YMCA UNIVERSITY OF SCIENCE AND TECHNOLOGY

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





2017-18

PROSPECTUS FOR UG/PG PROGRAMS

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Disclaimer

At the time of the publication of this Prospectus, it is assumed that the information published / printed is correct to the satisfaction of the University rules. However, any change in the provisions/ instructions/ regulations made by the University at a later date shall apply to all students to be admitted to the various programs. If any candidate suffers loss or faces inconvenience due to such changes, the University shall not be responsible for such inconvenience/loss caused.

Jurisdiction

All the disputes shall lie in the jurisdiction of District Faridabad.





Prof. Dinesh Kumar Vice-Chancellor

MESSAGE

It gives me immense pleasure to bring out the prospectus of University for the academic year 2017-2018. It is an honour and a privilege to be the Vice-Chancellor of the YMCA University of Science and Technology, Faridabad that stands for excellence and continuously sets the highest standards.

I am delighted to welcome the next batch of UG/PG/Ph.D. students for the academic year 2017-18. YMCA University of Science & Technology erstwhile 'YMCA Institute of Engineering, Faridabad' is a pioneer Institution that has been providing qualified and trained manpower to the industry since its inception as an Indo-German project in 1969. It is one of the leading Universities of the State, and it has contributed immensely in the field of Science & Technology.

The YMCAUST has been conferred "Best Upcoming University" award by Associated Chamber of Commerce and Industry of India in February 2014 under National Education Excellence Awards 2014. YMCAUST has been awarded 'AAA+' rating by the Careers360 magazine in the year 2013, 2014 and 2015 and in the year 2016, it has also been awarded 'AAAA' rating. The University has been given 'A' grade by NAAC in the year 2016 and recognized by Department of Scientific & Industrial Research in 2017. The University has also made its significant presence in NIRF Ranking 2017, Best Engineering Institute in Haryana after NIT, Kurukshetra.

The University has produced a large number of entrepreneurs who are actively contributing to the socio — economical development of the country in general and the State of Haryana in particular. In fact, the University is concentrating on flourishing the multi-dimensional talents of

the students through different academic and extra-curricular activities. The faculty members and non-teaching staff are highly dedicated with total commitment towards the achievement of our mission and goals of the University.

The University is planning to introduce new post-graduate courses in different disciplines from this session. In addition to this, from the Session 2016-17 we have introduced new certificate courses in foreign languages viz., French and German to provide better employment opportunities in the era of globalization.

I wish all the students a very bright future.

(Dinesh Kumar)

YMCA UNIVERSITY OF SCIENCE & TECHNOLOGY FARIDABAD, HARYANA

The Chancellor

His Excellency Prof. Kaptan Singh Solanki Hon'ble Governor of Haryana

Name & Designation	Telephone No.
Professor Dinesh Kumar	0129-2310102
Vice-Chancellor	
Dr. Sanjay Kumar Sharma	0129-2310104
Registrar	
Dr. Sandeep Grover	0129-2310107
Dean of Institutions	
Dr. Tilak Raj	0129-2310155
Dean Faculty (Engineering & Technology),	
Chairperson (ME), First Appellate Authority (RTI)	
Dr. Raj Kumar	0129-2310123
Dean & Chairperson (HAS)	
Chairman, Anti Discrimination Cell	
Dr. Arvind Gupta	0129-2310172
Dean & Chairperson (MBA),	
Incharge, Career & Counseling Cell	
Dr. Vikram Singh	0129-2310160
Dean Academic Affairs	
Dr. Naresh Chauhan	0129-2310109
Dean Student Welfare & Nodal Officer (Digital India)	
Dr. Rajesh Ahuja	0129-2310111
Chairperson (EL)	
Dr. MunishVashishath	0129-2310141
Chairperson(ECE)	

Dr. Komal Kr. Bhatia	0129-2310178
Chairperson (CE)	
Dr. Atul Mishra	0129-2310106
Chairperson (IT) & Dean (Research & Development)	
Dr. Manjeet Singh Proctor	0129-2310105
Dr. Hari Om Controller of Examination & Director IQAC	0129-2310112
Dr. Lakhwinder Singh Training & Placement Officer	0129-2310119
Dr. Anju Gupta Chairperson, Women Cell	0129-2310129
Dr. Vikas Turk Chief Hostel Warden	0129-2310122
Dr. Pradeep Dimri Controller of Finance	0129-2310118
Dr. Jyoti <i>Director (Industrial Relation)</i>	0129-2310130
Sh. P.N. Bajpai Librarian	0129-2310124
Mr. Jitender Singh Yadav Public Relation Officer Nodal Officer (RTI)	0129-2310127
Sh. Vivek Sharma Workshop Superintendent	0129-2310121

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CHAPTER - 1

ABOUT THE UNIVERSITY

Introduction

YMCA University of Science & Technology, Faridabad established in 2009 vide Haryana Govt. Gazette Notification No.29 of 2009 16.9.2009(Haryana Act No. 21 of 2009) formerly known as YMCA Institute of Engineering, Faridabad, which was established in year 1969 as a Joint Venture of Govt. of Haryana and National Council of YMCA of India with active assistance from overseas Agencies of West Germany to produce highly practical oriented personnel in specialized field of engineering to meet specific technical manpower requirement of industries. The University (erstwhile YMCA Institute of Science & Technology) has been well known for its track record of employment of the passed out students since its inception. It has an excellent record of placement and has been a first preference in Haryana State.

Vision

"YMCA University of Science and Technology aspires to be a nationally and internationally acclaimed leader in technical and higher education in all spheres which transforms the life of students through the integration of teaching, research and character building."

Mission

- To contribute to the development of science and technology by synthesizing teaching, research, and creative activities.
- To provide an enviable research environment and state-of-the art technological exposure to its scholars.
- To develop human potential to its fullest extent and make them emerge as world class leaders in their professions and enthuse them towards their social responsibilities.

Location

The University is situated right on the National Highway No.2 known as Mathura Road, 32 km. from the National's Capital, New Delhi, on the way to the Taj Mahal, Agra. The University has its Campus on a plot area of 20 acres. It is located in the growing and sprawling Faridabad Ballabgarh Industrial Complex of Haryana. The University is well connected with Rail and Road Transport from Delhi/New Delhi and it is situated 100 meters away from the Metro Station namely Escort Mujesar.

The University

The University has been well known for its track record of employment of the passed out students since its inception as erstwhile YMCA Institute of Engineering. The University has been conducting B.Tech. Degree Courses of 4 years duration from the session 1997-98 and candidates are admitted through Centralized Counseling. Besides undergraduate degree courses, University is also running a number of Post Graduate Degree programmes like M.Tech., M.Sc., MBA, MCA and Ph.D. programmes.

Awards, Recognition & Achievements

- The university was awarded 'A' grade Accreditation by NAAC in the year 2016.
- 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.
- YMCAUST has also been awarded 'AAA+' by the Caree360 Magazine in the year 2013, 2014, 2015 & 2016.
- In 2016, it has also been awarded 'AAAA+' by the Career 360 Magazine.
- DANFOSS India (P) Ltd. has given an award of Rs. 50000 to B.Tech in May, 2014 to Mechanical students for a project (Second best innovative project in India)

- Appreciation award by DC Faridabad in the field of life-saving programme for Blood Donation during the year 2013, 2014, 2015 & 2016.
- 58 students have qualified GATE 2016 and 08 students have passed CAT-2016.
- 06 students have passed NET-2016 & 2017.
- Centres of Excellence are established by
 - i. DAIKIN Airconditioning India Pvt. Ltd.
 - ii. DANFOSS India Pvt. Ltd.
- In 2017, The YMCA University of Science and Technology has made its presence in the National Institutional Ranking Framework for engineering institutes and got place in the rank band between (101-150) and is the only State Government University or Institute to bag that position.

Academic Program

The University is offering B.Tech. Course of 4-Years duration from the session 1997-98 and students are admitted through Centralized Counseling conducted by Agency nominated by State Govt. from time to time in 1st Year and offering students in the 2nd year of B.Tech. and MCA course through Lateral Entry. The University is now offering 16 PG course and 07 UG course, apart from Ph.D. in various disciplines are offered by the University. The University is also introducing 2 new courses, i.e. MBA (specialization in Retail Management, Supply Chain Management, E-commerce and Travel & Tourism) and B.Sc. (Physics Honours) from the Session 2017-18.

