

Brochure of Value-added courses: 2017-18

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About the Course

Department of Computer Engineering and Department of Information Technology & Computer Applications are conducting a Refresher Course on 'Emerging Trends in Computer Science' under TEQIP-III.

The major objective of this Refresher Course is to impart in depth and up-to-date knowledge of the emerging trends in the field of Computer Science & Information Technology.

The participants would be inspired to inculcate the habit and ambition of acquiring thorough account of the concerned topic through hands on practices. In addition to traditional sources, they will be advised to use information technology particularly internet and develop e-content to the maximum benefit of students. They would also be put to brain-storming, case studies, discussion, and interactions through seminar.

The broad topics of coverage are:

- Soft Computing
- Internet of Things
- Wireless Sensor Networks
- Information Retrieval
- Cloud Computing
- Machine Learning
- Big Data Analytics
- R Programming

REGISTRATION FORM



TEQIP III Sponsored Refresher Course on 'EMERGING TRENDS IN COMPUTER SCIENCE' (Jan 8th – 13th, 2018)

Name: _____

Designation: _____

Department: _____

Institution: _____

Years of Experience: _____

Area of Interest: _____

Address: _____

Mobile No.: _____

Email: _____

Date: _____

(Late date to apply: Dec. 28th, 2017)

Applicant's Signature

The applicant is hereby sponsored and permitted to attend the said Refresher Course.

Signature & Stamp of the Recommending Authority

TEQIP III SPONSORED ONE WEEK

Refresher Course on Emerging Trends in Computer Science (Jan 8th – 13th, 2018)



Organized by
Department of Computer Engineering
&
Department of Information Technology & Computer
Applications

YMCA University of Science & Technology
Sector-6, Mathura Road, Faridabad-121006
NAAC 'A' Grade Accredited



The University

YMCA University of Science and Technology, Faridabad has been accredited by National Assessment and Accreditation Council (NAAC) with 'A' Grade and a CGPA of 3.08 in the First Cycle of Accreditation.

YMCAUST was established in 1969 as an Indo-German project, a joint venture of the National Council of YMCA India, the Government of Haryana and the Central Agencies for Development Aid, Bonn, Germany. In December 2009 it was awarded the status of state university by the State Government. Right from the very beginning at institutional level, it has emphasized greatly on practical work related to industry. As a result our students are well accepted by the industries. Many of them are entrepreneurs with names of repute at national and international level establishes the same.

The university has also added new chapters in its glorious history i.e. MBA, MCA, M.Tech (Computer Engineering, Electrical Engineering, Electronics Engineering & Mechanical Engineering), M.Sc (Physics, Maths, Chemistry & Environmental Sciences), M.A. (Mass Communication and Journalism), B.Sc (Physics) and Ph.D.

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.

About the Departments

Department of Computer Engineering and Department of Information Technology & Computer Applications aim to make a place at both National and International level by producing high quality ethically rich computer engineers and IT professionals conversant with the state-of-the-art technology with the ability to adapt the upcoming challenges in information technologies and their applications to cater to the ever changing industrial & societal needs. The Departments are currently offering UG, PG and Doctoral programmes.

The hallmark of the Computer Engineering department is its research. It has a skilled set of faculty with 16 PhDs. The IT & CA department has a team of passionate academic staff with a wide range of research interests. The department has 06 PhDs.

Target Participants

Faculty members/ Research Scholars from TEQIP funded or Non-TEQIP funded academic institutions (Approved by AICTE/UGC/MHRD) may attend this Refresher Course. Participants will be provided with refreshments/Lunch during the sessions. However, no accommodation and TA/DA will be provided.

Registration Form

(As per prescribed format)

Application should be made on the registration form in the prescribed format only. Brochure with registration form can also be downloaded from the university website: www.ymcaust.ac.in. Candidates are required to send the scanned copy of prescribed registration form at fdp.ceit.ymca@gmail.com on or before 28th Dec, 2017. (Original Registration Form duly completed has to be submitted on registration desk at the time of reporting)

Duration 8th Jan – 13th Jan 2018 (*One Week*)

Venue Department of Computer Engineering, Faridabad

Fee There is no registration fee for participating in this course. * *seats are limited to 40 pax.*

Important Dates

Last date of Registration: 28th Dec 2017

Intimation of Confirmation: 1st Jan 2018

Patron

Prof. Dinesh Kumar
(Vice-Chancellor, YMCAUST)

Chairpersons

Prof. Komal Kumar Bhatia
(Professor & Chairman (CE), YMCAUST)
Prof. Atul Mishra
(Professor & Chairman (IT & CA), YMCAUST)

