm

AT

J.C. Bose University of Science and
Technology, YMCA, Faridabad

(A Haryana State Government University)

Accredited 'A' Grade by NAAC

ABOUT UNIVERSITY

J.C. Bose University of Science and Technology, YMCA, Faridabad (erstwhile YMCA University of Science and Technology, Faridabad erstwhile YMCA Institute of Engineering, Faridabad) was established in the year 1969, as a joint venture of the National Council of YMCAs of India, Govt of Haryana, and the Central Agencies for Development Aid, Bonn, Germany. It started as an Indo-German project with an aim to impart technical education to a developing India on German pattern. The labs & workshops have been setup with the assistance of German expertise. In 1996, State Govt. of Haryana took complete control of the Institute and upgraded it to University status in Dec. 2009. The University is situated on National Highway-2, Mathura Road, 30 km from National Capital, Delhi. The University campus is located in the sprawling Faridabad-Ballabgarh Industrial complex.

ABOUT TEQIP

TEQIP-III of Govt. of India is being implemented as a world bank project to improve quality of technical education. The third phase of this project is a 4 year central scheme by MHRD for the duration 2017-2021. The University has received TEQIP grant under sub-component 1.3 with a project fund of 7 crore rupees.

TEQIP OFFICIALS

- Prof. Vikram Singh
- Prof. Munish Vashishath
- Dr. Neelam Duhan
- Dr. Manisha
- Mr. Lalit Rai

● PATRON

Prof. Dinesh Kumar
Vice Chancellor
J.C. Bose University of Science and Technology, YMCA, Faridabad

● CHAIRPERSONS

- Prof. Komal Kumar Bhatia (CE)
- Prof. Atul Mishra (CA)

● COORDINATORS

- Dr. Rashmi Popli
- Dr. Ashlesha Gupta

● ORGANIZING COMMITTEE

- Dr. Sanjeev Goyal
- Dr. Deepika
- Dr. Manvi
- Ms. Jyotsana
- Mr. Piyush Gupta

ABOUT THE ORGANIZING DEPARTMENT

It has always been a nursery of computer engineers catering to the needs of the industry of the nation in general and NCR region in particular. In 2002, consciously, the department started a PG program in computer engineering with a vision to produce conceptually correct teachers. No wonders that most faculties of surrounding engineering colleges is an alumni of YMCAUST. The hallmark of the department is research. It has 16 PhD and the remaining are putting their best efforts in exploring new areas. The department especially the faculty members take pains to shape the character of our students with consistent effort. This ultimately play a pivotal role in their prosperous future and in becoming valuable citizens of the country

ABOUT INDUSTRIAL RELATIONS CELL

A strong Academia-Industry Interaction is the major focus of the department as well as the University. The University aspires to be a nationally and internationally acclaimed leader in technical and higher education in all spheres which transforms the life of students through integration of teaching, research and character building. Seeking the support of industry in doing so, the University has created an Industrial Relations cell which work towards opening the various avenues where we can collaborate with the industry.

REGISTRATION

There is no Registration fees for the workshop. Interested faculty members and students can apply on or before November 7, 2019. [Click here](#) for Registration.



**J.C. Bose University of Science & Technology,
YMCA, Faridabad**

**NH2, Sector-6, Mathura Road, Faridabad-121006, Haryana, India
(Accredited 'A' Grade by NAAC)**

Department of Electrical Engineering conducting

Value Added Course

on

“LabVIEW”

Session (July-Dec 2019)



NATIONAL INSTRUMENTS

LabVIEW™

Chairperson

Dr. Poonam Singhal
Chairperson (EL)
JC Bose UST, YMCA

Coordinator and Resource Person

Dr. Sakshi Kalra
Assistant Professor
Electrical Engg

Registration Link: <https://forms.gle/joqUtyTamEaiizVBA>

**Certificates will be provided on successful completion
of the course**



**J.C. Bose University of Science & Technology,
YMCA, Faridabad**

**NH2, Sector-6, Mathura Road, Faridabad-121006, Haryana, India
(Accredited 'A' Grade by NAAC)**

DEPARTMENT OF ELECTRICAL ENGINEERING CONDUCTING

**Value Added
Course
on
“AutoCAD”
Session (July-Dec 2019)**



Chairperson

Coordinator

Resource Person

Dr. Poonam Singhal
Chairperson (EL)
JC Bose UST, YMCA

Mr. Nitin Goel
Assistant Professor
Electrical Engg

Dr. Bhasker Nagar
Assistant Professor
Mechanical Engg.