SC/ST Cell

The SC/ST Cell in the University has been set up with the following objectives:

- To ensure the proper implementation of various schemes and guidelines of Government for the welfare of SC / ST students.
- To conduct the coaching, remedial classes etc.
- To cater and ensure various safeguards of the SC / ST students.

Following are the members of Cell

Dr. Raj Kumar, Professor (Mechanical Deptt.) : Chairman
Dr. Vasdev Malhotra, Associate Prof. (Mechanical Deptt.) : In-charge
Dr. Renuka Gupta, Assistant Prof. (HAS Deptt.) : Member
Sh. Balkishan, Assistant Prof. (Electronics Deptt.) : Member
Sh. Harish Kumar, Assistant Prof. (Computer Deptt.) : Member
Ms. Anushree Chauhan, Assistant Prof. (MBA Deptt.) : Member

Career & Counseling Cell

The broad objectives of the cell are:

- To help students to chalk out academic and career roadmaps for themselves.
- To create awareness among the students about emerging professional trends and entrepreneurship and market needs etc.
- To provide guidance to the students on various options available for higher studies available in India and abroad.
- To help the students in the development of their strengths, sharpening their interests and planning for a satisfying future.
- To provide guidance for personality development, positive attitude and inter-personal skills.
- To promote Value System and National Integration among students.

The cell would facilitate following activities in broad ways:

- Organizing expert lectures in different subjects for the students.
- Organize seminars for career building of the students in different areas.
- Organize counseling sessions for students.
- Organize career fair for the students.

The cell comprise of the following members:-

Name and Affiliate	Position
Dr. Arvind Kumar, Professor (ME)	Incharge
Sh. Bharat Bhushan Gupta, Asst. Prof. (ECE)	Member
Ms. Ashlesha Gupta, Assistant Prof. (CE)	Member
Ms. ManviSiwach, Assistant Prof. (CE)	Member
Ms. Neha Goyal, Assistant Prof. (MBA)	Member
Sh. Atma Ram, Assistant Prof. (EL)	Member

Prevention of Sexual Harassment

University has established a Committee of the following to prevent sexual harassment at YMCA University under the Chairpersonship of Dr. Anju Gupta.

Members' Name	Designation	Contact No.
Dr. Anju Gupta, Associate Professor	Chairperson	0129-2310111
Dr. Rashmi Aggarwal, Asstt. Professor	Member	0129-2310111
Sh. Bharat Bhushan, Asstt. Professor	Member	0129-2310141
Sh. Mukesh Garg, Sr. Instructor	Member	0129-2310133
Ms. Renu Dagar, Sr. Law Officer	Member	0129-2310125
Sh. Rajiv Sharma, Sr. Stenographer	Member	0129-2310120
Sh. Manmohan Kakkar, HOS	Member	0129-2310166
Ms. Poulami Jana, Instructor	Member	
Prof. RichaTanwar, Director, Women	Outside	
Study Centre, Kurukshetra University	Member	

Dr. Bulbul Dhar, Director, Sarojini	Outside	
Naidu Centre for Women Study	Member	
Dr. Rajeev Singh, Dy. Registrar,	Member	0129-2310158
Establishment		
Sh. Keshav, Electrical (IIIrd Yr.)	Student	
	Member	
Ms. Preeti Mishra, Electrical (IIIrd Yr.)	Student	
	Member	

The University Rules & Policy for the Prevention, Prohibition and Punishment of sexual harassment of women staff members and female students are in place as passed by the Executive Council of the University. In case of any such complaint, the staff and the students can approach the above Committee.

Student Welfare

YMCA University of Science & Technology Faridabad has a separate student welfare office, headed by DSW, which provides a range of service for students, enabling them to realize their potential and participate fully in their university and beyond.

Dr. Naresh Chauhan, Dean Student Welfare

Following are the In-charges of various activities.

Sr.	Activity	Incharge / Co-ordinator
No.		
1.	National Service Scheme	Dr. Pardeep Dimri
2.	Sports officer	Dr. Rajesh Bhardwaj
3.	Youth Red Cross	Dr. Pradeep Kumar
4.	Cultural Council, Beti Bachao Beti Padhao Drive & Corporate Social Responsibility	Dr. Sonia Bansal
5.	Technical Activity	Dr. Vasdev Malhotra
6.	Swachha Bharat and Swashta Bharat Drive	Dr. Bhaskar Nagar

In addition, Co-ordinators of various clubs are also given below:

Sr.	Club	Incharge / Co-ordinator
No.		
1.	Tarannum Club	Ms. Shruti Sharma
2.	Srijan Club	Dr. Renuka Gupta
3.	Manan Club	Mr. Harish Kumar
4.	Natraj Club	Ms. Neha Goel
5.	Ananya Club	Dr. Rajiv Sindwani
6.	Jhalak Club	Dr. Preet Kaur
7.	Vividha Club	Dr. Shailender Gupta
8.	Samarpan Club	Mr.Lalit Rai
9	Mechnext Club	Mr. Sanjay Kumar
10	Microbird Club	Mr. Lalit Mohan

Community College

The University has Community College under the grant from UGC. At present, two diploma courses, one in Electrician and another in Welding are being in operation with intake of 50 seats in each course. It is a one-year diploma course programme. The eligibility for admission to these courses is passing in the intermediate examination in arts / commerce / science streams of recognized boards / universities. In 2014, against the admitted students, more than 80% students have been placed in some reputed companies like Synergy Energy Solutions Pvt. Ltd., Avibha Industries Pvt. Ltd., Natraj Industries, Sunbeam Enterprises, Prokon Hitech System, Ahuja Brothers, etc. A One year certificate course of Air-Conditioning is also running under Self Financing Scheme (SFS). The fee of Rupees 15000/- per candidate per annum is charged. The following two courses sponsored by the AICTE under PMKVY are running in the community college:

- a) Field Technician Air conditioning
- b) Lathe Operator

For any further detail please contact:

Principal, Community College YMCA University of Science & Technology, Faridabad Sector-6, Mathura Road-121006, Haryana, India Phone No. 0129-2310121

Alumni Affairs

Established in 1985, YMCA Alumni Association – MOB creates and maintains a life-long connection between the Institute and its alumni, whose number is more than 5000.

In collaboration with an extremely dedicated volunteer central executive member, the Alumni Association works to connect alumni, support students and build an unforgettable Institute experience through a diversity of events. At present, the Alumni Association is being headed by Mr. Naveen Sood, M.D., VEEGEE Industries, Faridabad (Passed out from YMCA Institute of Engineering Faridabad in 1974).

	List of Alumni with their profile		
Sr. No.	Name	Designation	Company
1	Mr. Rakesh Bharti Mittal	Vice-Chairman	Bharti Enterprises
2	Mr. Raj Bhatia	Managing Director	Bony Polymers
3	Mr. Naveen Sood	Managing Director	VEE GEE Auto Components Pvt. Ltd.
4	Mr. Mahesh Sachdeva	Managing Director	Fuji Gemco Controls Pvt. Ltd.
5	Mr. K.J. Jawa	Managing Director	Daikin Air Conditioning India Pvt. Ltd.
6	Mr. Arun Bhatia	Managing Director	Carrier UTC India Pvt. Ltd.