Advisory Committee

Prof. Sandeep Grover
Prof. C.K. Nagpal
Prof. Tilak Raj
Prof. Raj Kumar
Prof. Naresh Chauhan
Prof. Manjeet Singh
Prof. Munish Vashishath
Prof. Arvind Gupta
Prof. Rajesh Ahuja
Prof. Vikram Singh
Dr. Ashutosh Dixit

Coordinators

Dr. Neelam Duhan (CE, YMCAUST)
Ms. Mamta Kathuria (IT & CA, YMCAUST)

Organizing Committee

Dr. Parul Tomar	Dr. Anuradha
Dr. Sapna Gambhir	Ms. Shruti
Dr. Payal Gulati	Sh. Vedpal
Dr. Parul Gupta	Sh. Sushil
Ms. Deepika	Dr. Sonali

Contact Us

Dr. Neelam Duhan
#8368602163, Email: fdp.ceit.ymca@gmail.com

Ms. Mamta Kathuria
#7015106142, Email: fdp.ceit.ymca@gmail.com

YMCA University of Science and Technology
Sector-6, Mathura Road, Faridabad- 121006
Ph – 0129-2310138, 2310137
Website - www.ymcaust.ac.in

**YMCA University of Science and Technology
Faridabad**

(A Haryana State Government University)



Accredited 'A' grade By NAAC



VIVEKANAND MANACH

Value Added Course On

3 A WORKSHOP

11September-2017 - 13 September- 2017

Patron

Prof. Dinesh Kumar
Vice Chancellor

Programme Chair

Dr. Pradeep Dimri
Asst. Prof.
Electronics Engineering

Advisor

Abhishek Saroha
Sumedha Saini
Divyansh
Harsh Rohilla

Guest Speaker

Ms. Alka Gauri ji

About YMCAUST, Faridabad

YMCAUST has been in existence for the past 49 years and consistently contributing towards creation of competent engineering professionals and entrepreneurs. The competence of the university has been recognized at various levels by the agencies like UGC (grant of 12B status), accreditation (NAAC Grade 'A'), NIRF (best ranking amongst State Engineering Universities in Haryana), etc.

Address For Communication

Dr. Pradeep Dimri
Assistant Professor
YMCAUST, Faridabad
Tel: +919968433183

3 Days Value Added Course



Organised By:

Vivekanand Manch
YMCA University
of Science and Technology,
YMCA



Objective

Objective of workshop is inculcate good skills and teaching team work through different activities and to raise the intellectual and multidimensional development of students. . At the end of the workshop students will have the knowledge about team work and other things that will help them in their life

Events

- Inauguration Ceremony
- Group Discussion Session
- Declamation Competition
- Expert lecture
- Valedictory Ceremony

Speaker

Mrs Alka Gauri ji

Important Dates

Last date for submission of registration form: September 10, 2017
Inauguration: September 11,2017
Valedictory Ceremony: September 13, 2017

Registration

The program is interdisciplinary and is open for all students from different universities. There is no registration fees for the events

AAA- ARISE AWAKE
ACHIEVE Workshop

Registration Form

1. Name: _____
2. Designation: _____
3. Gender: _____
4. Date of Birth: _____
5. Category of participation: _____
6. Organization: _____
7. Address: _____
8. Email: _____
9. Contact No. : _____

Date: **Signature of applicant:**

Interested candidates can pre-register by sending the filled application by e-mail

Course Objective

- Understand the concepts of Entrepreneurship
- Trained and develop professional in the areas of Entrepreneurship so that they can act as a resource person in guiding and motivating young students, particularly from science and Technology stream, to take up as entrepreneurship as their career



Course Coverage

Programme objective orientation, Historical back ground –Indian values Vis-a via entrepreneurship and present scenario, Entrepreneurship and its concept, Profile of an entrepreneur, EDP methodologies, AMT, How to develop achievement motivation, How to start SSI Unit about the Govt. formalities, rules and regulations, Market survey tools and techniques, project identification and opportunity guidance, Business environment scanning, Agencies involved in promoting and assisting SSI Units, Role of support agencies DIC, SIDC, Technical aspect of SSI Units, EDP in India role of DST and other promotional institutes, How to identify and select potential entrepreneur, various tools and techniques etc,

Note

- Duration 80-85 hours. As per time table
- Certificate on completion
- No fee, No credits, No exam
- Open for all students of the University