Registration Link: <https://forms.gle/vQX3ACdc2VyQavFu5>

**Certificates will be provided on successful completion
of the course**

VALUE ADDED COURSE

Course Objective

- Learn building construction practices.
- Drawing and reading of building map.
- Structural Design of buildings.

Contents

Module : Engineering Drafting

Building materials
Concrete mixture, doors and windows
Sketching building map
Reading Structural drawing
Structural drawing calculations
Issues in building construction
Sight construction monitoring
Testing materials
Construction Approvals

Duration

12 weeks course, 4 hours per week for 12 weeks
Total 48 contact hours.

Faculty

SDE JCBUSTYMCA

Coordinator: Dr. M.L.Aggawal,

Prof.(Mechanical Engineering)

Email: mlaggarwal@ymcaust.ac.in

Mobile: 9810971654

Construction Practice (Sept.-Nov.2019)

CIVIL ENGINEERING DEPARTMENT

Skill Set Gain / Employability Opportunity

Will be able to design and building construction, giving opportunity to become an illustrator. Helpful to building Contractor /Consultant/ Developers / Engineers , who is engaged with the building project from preparation to execution.



J. C. Bose University of Science and Technology, YMCA, Faridabad
(formerly YMCA University of Science and Technology)

A State Govt. University established wide State Legislative Act. No. 21 of 2009

SECTOR-6, FARIDABAD, HARYANA-121006

Website: www.ymcaust.ac.in

Course Objective

- Learn engineering drafting.
- Drawing and reading of building map.
- Create computer aided design and drawing.

Engineering Drafting and Building Map

Contents

Module 1: Engineering Drafting

Sketching

Orthographic views of an object

Scales

Sectional views

Assembly drawing

Computer aided drafting

Computer aided design

Exercises.