7	Mr. Ashish Banga	Director, HR	Indigo airlines Pvt. Ltd.
8	Dr. B.P. Sharma	Chairman & Managing Director	Pawan Hans Ltd.
9	Mr. Aseem Hanspal	Founder Director	Skope India
10	Mr. Swatantra Gagneja	Managing Director	Patton Refrigeration India Pvt. Ltd.
11	Mr. Vijay Mishra	Director, IT Infrastructure Services	Cape Gemini
12	Mr. Pramod Kaushik	CEO, South Asia	GE Oil & Gas
13	Mr. Rakesh Jain	Director	Ambit Switch Gear Pvt. Ltd.
14	Mr. Sachin Dev Sharma	General Manager	Samsung Research Institute, Delhi
15	Mr. Naresh Kumar	Chairman	Dynamic Offshore and Deepwater Drilling
16	Mr. Amit Mittal	Associate Vice President	Aditya Birla Finance Limited
17	Mr. V.K. Luthra	Business Head- Industrial & Green Energy Boiler Division	Isgec Heavy Engineering Ltd.
18	Mr. Rahul Narang	Co-founder	Lybrate India Pvt. Ltd.
19	Mr. Sukhdev Singh	Managing Director	Hind Hydraulics Pvt. Ltd.
20	Mr. Rajesh Chaudhary	VP-Sales, India, SAARC, East Africa	Groz Engineering Tools Pvt. Ltd.
21	Mr. Vipin Gupta	Director/Factory Head	LG Electronics India Pvt. Ltd.

Objective of Alumni Affairs

1. Encourage interaction with students, alumni, faculty and industry by holding lectures, seminars and conferences.

2. To generate a 'Brain Bank' from amongst its members or experts from outside and provide its services for the benefit of the members of MOB, in particular, Alma mater and the society, in general.

Membership: A person who has been awarded degree / diploma by YMCA UST / YMCAIE Faridabad shall be eligible for membership of MOB.

How to become a member?

The one time subscription for life membership of the association shall be Rs.500/-.

Alumni Association offers

- **Alumni Career and Networking Services:** Membership links you to a strong network of more than 5000 members functioning in various capacities in different parts of the world.
- **Student-Alumni Contact:** Support current students @YMCA through different mentoring opportunities either by being a part of on-campus lectures or through an in person or online commitment; provide internships; recruit fresh graduates; present career programs etc.
- **Events and Reunions:** The Association organizes and facilitates a host of events every year at different locations. This includes the Annual General Meeting, Class / Batch Reunion and various other reunions. Association members are also invited to campus events like Foundation Day, Convocation Day, and other cultural events on Campus.
- **Geographic Alumni Chapters:** Number of Chapters is currently active and organizing various activities all over the country.

MOB Scholarships (Merit-cum-Means): Scholarships contributed to the students from the year 2016. The nomenclature of the scholarship is MOB (Merit-cum-Means).

Training & Placement

The Training and Placement Department is headed by Dr. Lakhwinder Singh.

Students of B.Tech MECH/ECE/EIC/EL go for internship of 7 months starting from 1st June to 31st Dec in 7th semester.

Students of B.Tech CS/IT/ & MCA go for internship of 6 months starting from 1st Jan to 30th June in 8thsemester.Some of the companies which provide internship to our students are ST Microelectronics, ST Ericsson, TCS, HCL, Samsung software Engg. Lab, Samsung Engg, Eicher Tractors Ltd, Maruti Suzuki Indian Ltd, Escorts Ltd, L & T Ltd, HMT, JCB India, LG electronics, Newgen Technologies, Blue star, Woodwards, SMS Seemag, Blue Star Ltd., etc. Further, the companies are also paying stipend ranging from Rs.5,000/- to Rs.30,000/- per month during the training period.

It has excellent placement record and has been first preference of industries in Haryana State. Our main recruiters are TCS, ADOBE, HCL, Cognizant, Samsung Software Engg. Lab, Maruti Suzuki Ltd, Newgen Technologies, JCB India, Escorts Ltd, ISGEC, Lanco, Tech Mahindra, L&T Ltd, Orient Fans, Daiken AC, Catvision, Noida Power, ST Ericsson, Blue Star Ltd etc. The University has signed MoUs with many industries including Danfoss India Private Ltd.

For any further detail please contact:

Dr. Lakhwinder Singh, Training & Placement Officer, YMCA University of Science & Technology, Faridabad Sector-6, Mathura Road-121006, Haryana, India Phone No. 0129-2310119

Email Id:tpo@ymcaust.ac.in

Library

YMCAUST Library is a modern library meant to fulfill the information needs of students, research scholars, faculty and staff of various departments of the University. It is housed in a fully air conditioned single story building. The magnificent library building is centrally located within easy reach from all the departments, hostels, and residential areas. The University Library building has a total area of 7200 sq. ft. It has two reading halls with a total capacity of 120 seats. In the periodical section all the journals, newspapers and magazines are displayed alphabetically. University Library has a rich collection of 67514 volumes in the stream of Engineering & Technology, Applied Sciences and Management. It follows Open Access System. Library is also subscribing good number of journals, magazines and newspapers for its readers. It is well-equipped with modern technology like Internet, Bar Code technology etc. The library is automated with the Library Automation Software Libsys and its Acquisition, Cataloguing and Circulation activities are fully computerized. Every member has been provided a Bar Coded Library Membership Card. Online Public Access Catalogue (OPAC) is available to locate the reading material in the library. The library is the member of DELNET, AICTE-INDEST as well as UGC INFONET Consortium. The library having subscription of e-resources from SpringLink, Taylor and Francis, Nature, JSTOR & Oxford University Press, ASME, Science Direct (Engg& Computer Science collection). Ten Books are issued to each student out of which six books are issued under book bank facility for whole semester and four books for 2 weeks from stack area. The University maintains a separate book bank facility having sufficient number of text books for the students. General rules for issuance of books to the students:

- a. Students are entitled to get 10 books issued including General and Book Bank account.
- b. Books issued on general account need to be re-issued after 15 days and can be re-issued once only.
- c. Books under book bank are issued for one semester.
- d. Fine from the students for overdue books will be charged Re. 1 per day for first 15 days and Rs.5/- per day thereafter.

Workshops & Labs

The University has well-equipped labs & workshops. The sophisticated equipment in Workshops/Laboratories is available so that students may acquire thorough knowledge and develop competency in their practical skills. Efforts to add latest equipments in the Workshop/Labs from time to time are made. Special emphasis is given on the practical aspect of training to prepare the students for the specific requirement of industries.

Computing Facilities

The University has state-of-art equipment in the Computer Center and Computer Laboratory and continues to add latest computer facilities. At present, the University has around 660 Computers. The University has also software as per requirement of various courses and also provides Internet facilities from BSNL (10 MBPS) leased line, BSNL (512 kbps).

General Facilities

For the benefit of the students, the following facilities do exist in the University Campus:

Campus Facilities	
Govt. Nationalized Bank / ATM Open Air Theatre	
Post Office	Conference / Seminar Hall

Canteen	Hostels
Medical Dispensary	Stationary Shop
Play Ground	Mother Dairy Kiosk
Gym	

Sports/Games/Cultural Activities

The University strongly believes that the real aim of education is to ensure the all-round growth of the personality of the students and the games and sports contribute greatly in this direction. The students are encouraged to take part in sports throughout the academic session under the active stewardship of President of Sports. The University has facilities for both outdoor and indoor games like Hockey, Football, Volley Ball, Cricket, Athletic, Basket Ball, Lawn-Tennis, Badminton, Chess, Kabaddi, Wrestling, Weight Lifting and Gymnastic activities. The University conducts Inter College Sports of District Level and University Level/Tournaments besides Inter Hall and Inter Discipline Competitions in the indoor and outdoor games in the University.

CHAPTER - 2

COURSES & INTAKE DETAILS

Courses Offered at UG Level

				AKE
Department	Course with discipline	Duration	In 1 ST Semester Through JEE Rank	In 3 rd Semester Through LEET Rank
Department of Computer Engineering	Bachelor of Technology (Computer Engineering)	4 years	60	12
Department of Mechanical Engineering	Bachelor of Technology (Mechanical Engineering)	4 years	120	24
Department of Electrical Engineering	Bachelor of Technology (Electrical Engineering)	4 years	60	12
Department of Electronics &	Bachelor of Technology (Electronics Instrumentation and Control Engg.)	4 years	60	12
Communication Engineering	Bachelor of Technology (Electronics & Communication Engg.)	4 years	60	12
Department of Information & Technology & Computer Application	Bachelor of Technology (Information Technology)	4 years	60	12
Department of Humanities & Sciences	Bachelor of Science (Physics Hons.)	3 years	60	

NOTE: Six students are admitted directly out of the Kashmiri Migrant Candidates through HSTES over and above the sanctioned strength in B.Tech. 1st Year and one seat in any branch in 3rd Sem. through B.Tech.(LEET). Seats under Tuition Fee Waiver are filled as per State Govt. norms.