Course period: 07 Dec -20 Dec 2017

Course Coordinators

Dr. Vasdev Malhotra

Convener

Email: vas1ymca@yahoo.com

Mobile: 9990201765

Skill Set Gain / Employability Opportunity

Participant will be able to understand the concept, EDP methodologies and How to start a SSI unit (general concept about the Gov. formalities, rules and regulations and able to know how to prepare business plan and strategies promotional work

About YMCAUST, Faridabad

YMCA University of Science and Technology has been in existence for the past 48 years and consistently been contributing towards creation of competent engineering professionals and entrepreneurs. An Institution that had a humble beginning as a post diploma institution and famous for generating skilled technical human resource for the industry has been elevated in 2009 as University of Science and Technology to further create competent human resource in diversified areas of Science & Technology. The competence of the University has been recognized at various levels by the agencies like UGC (grant of 12B status), accreditation (NAAC Grade 'A'), NIRF (best ranking amongst State Engineering Universities in Haryana), etc.

The University offers B.Tech Degree courses in Electronics and Communication Engg, Instrumentation and Control Engg., Computer Engg, Information technology, Electrical Engg., Mechanical Engg. and Civil Engineering.

The university has also added new chapters in its glorious history i.e. BBA, MBA, BCA, MCA, M.Tech, B.Sc., M.Sc. (Physics, Maths, Chemistry & Environmental Sciences), M.A. (Mass Communication and Journalism) and Ph.D in various disciplines.

Moving ahead on the path of excellence, the University is ready to effectively take up the forthcoming challenges in diversified domains. To accomplish this, new courses are being added and new facilities are being developed on continuous basis. Inculcation of ethical and moral values among youth is one of our prime concerns.

About Youth Red Cross

IRCS launched Youth Program in 2015 with the support of ICRC in around 88 school/colleges, 44 communities from 22 districts in 11 State Branches [Maharashtra, Gujarat, Andhra Pradesh, Tamil Nadu, Odisha, Chhattisgarh, Assam, Manipur, Nagaland, Meghalaya, West Bengal]. The program has three

key objectives –

- To enhance the understanding about the Red Cross Red Crescent Movement & its Fundamental Principles and promote peace and harmony among the youth and the selected communities.
- To strengthen the capacity of the YRC in the area of Hygiene Promotion, Household Water Treatment, Basic First Aid and Promoting Peace and harmony.
- To contribute towards increasing the awareness of and behavioral changes in the selected communities on Hygiene Promotion, Household Water Treatment and basic First Aid.

IRCS-ICRC youth program is also considering an intensive - youth led community based interventions - component added to the J/YRC level activities.

About the VAC

The Indian Red Cross Society (IRCS) is a part of the International Red Cross and Red Crescent Movement. One of the most common activities that all national societies perform is first aid training and providing first aid cover.

Today, First Aid is one of the core and crucial activities of the IRCS. This is the main strength of the Red Cross and Red Crescent Movement. The National Headquarters is regularly organizing workshops & trainings in basic FA with the aim to update the volunteers in the latest trends in this field thus contributing to strengthen the capacities of IRCS FA trainers. It helps to build up the capacity of the IRCS Branches in India to respond to humanitarian needs both in emergencies and in day to day support of the most vulnerable

people. The trained personnel are deployed in local, national and international emergencies as and when needed.

First Aid Training in NHQ : The National Headquarters with the help of funding agencies, All India Institute of Medical sciences (AIIMS), Delhi and Magen David Adom (MDA), Israel conducted 03 First Aid trainings in National Headquarters, Delhi to create master trainers. The trainees were selected from all parts of India.

Apart from these the National Headquarter also organizes meetings and trainings two to three times in a year for focal persons / FA coordinators and other support staff at Headquarters, Delhi.

Participation

The program is interdisciplinary and is open to students from university/Institute/Engg.College/ other colleges, participants.

At the end of the course, participants will be able to:

- To gain the knowledge about Red Cross and its role and activities.
- The volunteers able to understand the capacity of the YRC in the area of Hygiene Promotion, Household Water Treatment, Basic First Aid and Promoting Peace and harmony.
- The student volunteers are able to contribute towards increasing the awareness and behavioural changes in the selected communities on Hygiene Promotion,

IMPORTANT DATES

Last date for Registration: 30th September, 2017

Inauguration of VAC: 1st Oct., 2017, 9.30AM

Valedictory Session: 6th Oct 2017, 2.30 PM

YMCA University of Science and Technology, Faridabad
IEEE SB Club
Organizing



VALUE ADDED COURSE

SKILL DEVELOPMENT ON ELECTRONIC CIRCUITRY DESIGN
(SESSION 2017-18)