Module 2: Building Map

Symbols for building materials

Symbols for doors and windows

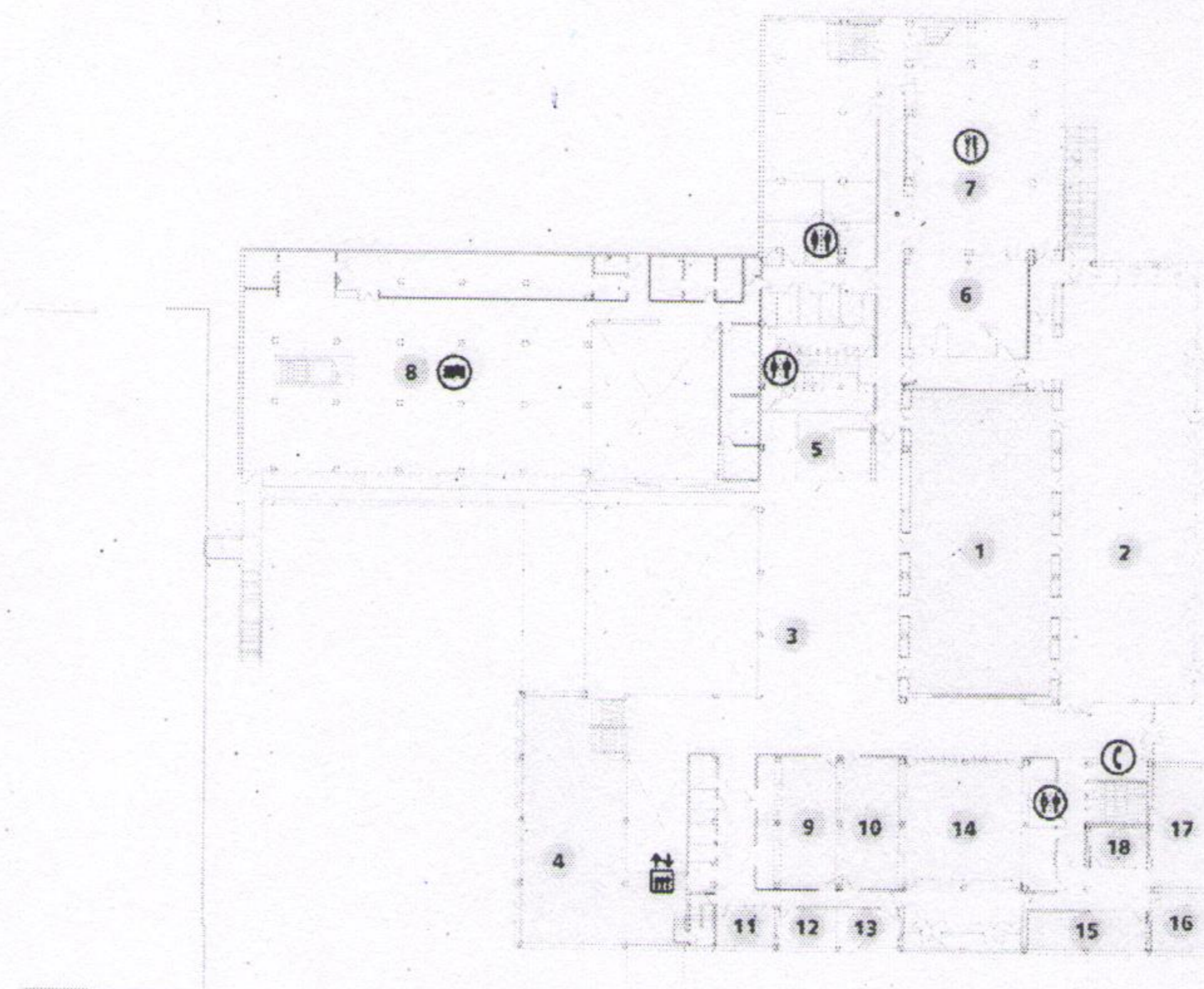
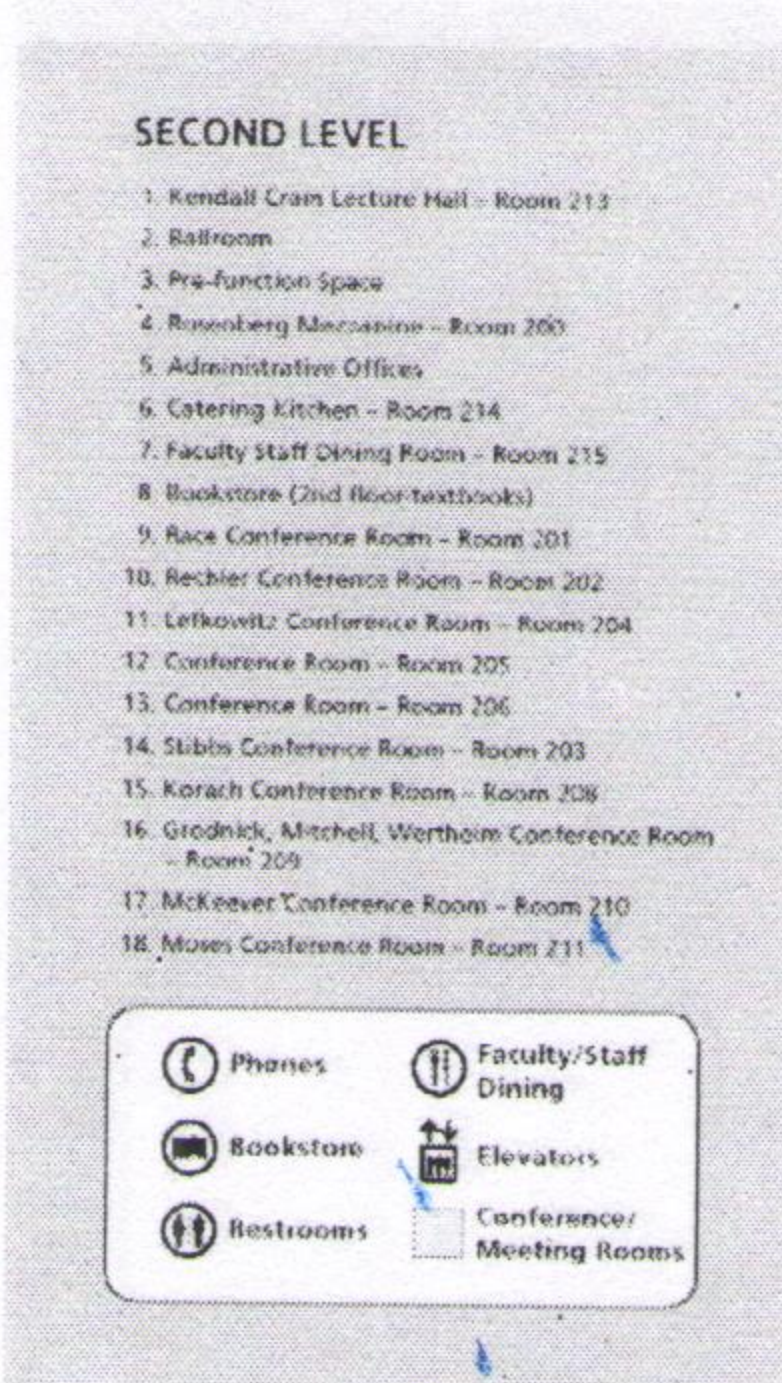
Sketching building map