Courses offered at PG Level:

Department	Courses offered	Duration	Intake
Department of	Master of Technology in	2 years	18
Mechanical Engineering	Manufacturing Technology and	,	
	Automation.		
Department of Electrical	Master of Technology in Power	2 years	18
Engineering	Systems.		
Department of Computer	Master of Technology in	2 years	18
Engineering	Computer Engineering		
Department of	Master of Technology in	2 years	18
Information &	Information Technology.		
Technology		_	
Department of Computer	Master of Technology in	2 years	18
Engineering	Computer Networking		40
	Master of Technology in	2 years	18
Department of	Electronics & Communication		
Electronics &	Engineering		10
Communication	Master of Technology in	2 years	18
Engineering	Electronics & Instrumentation.		40
	Master of Technology in VLSI	2 years	18
	Design Applications	2/	20 .
Department of	Master of Computer Applications	3 years /	30 +
Information &	/Master of Computer Application	2 years	06
Technology & Computer Application	(Lateral Entry)	for lateral	(lateral
Application	Master of Dusiness Administration	entry	entry)
	Master of Business Administration	2 years	60
	(specialization in Financial		
	Management, HR Management, and Marketing Management		
Department of Business	Master of Business Administration	2 years	60
Administration	(specialization in Retail	2 years	00
	Management, Supply Chain		
	Management, E-commerce and		
	Travel & Tourism)		
	Master of Science in Physics	2 years	60
	Master of Science in Mathematics	2 years	60
	Master of Science in Chemistry	2 years	60
Department of	Master of Science in Chemistry	2 years	35
Humanities & Sciences	Environmental Sciences	_ ,cais	
	Master of Arts	2 years	30
	(Journalism & Mass	_ ,cais	
	Communication)		
		1	

CHAPTER - 3

FACULTIES & DEPARTMENT

Department of Information Technology& Computer Application

The Department besides conducting B.Tech.programme in IT & MCA, also conducts M.Tech. & Ph.D. in the discipline of IT from the year 2002-03 and 2010-11 respectively. The department has highly qualified and experienced faculty as given below (List is in Alphabetic order in a cadre):

	Professor		
1. Dr. Atul Mishra, Chairperson		2. Dr. Manjeet Singh	

Assistant Professor		
1. Ms. Amita Arora	2. Ms. Deepika	
3. Ms. Mamta	4. Ms. Manvi	
5. Dr. Payal Gulati	6. Ms. Poonam	
7. Dr. Rashmi Popli	8. Ms. Shilpa Sethi	
9. Dr. Sonali Gupta	10. Sh. Sushil Kumar	
11. Sh. Umesh	12. Sh. Ved Pal	
13. Ms. Ayyu Gupta	14. Mr. Bhanu Prakash	
15. Ms. Jyotsna Pramar		

The department is actively engaged in research work in broad area of Fuzzy Expert Systems, Internet Technology, Nature Language Processing and Network Technology.

Department of Computer Engineering

The Department besides conducting B.Tech.programme in Computer Engineering, also conducts M.Tech. & Ph.D. in the discipline of CE from the year 2002-03 and 2010-11 respectively. The department has highly qualified and experienced faculty as given below (List is in Alphabetic order in a cadre):

Professor Professor	
1. Dr. Komal Kumar Bhatia, Chairperson	2. Dr. Atul Mishra
3. Dr. C. K. Nagpal	4. Dr. Naresh Chauhan

Associate Professor

1. Dr. Ashutosh Dixit

	Assistant Professor	
1. Ms. Alka Chaudhary	2. Dr. Anuradha	
3. Ms. Ashlesha Gupta	4. Sh. Harish Kumar	
5. Dr. Jyoti	6. Dr. Neelam Duhan	
7. Dr. Parul Gupta	8. Dr. Parul Tomar	
9. Dr. Preeti Sethi	10. Ms. Shruti Sharma	
11. Dr. Sapna Gambhir	12. Ms. Mamta Mahiya	
13. Ms. Shikha Gupta		

The Computer Centre in the Department is well-equipped with more than 660 computers and possesses state of art equipment. The department is actively engaged in research work in broad area of Fuzzy Expert Systems, Internet Technology, Nature Language Processing and Network Technology.

Department of Mechanical Engineering

The Department besides conducting B.Tech.Course in Mechanical Engineering and Ph.D. Course is also offering M.Tech. Programme in Mechanical Engineering with specialization in Manufacturing Technology and Automation from the academic year 2003-04. The department has well-equipped labs/workshops. The department has highly qualified and experienced faculty as given below (List is in Alphabetic order in a cadre):

	Professor
1. Dr.Tilak Raj, Chairperson	2. Dr. Arvind Gupta
3. Dr. Hari Om	4. Dr.Lakhwinder Singh
5. Dr.M.L. Aggarwal	6. Dr. Navdeep Malhotra
7. Dr. Raj Kumar	8. Dr. Sandeep Grover
9. Dr. Vikas Kumar	10. Dr.Vikram Singh

Associate Professor		
1.Sh. Naresh Yadav	2. Dr. Niranjan Lal Mangla	
3. Dr. Sanjeev Kumar	4. Dr. Vasdev Malhotra	

Assistant Professor		
1. Dr. Bhaskar Nagar	2. Sh.Bhupinder Singh	
3. Sh.Krishan Kumar	4. Dr. Mahesh Chand	
5. Sh. Mukesh Gupta	6. Dr. Nikhil Dev	
7. Sh. Nitin Panwar	8. Dr.O.P.Mishra	
9. Ms. P.N. Sandhya	10. Dr.RajeshAttri	
11. Dr. Rajeev Saha	12. Sh. Sanjay Kumar	
13. Dr. Sanjeev Goyal	14. Dr. Shefali Trivedi	
15. Sh. Surender Singh		

The Department is actively engaged in research work in the broad area of Design of Mechanical Equipment, Design & Manufacturing, Thermal, Energy conservation, TQM, Service Quality, Computer Integrated Manufacturing, Computer Aided Engineering, Just in Time, etc.

Department of Electrical Engineering

The Department besides conducting Ph.D. and B.Tech.Courses in Electrical Engineering, Department is offering M.Tech. Programme in Electrical Engineering (with specialization in Power Systems) from the academic year 2013. The Department has well-equipped labs/workshops. The Department has qualified and experienced faculty as given below (List is in Alphabetic order in a cadre):

_	_	
	POTOCCOI	ř
	rofessoi	

1. Dr. Rajesh Kumar Ahuja

2. Dr. P.R. Sharma

Chairperson

Associate Professor

1. Dr. Anju Gupta

2.Dr. Poonam Singhal

Assistant Professor		
1.Ms.AnubhaGautum	2. Sh. Atma Ram	
3.Sh.Nitin Goel	4. Ms. Rachna	
5.Dr. Rashmi Jain	6. Dr.Sakshi Kalra	
7.Sh. Satwinder	8. Ms. Shakuntla	
9.Ms. Shipra Agarwal	10. Sh.V.K.Sharma	

The Department is actively engaged in research work in broad areas of FACTS Devices, Power Systems and Power Quality.