Registrations are open for all Branches from 1st Aug. 2017

Student Coordinator

Ms. Saumya Rastogi-8800126313

Mr. Sumit Kumar-8700489033

Faculty Coordinator

Dr. Sonia Bansal-9013162800

Value added course on 'Skill Development on Electronic Circuitry Design' offered by IEEE SB Club, YMCA University of Science and Technology, Faridabad

Prof. Dinesh Kumar
(ViceChancellor, YMCAUST)

Prof. S. K Aggarwal
(Dean Student Welfare, YMCAUST)

Dr. Munish Vashistha
(Advisor, IEEE SB, YMCAUST)

Dr. Sonia Bansal
(Deputy-Dean Student Welfare,
YMCAUST)

About the Program:

As circuit design is the process of working out the physical form that an electronic circuit will take, the result of the circuit design process is the instructions on how to construct the physical electronic circuit. In electronic design, it is important to develop proper schematics of the circuit design for the success of the electronic product. An engineer must draw a neat and clean layout for the required circuit for the specific purpose by using the conventional method or going for Electronic Design Automation tools.

Objectives of Program:

- The Basics of Electronics
- Session on PCB designing
- Embedded C and Arduino programming
- Understanding Commercial software used for developing PCBs, Proteus
- WALK THAT WALK –Hands on Session
- Evaluation: Question answer Session and Quiz

 **YMCA University of Science and Technology, Faridabad**

 **IEEE SB Club**
Organizing
Value added course
Skill Development on Electronic Circuitry Design
(Session 2017-18)

Name: _____

Roll No: _____

Department: _____

Branch: _____

Institution: _____

Years of Experience: _____

Area of Interest: _____

Address: _____

Mobile No.: _____

Email: _____

Website - www.ymcaust.ac.in

Date: _____

(Late date to apply: 27th Aug 2017)

Applicant's Signature

YMCA University of Science and Technology, Faridabad

IEEE SB Club
Organizing

Value added course
Skill Development on Electronic Circuitry Design
(Session 2017-18)



(Registrations are open for all Branches)

Coordinator

Dr. Sonia Bansal

Contact Us Dr. Sonia Bansal #9013162800,

Email: soniabansal@ymcaust.ac.in

Student Coordinators

Ms. Saumya Rastogi-8800126313

Mr. Sumit Kumar-8700489033

YMCA University of Science and Technology, Faridabad

Sector 6, NH-2, Mathura Road

Website - www.ymcaust.ac.in

About the YMCA University of Science and Technology, Faridabad

YMCA University of Science and Technology, Faridabad has been accredited by National Assessment and Accreditation Council (NAAC) with 'A' Grade and a CGPA of 3.08 in the First Cycle of Accreditation. YMCAUST was established in 1969 as an Indo-German project, a joint venture of the National Council of YMCA India, the Government of Haryana and the Central Agencies for Development Aid, Bonn, Germany. In December 2009 it was awarded the status of state university by the State Government. Right from the very beginning at institutional level it has emphasized greatly on practical work related to industry. As a result our students are well accepted by the industries. Many of them are entrepreneurs with names of repute at national and international level establishes the same. The university has also added new chapters in its glorious history i.e. MBA, MCA, M.Tech (Computer Engineering, Electrical Engineering, Electronics Engineering & Mechanical Engineering), M.Sc (Physics, Maths, Chemistry & Environmental Sciences), M.A. (Mass Communication and Journalism), B.Sc (Physics) and Ph.D.

About the Dean Students' Welfare

The office of the Dean Students' Welfare (DSW) is a student care center that serves as a relationship between students and administration. It covers all facets of the student's life at JCBose University of Science and Technology, Faridabad, whether it is a

hostel life or life at play ground or life in classes. In general, it works towards the welfare and well-being of the students in the campus, so that a healthy environment is created for all round personality growth of the students. DSW closely works with students across all years to provide leadership, social, extracurricular and academic counselling programmes. Student Welfare department tries to nurture students' mental, physical, cultural growth with various activities to improve their overall personality development and to make them civilized Indian citizens to compete in the globalized world. To support the University's educational goals to enhance or address aspects of the entire student experience, the Office of Student Welfare has a professionally trained team to help students through the unanticipated problems that sometimes comes in their way. To accomplish this, University has student's clubs like Nataraja, Srijan, Ananya, Vividha, Jhalak, Tarannum, Vivekanand Manch, Microbird, Manan, Mechnext, Samarpan, IEEE, SAE Collegiate Club, Eklavya, YRC that organizes different activities are undertaken for all round personality growth of the students.