Reading building map

Drawing building map

Building map using CAD

Exercises.



Duration

06 weeks course, 6 lectures per week for 06 weeks
Total 36 contact hours.

Faculty

Dr. M.L.Aggawal, Prof.(Mechanical Engineering)

Chairperson Civil Engineering

Email: mlaggarwal@ymcaust.ac.in

Mobile: 9810971654

Skill Set Gain / Employability Opportunity

Will be able to design and drawing map and building plan, giving opportunity to become an illustrator. Helpful to building Contractor /Consultant/ Developers / Engineers , who is engaged with the builing project from preparation to execution.



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PATRON

Prof. Dinesh Kumar
Vice Chancellor
J.C. Bose University of Science and
Technology, YMCA, Faridabad

CO-PATRON

Dr. Sunil Kumar Garg
Registrar
J.C. Bose University of Science and
Technology, YMCA, Faridabad

TEQIP OFFICIALS

TEQIP Director :
Dr. Vikram Singh

TEQIP Coordinator :
Dr. Munish Vashishath

CHAIRPERSON

Department of Computer Engineering :
Dr. Komal Kumar Bhatia

Department of Electronics Engineering :
Dr. Neelam Turk

WORKSHOP CO-ORDINATORS

Department of Electronics Engineering :
Ms. Rashmi Chawla
Dr. Sheilza Jain

Department of Computer Engineering :
Dr. Parul Tomar

TEQIP-III SPONSORED

One week workshop on “Hands - on Training on IoT Modules”

(24th - 29th Feb 2020)

Organised by:
**Department of Electronics Engineering
&
Department of Computer Engineering
JCBUST, YMCA, Faridabad**

in collaboration with
CSIR-CEERI PILANI
at



**J.C. BOSE UNIVERSITY OF SCIENCE AND
TECHNOLOGY, YMCA, FARIDABAD**

REGISTRATION FORM

Faculty/Students

Name: _____

Qualification/Roll No.: _____

Department/Course: _____

Branch: _____

Address: _____

Mobile No.: _____

E-mail: _____

Signature of the Applicant

Signature of Chairperson (with Stamp)

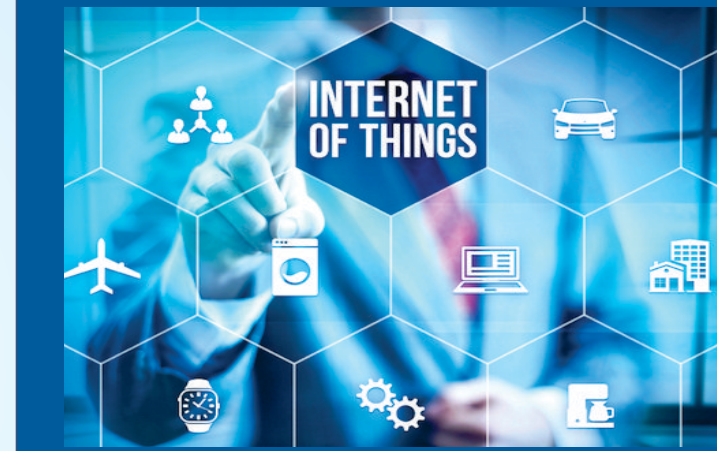
Students can also register online on the following Google link
<https://forms.gle/5RntUiaQgpx6zNum8>