Department of Electronics Engineering

The Department besides conducting Ph.D. and B.Tech. Course in Electronics& Instrumentation Control Engg., Electronics & Communication Engg., is offering M.Tech. Programme in Electronics & Communication Engg. from the academic year 2008-09, VLSI Tech & Electronics & Instrumentation in 2010 respectively. The Department has well-equipped labs/workshops. The Department has qualified and experienced faculty as given below (List is in Alphabetic order in a cadre):

Professor

1.Dr. Munish Vashishath, Chairperson

2. Dr. S.K. Aggarwal

Associate Professor

1. Dr. Aarti M. K

2. Dr. Neelam Turk

3. Dr. Pradeep Kumar

Assistant Professor

- 1. Ms.Archana Agarwal
- 3. Sh.BalKishan
- 5. Sh.Dushyant Kumar Shukla
- 7. Ms. Neetu Gupta
- 9. Ms.KalpanaSheokhand
- 11. Ms.Preet Kaur
- 13. Ms. Rashmi Chawla
- 15. Dr. Shailender Gupta
- 17. Ms.Sonam Khera
- 19. Sh. Vinod Kr. Rathore
- 21. Sh. Sunil Jadav
- 23. Ms. Nisha Yadav

- 2. Ms. Archana Aggarwal
- 4. Sh.Bharat Bhushan
- 6. Sh.Lalit Rai
- 8. Ms. Nitin Sachdeva
- 10. Sh.Prashant Kumar
- 12. Ms. Priyanka
- 14. Dr. Sheilza Jain
- 16. Ms.SangeetaDhall
- 18. Ms. GunjanSardana
- 20. Ms. Manju Kumari
- 22. Ms. Nisha Goval
- 24. Mr.Kamal Deep Singh Malik

The Department is having software like MATLAB, LABVIEW, TCAD Silvaco, Tanner EDA, ISE Xilinix, HFSS, ALTIUM Designer, Flow Code for research related work.

Faculty & Department of Management Studies

The Department of Management Studies was started in 2008. The Department has qualified and experienced faculty as given below (List is in Alphabetic order in a cadre):

Dr.Arvind Gupta <i>Chairperson</i>	
Associate Professor	
1.Dr. Manisha Singla	2. Dr.Rachna Agarwal

Assistant Professor

1. Ms. Anushree Chauhan 2. Ms. Jyotsana

3. Ms. Neha Goyal 4. Dr. Rajiv Sindwani

5. Dr.Renu Aggarwal 6. Ms. Rupali Madan

The Department is having software like SPSS, MATLAB etc. for research related work.

Faculty & Department of Humanities Applied & Sciences

The Department started M.Sc. Courses in Math & Physics w.e.f. 2010.From the Session 2016-17, the Department has introduced M.Sc. (Chemistry), M.Sc. (Environmental Sciences) and M.A. (Journalism & Mass Communication). The Department is having qualified and experienced faculty as given below(List is in Alphabetic order in a cadre):

	Dr. Raj Kumar <i>Chairperson</i>							
	Assistant Professors in Physics							
1. Dr	. Anuradha Sharma	2. N	1s. Aarti					
3. Ms	s. Geetanjali	4. C	Or. Maneesha Garg					
5. Dr	. M.K. Yadav	6. D	Dr.Praveen Kumar Goel					
7. Dr	r. Sandeep Kumar Garg	8. C	Dr. Sonia Bansal					
	Assistant Professors in Maths							
9. M	9. Ms. Dimpy Chauhan 10. Ms. Jyoti Grover							
11. [11. Dr. Neetu Gupta 12. Ms. Nisha Singh							
13. [Dr. Reena Garg							
	Assistant Profe	ssors .	in Chemistry					
14.	Dr. Aman Bhardwaj	15.	Ms. BinduMangla					
16.	Dr. Chanchal	17.	Dr. Neetu Singh					
18.	Dr. Sita Ram							
	Assistant Professors in	n Envi	ronmental Sciences					
19.	Dr. Ashwani Sharma	20.	Dr. Monika Jain					
21.	Dr. Renuka Gupta							
A	Assistant Professors in Journalism & Mass Communication							
22.	Ms. Amandeep Kaur	23.	Ms. Hemlata Aggarwal					
24.	Dr. TarunaNarula							
	Assistant Professor in English							
25.	Dr. Divyajyoti							

CHAPTER - 4

ELIGIBILITY CRITERIA FOR UG/PG COURSES

Department of Information Technology & Computer Application

Name of Course		Branch	Eligibility Criteria*
Master in Computer Application	i.	MCA	Pass in any recognized Bachelor's Degree of minimum 3 Yrs duration with Mathematics at 10+2 level. OR
Аррисаціон			Pass in any recognized Bachelor's Degree of minimum 3 Yrs duration with Mathematics as one of the subjects. OR Should be pass in BCA Degree of minimum three years duration from a recognized University. Obtained at least 50% (47.5% in case of candidate belonging to SC/ST category) in the qualifying Examination. Note: Candidates having passed Mathematics / Statistics in one semester / in one year as the case may be shall be considered eligible for MCA. The entry criterion for the course will be as per the decision of admission committee of the University. In general the admission process will be as per the Haryana State Guidelines.
Master in Computer Application (Lateral Entry)	ii	MCA	The minimum eligibility condition for admission to the course shall be as follows: Recognized Bachelor Degree in BCA /B.Sc. (IT /Computer) of minimum three years duration from a recognized university with Math at 10+2 level or at Graduation level. The candidate must have clearly passed with an aggregate of 50% marks (47.5% for SC/ST candidates) at graduation level. Result awaited candidates need not to apply. The admission would be made on the basis of merit of qualifying examination.
M.Tech.	iii	Technology	B.E./B.Tech in Information Technology / Computer Engg. /Computer Sc. / Computer Sc & Engg. / Computer Technology/ MCA (Master in Computer Applications) or equivalent degree in relevant branch with minimum 55% marks in qualifying degree (52.75% marks in qualifying examination for SC / ST) from recognized University / Institution.
B.Tech.	iv	Information Technology	As per HSTES norms

Department of Computer Engineering

Name of Course		Branch	Eligibility Criteria*		
	i.	Computer	B.E./B.Tech in Computer Engg. /Computer Sc. /		
		Engineering	Computer Sc & Engg. / Computer Technology/		
	ii.	Networking	Information Technology / MCA (Master in Computer		
M.Tech.		Engineering	Applications) or equivalent degree in relevant branch		
_		(Computer	with minimum 55% marks in qualifying degree		
		Networking)	(52.75% marks in qualifying examination for SC / ST)		
			from recognized University / Institution.		
B.Tech.		Computer	As per HSTES norms		
		Engineering			

Department of Electrical Engineering

Name of Course		Branch	Eligibility Criteria*
M.Tech.	-	Drive	B.E./B.Tech in Electrical Engg./ Electrical & Electronics or equivalent degree in relevant branch with minimum 55% marks in qualifying degree (52.75% marks in qualifying examination for SC / ST) from recognized University / Institution
B.Tech.	ii	Electrical	As per HSTES norms

Department of Electronics & Communication Engineering

Name of Course		Branch	Eligibility Criteria*	
M.Tech.	i.	Electronics &	B.E./B.Tech in Electronics Engg./ Electronics and	
		Communication	Control/Electronics, Instrumentation &	
	ii.	Electronics &	Control/Electrical & Electronics/Electronics &	
		Instrumentation	Communication Engg. Or equivalent degree in	
	iii.	VLSI	relevant branch with minimum 55% marks in	
			qualifying degree. (52.75% marks in qualifying	
			examination for SC / ST) from recognized University	
			/ Institution.	
B.Tech.	i.	Electronics &		
		Communication	As per HSTES norms	
	ii.	Electronics		
		Instrumentation		
		& Control		

Department of Mechanical Engineering

Name of Course		Branch	Eligibility Criteria*		
M.Tech.	i	Technology and Automation	B.E./B.Tech in Mech. Engg./ Production Engg./ Industrial Engg./ Mechatronics Engg. /Automobile Engg. Or equivalent degree in relevant branch with minimum 55% marks in qualifying degree (52.75% marks in qualifying examination for SC / ST) from recognized University / Institution.		
B.Tech.	ii	Mechanical Engineering	As per HSTES norms		

Department of Humanities & Applied Sciences

Name of Course		Branch	Eligibility Criteria*	
	i.	M.Sc. (Physics)	B.Sc./B.Sc. (Hons.) with 50% marks in aggregate (47.5% for SC/ST) with Physics as regular subject at graduation level from a recognized Univ./Institute.	
Magtay of	ii.	M.Sc. (Maths)	B.Sc/B.Sc. (Hons.)/B.A./B.A. (Hons.) with 50% marks in aggregate (47.5% for SC/ST) with Mathematics as regular subject at graduation level from a recognized Univ./Institute.	
Master of Science	iii.	M.Sc. (Chemistry)	B.Sc./B.Sc. (Hons.) with 50% marks in aggregate (47.5% for SC/ST) with Chemistry as regular subject at graduation level from a recognized Univ./Institute.	
	iv.	M.Sc. (Environmental Sciences)	Bachelor's degree (B.Sc. or B.Tech or equivalent) in any branch of Science/Engineering/Technology/Agriculture with 50% marks in aggregate (47.5% for SC/ST) from a recognized Univ./Institute.	
Master of Arts		Journalism & Mass Communication	Graduate in any discipline with 50% marks in aggregate (47.5% for SC/ST) from a recognized Univ./Institute.	
Bachelor of Science		B.Sc. (Physics Honours)	Passed 10+2 or equivalent Examination securing a minimum of 50% marks in the aggregate(47.5% for SC/ST) in the subjects Physics, Mathematics and Chemistry and must have passed in each of the concerned three subjects (as supported by the Certificate issued by the recognized examining body). Result awaited candidates need not to apply.	