About the IEEE SB, YMCA, Society

IEEE YMCA SB is a student branch of renowned International technical and professional organisation IEEE. The YMCA Student Branch was founded in 2016 with the objective of providing students, the exposure and knowledge about various technologies and opportunities to work, learn and grow. Its main target is to try and test the new

technologies and improve them. Solving real life problems in an innovative manner, is what that makes us real engineers. With this goal, IEEE YMCA SB always intends to work on problem based projects like Blind Navigation Stick, Wheelchair Fallen Detection, Home Automation, Firefighting Robot and many others. Besides these, we had worked on various recreational projects like Maze Runner, Virtual Orchestra, Masterpiece, Hit The Lights and Wireless Lamps.

Target Participants

We welcome all the students of University to be a part of learning the electronics, designing, coding in depth both at knowledge level, practical in mind and values.

Registration Form (As per prescribed format) Application should be made on the registration form in the prescribed format only. Brochure with registration form can also be downloaded from the university website: www.ymcaust.ac.in.

Candidates are required to send the scanned copy of prescribed registration form at rastogi.saumya2@gmail.com on or before 27th Aug, 2018. (Original Registration Form duly completed has to be submitted on registration desk at the time of reporting)

Fee There is no registration fee for participating in this course. Important Dates

Last date of Registration: 27th Aug 2017

Intimation of Confirmation: 29th Aug. 2017

For any Query please contact:

Ms. Saumya Rastogi-8800126313

Mr. Sumit Kumar-8700489033



VALUE ADDED COURSE

on

'Green Approaches for Environment Management'

(GAEM-2018)

(29th January - 24th February, 2018)

ORGANIZED BY



Department of Humanities & Sciences
 YMCA University of Science &
 Technology
 Sector 6, Mathura Road, NH-2,
 Faridabad (Haryana) 121006

YMCA University of Science & Technology, Faridabad

The YMCA University of Science and Technology, 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. The Institute has been granted University status since 1st Dec., 2009. YMCAUST has been conferred "Best Upcoming University" award by Associated Chamber of Commerce and Industry of India in Feb. 2014 under National Education Excellence Awards 2014.

The University offers B.Tech. degree course in six disciplines i.e Information Technology, Computers, Electronics Communication, Electronics Instrumentation Control, Mechanical & Electrical Engineering and Post Graduate Degree courses like M.Tech., M.Sc., MBA, MCA and Ph.D. The flexible, wide and dynamic curriculum has led to the development of various branches of technology as per interest of students.

Department of Humanities & Sciences

Humanities & Sciences Department is one of the strong pillars of the University, which provides fundamental education in basic sciences, management, economics and humanities to the students, so that they are well equipped to understand engineering

and technology. The post graduate courses being run in the department are M.Sc. Physics, M.Sc. Mathematics, M.Sc. Chemistry, M.Sc. Environmental Sciences and MA Journalism & Mass communication. The department also offers Doctorate degree in Physics, Mathematics, English and Environmental Sciences.

About Value Added Course

Each day we are exposed to environmental risks, including depletion of natural resources, pollution, deforestation, e-waste generation, poor air and water quality, ozone layer depletion, and more. Clearly, we need a solution, and we need it fast. One way businesses and individuals have begun to tackle climate change is through the use of Green and sustainable approaches.

Rational environmental management means making the best use of resources to meet basic human needs without destroying the regenerative capacity of natural systems. This requires a good understanding of the intersecting elements within the larger frame of development and implies the adoption and use of alternative, environmentally sound development strategies and related technologies. The value added course aims at providing an understanding of different environmentally Sound approaches and technologies which have the potential for significantly improved environmental performance relative to other technologies.