TEQIP-III SPONSORED One week workshop on “Hands - on Training on IoT Modules”

(Value added Course)

from

24th - 29th Feb 2020



Organised by:

**Department of Electronics Engineering
&
Department of Computer Engineering
JCBUST, YMCA, Faridabad**

in collaboration with
CSIR-CEERI PILANI

at



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NH- 2, SECTOR-6, MATHURA ROAD, FARIDABAD
HARYANA-121006

ABOUT THE UNIVERSITY



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ABOUT THE WORKSHOP

Internet of Things is the inter-networking of physical devices, vehicles, buildings, and other items, embedded with electronics, software, sensors, actuators, and network connectivity that enable these objects to collect and exchange data.

The objective of this workshop is to provide a fundamental knowledge, practical foundation on Internet of Things and to identify applications opportunities in IoT technology and services. This workshop will provide the participants knowledge and experience on the fast growing field of IoT.

The workshop is organised in collaboration with the technical partners from CSIR-CEERI PILANI, and JCBUST, YMCA, Faridabad. Experts from CSIR-CEERI PILANI are : Dr. Kota Solomon Raju, Senior Principal Scientist, Mr. Gaurav Purohit, and Mr. Pramod. Expert team from university includes: Dr. Parul Tomar, Dr. Sapna Gambhir, Dr. Sheilza Jain and Ms. Rashmi Chawla. Students will also have industry exposure by one day industry visit at Encoders India, Faridabad.

DEPARTMENT OF ELECTRONICS ENGINEERING

The Department of Electronics Engineering is committed to impart technical education in the most efficient manner to its students. It was established in the year 2012 (earlier combined with the Electrical Engineering Department and known as EEE Department running since the inception of YMCAIE). The department has equipped itself with workshops/labs and syllabus for achieving engineering education excellence, from the support of excellent faculty of the Department, JCBUST, YMCA, Faridabad has established itself as a well-known entity in the field of Electronics education. The syllabus of the Department composed of the fundamental concepts blended with the ultra-

modern topic to impart quality technical education, the lab/workshops consists of the basic instrument to software/simulators for providing the student a feel of the industrial work environment.

This department offers B.Tech in Electronics & Communication Engineering, Electronics Instrumentation & Control Engineering and Electronics & Computer Engineering. This department also offers M.Tech in Electronics & Communication Engineering, VLSI and Electronics & Instrumentation and Ph.D in various fields of Electronics Engineering.

DEPARTMENT OF COMPUTER ENGINEERING

Department of Computer Engineering has always been a nursery of computer engineers catering to the needs of the industry of the nation in general and NCR region in particular. In 2002, consciously, the department started a PG program in computer engineering with a vision to produce conceptually correct teachers. The world since recent times had been amazingly fast and fiercely competitive in all spheres of human activity. The said situation called for massive expansion of career focused education, particularly in emerging areas of information technology. The hallmark of the department is research. It has 16 PhD and the remaining are putting their best efforts in exploring new areas. There is strong group of aspirants who interestingly work in the field of internet technologies. Another group is effectively engaged in software engineering and Adhoc Networks. The department especially the faculty members take pains to shape the character of our students with consistent effort towards sincerity, punctuality, honesty and hard work. This ultimately play a pivotal role in their prosperous future and in becoming valuable citizens of the country.