Department of Management Studies

Name of Course		Branch	Eligibility Criteria*
Master of	i.	MBA	The minimum eligibility condition for admission
Business		(specialization in	to the course shall be as follows:
Administration		Financial	Recognized Bachelor Degree in any stream of
		Management,	minimum three years duration from a
		HR	recognized university. The candidate must have
		Management,	clearly passed with an aggregate of 50% marks
		and Marketing	(47.5% for SC candidates) at graduation level.
		Management	Students appearing in the final year of
	ii.	MBA	graduation are also eligible to apply for the
		(specialization in	admission in MBA. The admission will be
		Retail	admissible to those candidates who have the
		Management,	result declared on the day of admission having
		Supply Chain	the passing certificate. Otherwise his / her
		Management,	application will not be considered for
		E-commerce and	admission.
		Travel &	
		Tourism)	

NOTE: * 1st August 2017 is last date for submission of result of qualifying exam for the courses where entrance test is the basis of the admission.

For other Courses such as MCA (leet)/Bsc/M.Tech final result of qualifying exam is mandatory on the day of Counselling.

For M.Tech students who have appeared in final semester examination and having Valid gate score are eligible to apply, subject to the condition that they will submit their final results by 1st August 2017. In case candidate fails to submit final result by 1st August 2017, admission automatically stands cancelled

CHAPTER -5

FEE DETAILS STRUCTURE / FEE CONCESSION AND NON-PAYMENT OF FEE

Fee & other Charges

- (i)After the result of each counseling at HSTES, the candidate shall report at YMCAUST, Faridabad along with the provisional allotment letter generated from the Website of HSTES and other required documents as mentioned in the Application Form attached with this brochure as per "KEY DATES". The joining shall be deemed to be confirmed where the candidate must get an online provisional admission slip. For admission in YMCAUST, if a candidate fails to deposit the fee at the time of admission, in the form of Demand Draft drawn in favour of "Registrar, YMCAUST, Faridabad", payable at Faridabad the candidate will not be admitted.
- (ii)The admitted candidates will be responsible themselves about the eligibility and correctness of certificates provided by them for the admission. In case any information/ certificate is found to be false at any stage, the admission shall be cancelled and all fees will be forfeited.

Admission fee/charges at the time of reporting/admission/counseling

Admission Fee (Including First Semester Fee) is to be deposited at the time of reporting/admission by all candidates in the form of Demand Draft in favour of "Registrar, YMCAUST Faridabad." The candidates must bring Demand Draft issued by a bank of the amount mentioned in next para.

Fee details for payment of B.Tech./B.Tech.(LEET)/M.Tech/MBA/MCA/MCA (LEET).

DD amounting to

- (i) Rs. 41,980/- for B.Tech./B.Tech.LEET & M.Tech. courses,
- (ii) Rs.51,680/- for MBA courses and;
- (iii) Rs.46,680/- for MCA & MCA (LEET) courses in favour of "Registrar, YMCAUST, Faridabad" payable at Faridabad.

Fee details for payment of M.Sc. /M.A. / B.Sc. Courses.

DD amounting to Rs. 28,100/- in favour of "Registrar, YMCAUST, Faridabad" payable at Faridabad.

Fee details for payment of course B.Tech. for the candidates admitted by HSTES under TFW Category.

DD amounting to Rs. 16,680/- in favour of "Registrar, YMCAUST, Faridabad" payable at Faridabad.

FEE DETAILS FOR PAYMENT AT THE TIME OF ADMISSION FOR B.TECH./B.TECH.(LEET) & M.TECH. COURSES

Sr. No	Туре	Amount (in Rs.)
1	TUITION FEE (Per semester)	25,300/-
2	DEVELOPMENT FEE	4,500/-
3	ADMISSION CHARGES/FEES* (Non-Refundable and one time to be paid at the time of admission only)	3,715/-
4	SECURITY DEPOSITS(Rs. 5,000/- Library Security and Rs. 2,000/- University Security, Refundable and one time to be paid at the time of admission)	7,000/-
5	Magazine & Newsletter etc. (one time for the entire duration of course)	465/-
6	Exam. Fee for one semester	1000/-
	TOTAL (to be paid in form of Demand Draft in favour of "Registrar, YMCAUST, Faridabad" payable at Faridabad)	41,980/-

FEE DETAILS FOR PAYMENT AT THE TIME OF ADMISSION FOR MBA COURSE

Sr. No	Туре	Amount (in Rs.)
1	TUITION FEE (per semester)	35,000/-
2	DEVELOPMENT FEE	4,500/-
3	ADMISSION CHARGES/FEES*	3,715/-
	(Non-Refundable and one time to be paid at the time of admission only)	
4	SECURITY DEPOSITS(Rs. 5,000/- Library Security and Rs. 2,000/- University Security, Refundable and one time to be paid at the time of admission)	7,000/-
5	Magazine & Newsletter etc. (one time for the entire duration of course)	465/-
6	Exam. Fee for one semester	1000/-
	TOTAL (to be paid in form of Demand Draft in favour of "Registrar, YMCAUST, Faridabad" payable at Faridabad)	51,680/-

FEE DETAILS FOR PAYMENT AT THE TIME OF ADMISSION FOR MCA & MCA (LEET) COURSES

Sr. No	Туре	Amount (in Rs.)
1	TUITION FEE (per semester)	30,000/-
2	DEVELOPMENT FEE	4,500/-
3	ADMISSION CHARGES/FEES* (Non-Refundable and one time to be paid at the time of admission only)	3,715/-
4	SECURITY DEPOSITS(Rs. 5,000/- Library Security and Rs. 2,000/- University Security, Refundable and one time to be paid at the time of admission)	7,000/-
5	Magazine & Newsletter etc. (one time for the entire duration of course)	465/-
6	Exam. Fee for one semester	1000/-
	TOTAL (to be paid in form of Demand Draft in favour of "Registrar, YMCAUST, Faridabad" payable at Faridabad)	46,680/-

FEE DETAILS OF PAYMENT FOR M.Sc., M.A. & B.Sc. COURSES (all Branches)

Sr. No.	Туре	Amount (in Rs.)
1	TUITION FEE (per semester)	11,500/-
2	DEVELOPMENT FEE	4,500/-
3	ADMISSION CHARGES/FEES* (Non-Refundable and one time to be paid at the time of admission only)	3,715/-
4	SECURITY DEPOSITS(Rs. 5,000 Library Security and Rs. 2,000 University Security, Refundable and one time to be paid at the time of admission)	7,000/-
5	Information Brochure and Magazine etc. (one time for the entire duration of course)	465/-
6	Exam. Fee for one semester	1000/-
	TOTAL (to be paid in form of Demand Draft in favour of "Registrar, YMCAUST", Faridabad" payable at Faridabad)	Rs. 28,180/-

Notes:

The Semester fee: Tuition fee —Rs.25,300/-(Rs.11,500/- for M.Sc., Rs.35,000/-for MBA &Rs.30,000/- for MCA) per semester, Development fee-4500/-sem, Admission charges/Fees:(SAF-1265/ Y, HHF-20/Y Registration Fee-1000/-(one time), I-Card-100/-, Dr. Radha Krishnan Fund-70/Y, Youth Red Cross Society-Rs.60/-University Development charges=1000/-, Admn. Processing charge=Rs.200/-) Security Charges: (University security-2000/-, Library security-5000/-) Hostel and mess charges are extra and applicable for hostellers only.