<p>Course Content</p> <p>The topics to be discussed in the VAC on GAEM are following, but are not restricted to</p> <ul style="list-style-type: none"> • Environmental Education and Training • Natural Resource Management • Importance of Plantation – traditional & modern outlook • Sustainable Agricultural Practices • Pollutant removal by biomass-based adsorbents • Bioremediation- Bio stimulation and Bioaugmentation • Waste Management Practices- Types • Composting and Vermicomposting • Integrated Waste Management - Importance of 5R's approach • Constructed Wetlands for Wastewater Management • Nanomaterials for Sustainable Society 	<p>Patron</p> <p>Prof. Dinesh Kumar Hon'ble Vice-Chancellor YMCA UST Faridabad</p> <p>Program Chair</p> <p>Prof. Raj Kumar Dean & Chairman Department of Humanities and Sciences YMCA UST Faridabad</p> <p>Course Coordinator</p> <p>Dr. Renuka Gupta Faculty In-charge and Assistant Professor Department of Humanities and Sciences YMCA UST Faridabad</p>	<p>Registration</p> <p>There is no registration fee for this course. Registration will start from 15th January to 21st January, 2018.</p> <p>The interested students may contact the Course coordinator for registration. The maximum number of participants is limited to 80 only.</p> <p>Important Dates</p> <p>(As seats are limited, kindly apply at the earliest) Last date for Registration: 23/1/2018 Intimation to selected candidates: 24/1/2018</p>
<p>Course Outcomes</p> <p>After doing this value added course, the students will be able to enhance the knowledge and proficiency to find solutions relating to environmental concerns of varied dimensions of present times.</p> <p>The students will be able to learn various sustainable technologies related to soil management, solid waste management, groundwater protection methods and integrated Water resources management.</p>	<p>Course Co-ordinators</p> <p>Mrs. Anita Girdhar Assistant Professor Department of Humanities and Sciences YMCA UST Faridabad</p> <p>Mrs. Monika Mago Assistant Professor Department of Humanities and Sciences YMCA UST Faridabad</p>	<p>Target Participants</p> <p>The program is of 30 hrs. duration and open to all M.Sc. and B.Tech. students of the University.</p> <p>Contact Information</p> <p>Dr. Renuka Gupta Faculty In-charge and Assistant Professor Department of Humanities and Sciences, YMCA University of Science & Technology, Sector 6, NH-2, Mathura Road, Faridabad (Haryana) Mobile : +91 9999692469 Email: renug77@gmail.com</p>

Value Added Course
on
“MATLAB”
(11 - 16 March 2018)



Organized by
**Department of
Electronics Engineering**



**YMCA University of Science and
Technology, Faridabad**
(A Haryana State Government University)
NH-2, Sector 6, Mathura Road,
Faridabad, 121006 (Haryana)

PATRON

Prof. (Dr.) Dinesh Kumar
Vice Chancellor
YMCA University of Science and Technology,
Faridabad

PROGRAMME CHAIR

Prof. (Dr.) Munish Vashishth
Chairperson
Department of Electronics Engineering
YMCA University of Science and Technology,
Faridabad

ADVISORY COMMITTEE

Prof. (Dr.) S.K. Agarwal
Electronics Engg. Deptt., YMCAUST, Fbd

Dr. Neelam Turk
Electronics Engg. Deptt., YMCAUST, Fbd

Dr. Pradeep Kumar
Electronics Engg. Deptt., YMCAUST, Fbd

Dr. Shailender Gupta
Electronics Engg. Deptt., YMCAUST, Fbd

PROGRAMME COORDINATOR

Ms. Manju Kumari
Assistant Professor
Department of Electronics Engineering
YMCA University of Science and Technology,
Faridabad

Address for Correspondence

Ms. Manju Kumari (9891659175)
Department of Electronics Engineering
YMCA University of Science and
Technology, Faridabad
Email id : manjunimesh88@gmail.com
Office contact No: 0129-2310110

Important dates and details

Duration:
40 hours (11 to 16 March 2018)

Last date for Registration:
08 March 2018

Venue:
Auditorium, YMCA University of Science
and Technology, Faridabad

Course Fee:
No registration fee for participation.
Certificates will be given to all the participants
on successful completion of the course.

Participation
The program is interdisciplinary and is open to
faculty, technical staff and students from the
university. Limited to 200 Participants only.

Registrations
Faculty, technical staff and students interested
in attending the program must get registered
with coordinator at JCBUST, Faridabad. You
can register in this course from the provided
registration form. The duly filled registration
form recommended by competent authority
should reach the coordinator latest by March
08, 2018. No application fee is required for
registration.

Last date for Registration: 08 March 2018

Prof. Dinesh Kumar
(ViceChancellor, YMCAUST)

Prof. Naresh Chauhan
(Dean Student Welfare, YMCAUST)

Dr. Sonia Bansal
(Deputy Dean Student Welfare,
YMCAUST)

Mr. Harish Kumar
(Faculty Coordinator Manan Club)

About the Program:

Code Relay is created as a platform to help Code programmers make it big in the world of algorithms, computer programming, and programming contests. We also aim to have training sessions and discussions related to algorithms, binary search, technicalities like array size and the likes. Apart from providing a platform for programming competitions, Code Relay also has various algorithm tutorials and forum discussions to help those who are new to the world of computer programming

Objectives of Program:

- ✓ Introduction to tool
- ✓ Creating new document and saving it
- ✓ Drawing shapes
- ✓ Transforming Objects
- ✓ Fills and Strokes
- ✓ Working with colours
- ✓ Appearance panels
- ✓ Shapes, Pen tool, Text, Using Paster tool



YMCA UNIVERSITY OF SCIENCE AND
TECHNOLOGY, FARIDABAD

MANAN CLUB

Organizing

Value added course

Competitive

Programming for
Beginners-Code Relay

(6th Nov.-11th Nov. 2017)

Name: _____

Roll No: _____

Department: _____

Branch: _____

Institution: _____

Years of Experience: _____

Area of Interest: _____

Address: _____

Mobile No.: _____

Email: _____

Website - www.ymcaust.ac.in

Date: _____

(Late date to apply: 1st Nov. 2017)

Applicant's Signature

YMCA UNIVERSITY OF SCIENCE AND
TECHNOLOGY, FARIDABAD

MANAN CLUB

Organizing

Value added course

Competitive Programming
for Beginners-Code Relay

(6th Nov.-11th Nov. 2017)



(Registrations are open for all branches)

Coordinators

Dr. Sonia Bansal

(Deputy Dean Student Welfare)

Mr. Harish Kumar

(Faculty Coordinator Manan Club)

Student Coordinators

Mr. Naman Sachdeva

Mr. Hemant Bansal

YMCA University of Science and
Technology, Faridabad

Sector 6, NH 2, Minerva Road

Website - www.ymcaust.ac.in

Contact Us: 9013162800, Email:
soniabansal@ymcaust.ac.in

About YMCA University of Science and Technology, Faridabad

YMCA University of Science and Technology, Faridabad has been accredited by National Assessment and Accreditation Council (NAAC) with 'A' Grade and a CGPA of 3.08 in the First Cycle of Accreditation. YMCAUST was established in 1969 as an indo-German project, a joint venture of the National Council of YMCA India, the Government of Haryana and the Central Agencies for Development Aid, Bonn, Germany. In December 2009 it was awarded the status of state university by the State Government. Right from the very beginning at institutional level, it has emphasized greatly on practical work related to industry. As a result our students are well accepted by the industries. Many of them are entrepreneur with names of repute at national and international level establishes the same. The university has also added new chapters in its glorious history i.e. MBA, MCA, M.Tech (Computer Engineering, Electrical Engineering, Electronics Engineering & Mechanical Engineering), M.Sc (Physics, Maths, Chemistry & Environmental Sciences), M.A. (Mass Communication and Journalism), B.Sc (Physics) and Ph.D.

About the Dean Student Welfare

The office of the Dean Students' Welfare (DSW) is a student care center that serves as a relationship between students and administration. It covers all facets of the student's life at JCBose University of Science and Technology, Faridabad, whether it is a

hostel life or life at play ground or life in classes. In general, it works towards the welfare and well-being of the students in the campus, so that a healthy environment is created for all round

personality growth of the students. DSW closely works with students across all years to provide leadership, social, extracurricular and academic counselling programmes. Student Welfare department tries to nurture students' mental, physical, cultural growth with various activities to improve their overall personality development and to make them civilized Indian citizens to compete in the globalized world. To support the University's educational goals to enhance or address aspects of the entire student experience, the Office of Student Welfare has a professionally trained team to help students through the unanticipated problems that sometimes comes in their way. To accomplish this, University has student's clubs like Nataraja, Snjan, Ananya, Vividha, Jhalak, Tarannum, Vivekanand Manch, Microbird, Manan, Mechnext, Samarpan, IEEE, SAE Collegiate Club, Eklavya, YRC that organizes different activities are undertaken for all round personality growth of the students.

About the Manan Club

Manan is the computer society of J.C Bose University. We aim to garner creativity and talent & propagate awareness regarding various tech-related knowledge throughout the ingenious minds. We help students realize their potential by providing them a platform where they could show their skills and also a platform for learning and increasing their technical skills including coding, development, gaming, and much more.

Target Participants

We welcome all the students of University to be a part of learning the electronics, designing, coding in depth both at knowledge level, practical in mind and values.

Registration Form (As per proccedural format)

Application should be made on the registration form in the prescribed format only. Brochure with registration form can also be downloaded from the university website: www.ymcaust.ac.in. There is no registration fee for participating in this course.