Value Added Course
on
TECHNOLOGICAL INDUSTRIAL PRACTICES

Sponsored by:



Organized by:

Department of Civil Engineering
J.C. Bose University of Science & Technology, YMCA Faridabad

JUNE 1-6,2020



About, JCBUST YMCA

JCBUSTYMCA has been in existence for the past 50 years and consistently contributing towards engineering professionals and entrepreneurs. The competence of the University has been recognized by agencies like UGC (grant of 12B status), accreditation (NAAC Grade 'A'), NIRF (best ranking among Universities in Haryana), etc. The Department of Civil Engineering at JCBUSTYMCA started in 2018 with an intake of 60 students. The Department is committed to provide the quality education in the area and transform students into graduates with high professional values. The department has also started Ph.D.

About, Value Added Course

Need of **TECHNOLOGICAL INDUSTRIAL PRACTICES** by industrial personnel for students is a great experience is for participants who wish to learn the different industrial technologies in the allied fields. This value added course would enable participants to learn different construction technologies, energy management, water management, energy efficient building. Faculty/Industry members associated with delivery of the course have rich experience in related research aspects.

Different speakers will hold online sessions via Google Meet platform. The program is specifically for engineering students from university /Institute/Engg. College/ Polytechnic, participants should be from colleges/technical institutions authority.

Speakers

**Sh. P.K.Chauhan, SE
DHBVN Faridabad**

**Sh. Deepak
Verma, Director
Fbd**

**Sh. Ankur Mittal, NCB
Faridabad**

**Sh. Virender
Dhiman, HPC**

**R K Jha
J K Cement Ltd**

**Sh. Akash Singh, J K
Cements Ltd**

**Sh. Shekhar
Gupta, Adoring Ltd**

**Sh. Sonu
Yadav, Manager, Falcon
Auto-tech, Noida**

Student Coordinators

1. Neeraj 2. Satyam

Participation

Note: There is no registration fee. E-certificates will be given to all participants based on their evaluation. Sessions will be held online via Google Meet platforms. Details of each session will be shared in a separate group.

Timings: 9.50pm – 5.50 pm.

COORDINATOR

CHAIRPERSON

Add on Course

Dept of Management Studies, JC Bose University of Science and Technology YMCA

Marketing Research Techniques

Course Outcomes

After the successful completion of course , students would be able to:

- 1 Identify and determine new market segments
- 2 Apply tools of brand positioning for market development
- 3 Make decisions regarding Pricing
- 4 Make valid demand forecasts for marketers

Employability Enhancement

The course is expected to substantial enhance their employability in career track of marketing research . Marketing research professionals are in great demand in marketing research and consulting companies. The students can also start their own consultancy startups providing specialized marketing research services to industry clients

Target Participants : All Management Students

Delivery hours: 30 Hrs

Theory Hours 15

Practical Hours 15

Start Date 12-02-2020

End Date 24-04-2020

Contents

Marketing research process

Research design

Questionnaire construction,

Data collection, cleaning and validation

Cluster Analysis for market segmentation

Multidimensional scaling for brand positioning assessment

Pricing Analytics

Multiple regression for demand forecasting

Evaluation

1 Written examination -60 Marks

The examination consist of 15 short answer type question carrying 4 marks each

2 Market research project - 40 Marks

The students will be required to submit a written project report as per guidelines which will carry 20 marks .The rest 20 marks will be based on presentation and viva-voce examination.

Only those students who meet minimum attendance requirement of 75% will be eligible to appear in examination.

Suggested Readings

1 Rajendra Naggundkar, Marketing Research Text And Cases, Mcgraw Hill

2 Naresh Malhotra And Satyabhushan Dash, Marketing Research: An Applied Orientation, Pearson Education

3 Donald R. Cooper, Pamela S. Schindler, J.K. Sharma, Business Research Methods, McGraw Hill

Faculty

Prof Ashutosh Nigam, Dept of Management Studies JC Bose University of Science and Technology YMCA

Prof Suresh Kumar Bedi, Dept of Management Studies JC Bose University of Science and Technology YMCA

About the University

J.C. Bose University of Science and Technology, YMCA, Faridabad (erstwhile YMCA University of Science and Technology, Faridabad) was established in the year 1969, as an Indo-German project with an aim to impart technical education to a developing India on German pattern.