FEE FOR TFW CATEGORY IS MENTIONED BELOW (FOR B.TECH.)

Sr.	Туре	Amount (in Rs.)
1.	Development Fee	4,500/-
2.	Admission Charges / Fee* (Non-Refundable and one time to be paid at the time of admission only)	3,715/-
3.	Security Deposits (Rs. 5,000/- Library Security and Rs. 2,000/-University Security, Refundable and one time to be paid at the time of admission)	7,000/-
4.	Exam fee/sem.	1000/-
5.	Information Brochure and Magazine etc. (one time for the entire duration of course)	465/-
	TOTAL (to be paid in form of Demand Draft in favour of "Registrar, YMCAUST", Faridabad" payable at Faridabad	16,680/-

^{*}Admission charges/Fees includes SAF-Rs. 1,265/Y, HHF -Rs. 20/Y, Registration Fee- Rs. 1,000/- (one time), I-card - Rs.100/-, Dr. Radha Krishnan Fund -Rs. 70/-, Youth Red Cross Society- Rs. 60/- Y, YMCA University Dev. Charges Rs. 1,000/-, Processing Charge Rs. 200/-.

Notes:

- 1. Hostel and mess charges are extra and applicable for hostellers only.
- 2. All above mentioned charges are to be paid by candidates who are admitted through Physical counseling also.
- 3. If a student withdraws his / her admission, the refund will be made as per HSTES norms for Technical Courses.

Hostel Charges for Hostellers only

1. Hostel charges of Rs. 6,800/- payable in the form of DD in favour of "Registrar, YMCAUST, Faridabad" payable at Faridabad.

Detail:

PARTICULARS		AMOUNT
Hostel Rent	:	Rs.3000/- per annum
Electricity Charges	:	Rs.1400/- per annum
Water Charges	:	Rs.100/- per annum
Arrangement Fee	:	Rs.1500/-per annum
Hostel Security[one time (refundable)]	:	Rs.800/-
	Total	Rs.6800/-

2. Mess charges of Rs. 6,005/- for boys and Rs.4982/- for girls payable in form of DD in favour of "Chief Hostel Warden, YMCAUST, Faridabad" payable at Faridabad.

Detail:

PARTICULARS		for boys	for girls
Mess Bill (Advance Mess Bill to be	:	Rs.3255/-	Rs.2232/-
adjusted in last working month)			
Facility, Maintenance Charges (per	:	Rs.1250/-	Rs.1250/-
semester)			
Mess Security(one time payment)		Rs.1000/-	Rs.1000/-
Mess Establishment Fund (per	:	Rs.500/-	Rs.500/-
annum)			
	Total	Rs.6005/-	Rs.4982/-

Note:

For the refund of Hostel Fee / Charges the applicant has to submit an application in Diary Section and take a receipt.

Hostel Allotment Schedule

All the students (boys & girls) will come along with the desired hostel fee and
mess fee in the form of DD in favour of Registrar, YMCA UST, Faridabad on the
day of allotment along with hostel allotment form (as Appendix-C) or can be
downloaded from the YMAUST website www.ymcaust.ac.in Incomplete hostel
form in any respect will not be entertained.

Fee Concession

As approved by the Executive Council of the University, 50% fee concession is granted for studies in all courses of the University to the employees and their wards.

Cancellation of Admission & Refund of Fee

All applications of cancellation of admission in any course should be entered in University diary register and the date of diary should be mentioned by the Diary Section. Students in their own interest are advised to submit his/her application for cancellation of his/her admission personally in the University Diary Section and get a signature on the duplicate copy. The Date of University Diary number will be final for refund of dues, if any. The refund will be processed as per the instructions of HSTES. Further, it is for information of students who opt hostel and deposit hostel fee for one year with University, in case, he/she asks to refund hostel fee/other charges and is not interested to stay in the hostel, he/she should apply for refund of hostel fee up to start of classes of 1st Semester/as the case may be, he/she will be refunded full hostel fee and other charges. If, the candidate applies for refund of hostel fee and other charges after start of University classes/start of semester, only 50% of the hostel fee and other charges will be refunded.

The HSTES guidelines will be followed to refund the fee in case student leaves before or after joining the course which are as under:

"In the event of a student / candidate withdrawing before the starting of the course, the waitlisted candidates will be given admission against the vacant seat. The entire fee collected from the student, after a deduction of the processing fee of Rs.1,000/- will be refunded. In case, a student leave after joining the course and if the seat consequently falling vacant has been filled by another candidate

by the last date of admission, then the fee collected with proportionate deductions of monthly fee and proportionate hostel rent where applicable will be refunded." In case of any ambiguity, HSTES guidelines for fee refund will be followed.

For refund of fee deposited in the University at the time of admission, candidate has to give the refund application to the University well within time and get a receipt of the same from the University.

Non-payment of Charges & Fee

- i) The name of student shall be struck off from rolls of the University as soon as his/her fee and charges are in arrears for more than a month and he/she will be debarred from attending classes in the University. Such a student whose name stands struck off from the rolls of the University may be re-admitted at the discretion of the Vice-Chancellor, on the payment of all arrears dues from him/her along with late fee/fine of Rs. 20/- per day and re-admission fee of Rs. 5000/- in the same semester. Re-admission is also permitted in the same semester in the next session only with lump sum fine Rs. 2500/- + re-admission fee Rs. 5000/- under any circumstances.
- ii) Any student who is detained due to a shortage of attendance/ or any other reason must apply to join classes 15 days before the start of classes, failing which no application to join classes will be entertained. Student herself / himself will be responsible.
- iii) The amount of security deposited by the students is refundable after their passing or leaving the course from the University. In case any student fails to deposit "No Dues Certificate" within a period of one and a half year of leaving/declaration of his/her result, his/her security would stand forfeited.

SCHOLARSHIPS/STIPENDS RE-IMBURSEMENT OF TUITION FEE TO STUDENTS

- A. (i) In the scheme of Technical Education Department benefit is available to SC students admitted through Central Counseling only and whose parents/guardians income from all sources does not exceed Rs.2.50 Lacs per annum. In this scheme only the tuition fee is reimbursable and the maximum ceiling of fee reimbursable for Degree Programmes is Rs.40,000/- or the actual fee whichever is less subject to obtain 70% attendance in each semester.
 - (ii) BC students whose father's income is not more than Rs. 1,00,000/- per annum will also be provided BC post Matric Scholarship by the District Welfare Officer, Haryana as per state Govt. Instructions issued from time to time.

Forms for such Scholarships are filled in the month of August / September of every year.

- B. For grant of **Merit-cum-Means Scholarship** for B.Tech./MCA/MBA students. 15% of the sanctioned strength of B.Tech./MCA/MBA courses are eligible for grant of Merit-cum-Means Scholarship for B.Tech./MCA/MBA students @ Rs.750/- p.m.
 - Performance and attendance standards shall be as per University rules or decided by competent authority from time to time. (The above scholarships are for candidates belonging to Haryana and admitted through central counseling only)
- C. MOB scholarship (Merit-cum-Means): The MOB (Alumni of Association of YMCA University) contributed scholarship under the title MOB scholarship (Merit-cum-Means) for the students of PG / UG courses from the year 2017. The notice for this scholarship is issued in the month of February every year.

D. University Medals:

The following Medals will be awarded to the students of the University:-

Sr. No.	Particulars	Entitlement	Amount	Number of students
1	Governor's/Chancell or's Gold Medal	Overall B.Tech. academic topper student (final year)	Rs.75,000/- + Medal + Certificate	01
2	Chief Minister's Gold Medal	Overall B.Tech. academic topper girl student (final year)	Rs.65,000/- + Medal + Certificate	01
3	Vice-Chancellor's Gold Medal	B.Tech. student(final year) on the basis of his / her performance on merit as well as other extra & co-curricular activities	+ Medal +	01
4	Dean of Respective Faculties (DEAN MERIT CERTIFICATES)	Toppers of each semester branch-wise / course wise for B.Tech./MCA/MBA/M.Tech. /M.Sc. Courses	Rs.2,500/- + Certificate	98

NOTE:-

- 1. If a girl student gets the Chancellor's Gold Medal then Chief Minister's Gold Medal will be given to the next topper amongst the girl students.
- 2. One student will get only one such prestigious award.
- 3. For Sr.No.3 of University Medals chart, due weightage will be given to academics and extra/co-curricular activities and criteria for this would be predecided by a Committee constituted for the same.