Important Dates:

Last date of Registration: 1st Nov. 2017

Intimation of Confirmation: 4th Nov. 2017

Schedule as follows:

Event	Dates
Inaugural & Intro to Competitive Programming for Beginners - Code Relay	November 6, 2017
Session on Linked Lists - Code Relay	November 7, 2017
Session on Number Theory - Code Relay	November 8, 2017
Introduction to Git and Github - Code Relay	November 9, 2017
Session on Binary Trees - Code Relay	November 10, 2017
Workshop on Android Development	November 11, 2017
Valedictory	

PATRON
Prof. Dinesh Kumar
(Vice-Chancellor, YMCAUST)

CO- PATRON
Prof. Sanjay Sharma
(Registrar, YMCAUST)

CONVENER
Prof. Raj Kumar
(YMCAUST)

RESOURCE PERSONS
Dr. Kuldeep Bansal
(Department of Mathematics, GJU S&T, Hisar)
Dr. C.B. Gupta
(Department of Mathematics, BITS Pilana)
Dr. Dinesh Madan
(Department of Mathematics, CBLU Bhiwani)
Dr. Yogesh Kumar Goyal
(Department of Mathematics, Aggarwal College
Ballabgarh, Faridabad)
Dr. Komal Kumar Bhatia
(Department of Computer Engineering,
YMCAUST)
Dr. Ashutosh Dixit
(Department of Computer Engineering,
YMCAUST)

YMCA University of Science and Technology,
Faridabad
Sector 6, NH-2, Mathura Road
Website - www.ymcaust.ac.in

YMCA University of Science and
Technology, Faridabad

Department of Humanities & Sciences
Organizing
Value added course On
Mathematics : Progress, History,
Development and Use in different fields
7 July 2017 – 13 July 2017

Name: _____
Roll No: _____
Department: _____
Branch: _____
Institution: _____
Years of Experience: _____
Area of Interest: _____
Address: _____
Mobile No.: _____
Email: _____
Website - www.ymcaust.ac.in
Date: _____

(Late date to apply: 05th July 2017)

Applicant's Signature
YMCA University of Science and Technology,
Faridabad

Department of Humanities & Sciences
Organizing
Value added course On
Mathematics: Progress, History,
Development and Use in different fields
7 July 2017 – 13 July 2017



(Registrations are open for all Branches)

Convener & Head of Department
Prof. Raj Kumar

Coordinator
Dr. Neetu Gupta
Mob. No. – 9953505828
Email: neetuymca@yahoo.com

Organizing Team
Dr. Reena Garg (Assistant Professor)
Ms. Nisha (Assistant Professor)
Ms. Hemlata Aggarwal (Assistant Professor)
About the YMCA University of Science and
Technology, Faridabad

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About the Program

The course aims to develop the understanding different fields and aspects of Mathematics.

The course will focus on the history, progress and development of Mathematics, Mathematicians and their important contributions, use and applications of mathematics in different areas like in Physics, Chemistry, Engineering, Medical, Aero space, Agriculture etc. etc. It is an outstanding platform to discuss the key ideas, novel ideas, listening to eminent speakers and sharing experiences with peer groups. It will provide opportunities to undergraduate and postgraduate students to pursue research in mathematics.

Objectives of Program

The learning objectives of the course are as follows:

- Understand various fields of Mathematics
- Various method in Mathematics and their use
- Computational and Numerical methods to solve various numerical problems
- Applications of Mathematics in various fields
- To know about Mathematician and their important contributions

Target Participants

We welcome all the students of University to be a part of learning the electronics, designing, coding in depth both at knowledge level, practical in mind and values. Registration Form (As per prescribed format)

Application should be made on the registration form in the prescribed format only. Brochure with registration form can also be downloaded from the university website: www.ymcaust.ac.in. Candidates are required

to send the scanned copy of prescribed registration form at neetuyymca@yahoo.com on or before 25th June, 2016. (Original Registration Form duly completed has to be submitted on registration desk at the time of reporting)

Fee There is no registration fee, for participating in this course. Important Dates
Last date of Registration: 05th July 2017
Intimation of Confirmation: 10th July. 2017
For any Query please contact:

Dr. Neetu Gupta
Mob. No. – 9953505828
Email: neetuyymca@yahoo.com

Ms. Nisha Singh
Mob. No. – 9818809102
Email: nishu1may@gmail.com



One week Value Added Course
on
Advances in Materials Science (AMS-2018)
15-20 January, 2018

About the University

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 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) 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-Ballabgarh Industrial complex.



Convenor:
Dr. Raj Kumar

Coordinators:
Dr. Sonia Bansal
Dr. Maneesha Garg

Department of Humanities and Applied Sciences
YMCA University of Science and Technology,
Faridabad-121006