The labs & workshops have been setup with the assistance of German expertise. In 1996, State Govt. of Haryana took complete control of the Institute and upgraded it to University status in Dec. 2009. The university offers 4-year B.Tech degree course in various disciplines like Civil Engineering, Computer Science, Information Technology, Electronics & Communication Engineering, Electrical Engineering, Mechanical Engineering; M.B.A., M.C.A, M.Tech. (Computer Engineering, Electrical Engineering, Electronics Engineering & Mechanical Engineering); M.Sc. (Physics, Maths, Chemistry & Environmental Sciences); MA.(Mass Communication and Journalism) and Ph.D.

The University is situated on National Highway-2, Mathura Road, 30 km from National Capital, Delhi. The University campus is located in the sprawling Faridabad-Balabgarh Industrial complex.



Convenor:
Dr. Anuradha Sharma

Coordinator:
Dr. Parmod Kumar
Dr. Kaushal Kumar

4 Days Workshop

on

**Thin Film Deposition Techniques
(TFDT-2020)**

17-20 February, 2020

TAS



Department of Physics
J.C. Bose University of Science and Technology,
YMCA, Faridabad-121006
In collaboration with
Technology Application Services, New Delhi

Course Objective

3D printing is an additive manufacturing process of making three dimensional solid objects from a digital file. The creation of a 3D printed object is achieved using additive processes. In an additive process an object is created by laying down successive layers of material until the object is created. Design and manufacturing organizations use 3D Printed parts for products in the consumer, industrial, medical, and military markets, to name just a few. Digital cameras, mobile phones, engine parts, parts and assemblies for airplanes and medical implants are examples of a very long list of products which are benefited by the 3D Printing technology.

Value Added Course

3D

PRINTING
& DESIGN

Course Coverage

3D Printing (Additive Manufacturing)
CAD for Additive Manufacturing
Additive Manufacturing Techniques
Materials
Additive Manufacturing Equipment
Post Processing: Requirement and Techniques, Product Quality

Note

- Duration 30-35 hours.
- Certificate on completion and passing exam
- No fee, No credits
- Open for all students of the University

Course Coordinators

Dr. Sanjeev Kumar
Assoc. Professor (Mechanical Engineering)
Email: skumar.ymca@gmail.com
Mobile: 9818187936

Dr. Rajeev Saha
Asst. Prof. (Mechanical Engineering)
Email: rajeevsaha@ymcaust.ac.in
Mobile: 9911921584

Skill Set Gain / Employability Opportunity

1. To update the participants with the state of the art technologies in 3D Printing.
2. To enable the participants to have experiential learning in 3D modeling, build-setup preparation and 3D printing through hands-on sessions.
3. To enable participants to learn the industrial, real life and pedagogical applications of 3D printing.
4. To facilitate the participants to develop low-cost 3D printers to teach engineering concepts.
5. To empower the participants to offer a course on 3D printing technology at their respective institutions.



J. C. Bose University of Science and Technology, YMCA, Faridabad
(formerly YMCA University of Science and Technology)

A State Govt. University established wide State Legislative Act. No. 21 of 2009

SECTOR-6, FARIDABAD, HARYANA-121006

Website: www.ymcaust.ac.in



VALUE ADDED COURSE ON CONCEPTS for INDUSTRY READINESS

There are various studies and reports from India that the graduates from the engineering institutions are not Job-ready. This is true across all streams.

OVERVIEW

The Industry Readiness Program (IRP) is a value added course specifically designed to bridge the skill gap and make the graduates ready for the industry.

COURSEWORK

- TQM
- Elemental Statistical Learning
- Some Japanese Quality Techniques
- Basic concepts of Quality
- Basics of Machine Learning / AI
- Basics of Data Science

CERTIFICATION

J.C BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY, YMCA FARIDABAD



For online Application
click on this QR CODE /

[LINK](#)



FAQS

Am I a good fit for the IRP program?

We shall meet with you to discuss your interests and skill levels to determine whether or not the training is a good fit for you.

What is the cost?

The VALUE ADDED COURSE is free of cost.

How long is the training?

The training would be of 30 –35 hrs. Schedule will be flexible in discussion with the participants.

What is the batch size?

The batch size would be 20 – 25.

Convenors:

Prof.(Dr.) Sandeep Grover

Dr. Sanjeev Goyal

Value Added Course on “QUALITY TOOLS & TECHNIQUES”



Course Objective

- Understand the concepts of Quality
- Diagnose problems in the quality improvement process
- Apply various quality improvement tools and techniques

Course Coverage

Introduction to basic Quality Concepts
Quality Tools & Techniques – Need & classification, Basic tools
Quality Function Deployment (QFD)
Control Charts, Quality Circles, 5S, Pairwise Comparison
Cause & effect diagram, Pareto analysis, Force field analysis
Waste Management, Supply Chain Management
Six Sigma, ERP and other tools/ techniques
Service quality models: SERVQUAL and SERVPERF
ISO 9000, Industry 4.0 – Introduction & Concepts

Note

- Duration 30-35 hours. Flexible time table
- Certificate on completion
- No fee, No credits, No exam
- Open for all students of the University

Course Coordinators

Dr. Sandeep Grover
Professor (Mechanical Engineering)
Email: groversandeep@hotmail.com
Mobile: 9871072555

Dr. Rajeev Saha
Asst. Prof. (Mechanical Engineering)
Email: rajeevsaha@ymcaust.ac.in
Mobile: 9911921584

Skill Set Gain / Employability Opportunity

Participant will be able to diagnose quality related problems thereby improving the underlying process as well as product using various available tools and techniques. Quality is an ongoing process and will always remain in demand across the industries.



Department of Mechanical Engineering
J. C. Bose University of Science and Technology, YMCA, Faridabad

A State Govt. University established wide State Legislative Act. No. 21 of 2009

SECTOR-6, FARIDABAD, HARYANA-121006

Website: www.jcboseust.ac.in

J.C Bose University of Science and Technology,

YMCA Faridabad

(A Haryana State Government University)



Accredited 'A' Grade By NAAC

Community College of Skill Development

#Value Added Course on

Training Programme on

Cutting Tools & Instruments

2 September 2019 - 7 September 2019

J.C Bose University of Science and Technology,

YMCA Faridabad

(A Haryana State Government University)



Accredited 'A' Grade By NAAC

Community College of Skill Development

#Value Added Course on
Training Programme on
Cutting Tools & Instruments

2 September 2019 - 7 September 2019

J.C Bose University of Science and Technology,

```
require 'File.expand_path'
abort("The Rails environment is missing in your application")
require 'spec_helper'
require 'rspec/rails'
```

YMCA Faridabad

(A Haryana State Government University)



Accredited 'A' Grade By NAAC

Community College of Skill Development

#Value Added Course on

Workshop on Auto CAD

9 December 2019 - 15 December 2019

Value Added course
on
Strategic Management for
Contemporary World



Coordinators: Ms. Jyotsana Chawla & Dr. Anushree Chauhan

The Department of Management Studies is starting an add-on course on “Strategic Management for Contemporary World “ from 14th February to 28th February 2020. The duration of the course will be 32 hours. The contents of the course will be delivered by resource persons from within the university and through experienced persons from outside the university.

Course content of Value added course “Strategic Management for Contemporary World ”:

Introduction to Strategic Management, Strategic Management Process, Values, Competitive Advantages & Performance, Determinants of Shareholders Value, Return on Invested Capital, Levels of Strategic Management, Strategic Formulation, Strategy Making Process, Strategic Planning and Decision Making, Strategic Leadership, Industry Environment: External Analysis & Internal Analysis, Industry Life Cycle Analysis

Resources Persons

Internal Expert

Dr. Ashutosh Nigam, Professor and Chairman,
Department of Management Studies, JCBUST, YMCA,
Faridabad

External Expert

- Sh. Anil Kumar Sravat, Chief Executive Officer, Wabag Ltd. As CEO of the company, he is responsible for the overall business planning, strategy, P&L and expansion in Thailand and CLMV countries. Wabag Ltd. a subsidiary of VA Tech Wabag Ltd. (a leading MNC in water sector) started operation in Thailand and CLMV (Cambodia, Laos, Myanmar, Vietnam) as part of business expansion in SEA. He has more than 33 years of experience in the Energy sector and Water sector (both in government enterprises and multinational companies) in various countries across different continents. His major areas of expertise include business development, strategy, sales, marketing, project management, business excellence and general management.