In addition to above, Medal and Certificate will be awarded to the toppers of PG courses. The details of above -selected students will be displayed on the University website.

E. A few scholarships are also awarded by various Charitable Bodies/ Trust/Industrial Houses, viz; RKM Scholarship, Indian Oil Scholarship, DLF Raghvendra Scholarship, National Handicapped Finance and Development Corporation, Vishwa Prakash Mission.

DISTRIBUTION FOR SEATS FOR VARIOUS COURSES

The reservation policy notified by the State Government Haryana is applicable to various UG/PG courses in the University.

ADMISSION CALENDAR

			PG C	OURSES			UG COURSES	
	M.Tech (All Courses)	MCA (LEET)	MCA	МВА	MSc (All Courses)	M.A (Journali sm & Mass Commun ication)	B.Tech. (all courses)*	B.Sc. (Physics Honours)
Opening of Online Application Portal Closing of Online Application Portal	20 th June 2017 21 st July 2017	20 th June 2017 21 st July 2017	10 th June 2017 4 th July 2017	June 2017 4 th July 2017	10 th June 2017 4 th July 2017	10 th June 2017 4 th July 2017	*Admissions to B.Tech. (all branches) and B.Tech. (LEET) (all branches) is done by HSTES, Panchkula. The dates mentioned for	10 th June 2017 4 th July 2017
Download of Admit Card			6 th July 2017	6 th July 2017	6 th July 2017	6 th July 2017	these courses are tentative. Updated information is	
Date of Entrance Test			8 th July 2017 From 10.00 am to 11.30 am		8 th July 2017 (Physics) from 2.00 pm to 4.00 pm		available at hstes website: www.hstes.org.in/ www.techeduhry.go v.in / www.techadmission shry.gov.in	
				9 th July 2017 From 10.00 am to 11.30a m	9 th July 2017(Mat hs) from 2.00 pm to 4.00 pm			
					15 th July 2017 (Chemist ry) from 2.00 pm to 4.00 pm			
					16 th July 2017 (EVS [#]) From 10 am to 12 pm	16 th July 2017 from 2.00 pm to 4.00 pm		
Display of Merit List	25 th July 2017	25 th July 2017	12 th July 2017	12 th July 2017	17 th July 2017	17 th July 2017		17 th July 2017

1 st Counselling	28 th July 2017	29 th July 2017	13 th July 2017	14 th July 2017	19 th July 2017 (Chemist ry) 20 th July 2017 (Physics) 21 st July 2017 (Maths) 24 th July 2017 (EVS#)	24 th July 2017		25 th July 2017
2 nd Counselling	4 th August 2017	5 th August 2017	24 th July 2017	25 th July 2017	2 nd August 2017 (Chemist ry) 2 nd August 2017 (Physics) 3 rd August 2017 (Maths) 3 rd August 2017	3 rd August 2017		6 th August 2017
New Advertisem ent (If required)	9 th August 2017	9 th August 2017	9 th Augu st 2017	9 th August 2017	(EVS [#]) 9 th August 2017	9 th August 2017		
3 rd Counselling (if seat remains vacant)	11 th August 2017	11 th August 2017	11 th Augu st 2017	11 th August 2017	11 th August 2017	11 th August 2017		11 th August 2017
4 th or Subsequent Counselling (if seat remains vacant)				Date	es will be n	otified late	er on.	

^{*}Admissions to B.Tech. (all branches) and B.Tech. (LEET) (all branches) is done by HSTES, Panchkula. The dates mentioned for these courses are tentative. Updated information is available at hstes website:

www.hstes.org.in/ www.techeduhry.gov.in / www.techadmissionshry.gov.in

ON-LINE FILLING OF APPLICATION FORM

HOW TO APPLY

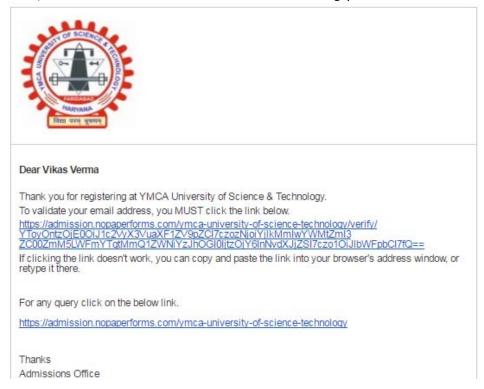
- 1. The candidates are advised to read the Prospectus carefully before filling the online Application Form.
- 2. The University has adopted online procedure for admission. The Prospectus can, however, be downloaded free of cost from the University Website www.ymcaust.ac.in.
- 3. Change in programme or category, once opted for the purpose of admission, will not be allowed. The category and programme opted in the Online Application for admission shall be the basis for this purpose.
- 4. The candidates claiming the benefit of reservation shall submit a certificate to this effect from the competent authority. Refer to Annexure I to XII or instructions and formats of certificates.
- 5. Other instructions regarding filling up and online submission of application for admission are available on admission portal.

Steps to be followed in filling online application form

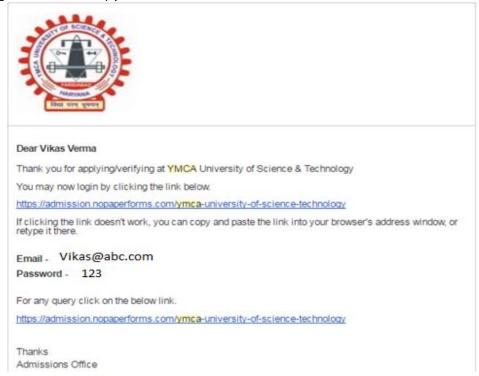
- 1. When you fill Online Application, you should have the following documents with you.
 - (a) Your Mobile Number.
 - (b) Your Email id.
 - (c) Scanned copy of your documents pertaining to your personal details and academic records.
 - (d) Scanned copy of passport size photograph, signature.
- 2. While Registering, please give your correct mobile number and email address because all the correspondence from Admission Authority will be made to your Mobile number or on your Email Id.
- 3. Fill in the required information and click on Register.



4. You will receive an email containing an activation link on your email id which you have registered; You will have to click on that link to start filling your admission form.



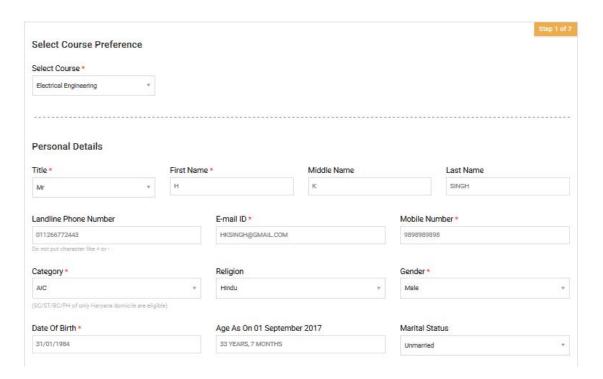
5. After activation of the application link, you will receive user ID and password on your registered email ID, please store it for future reference.



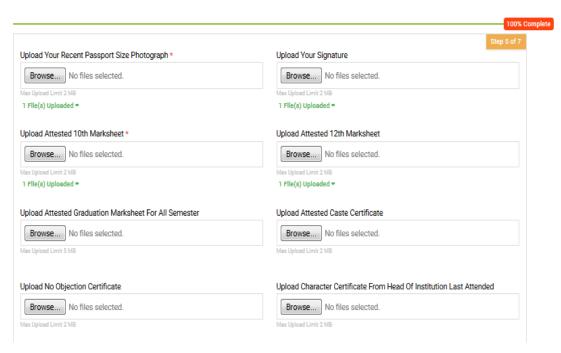
6. Click on **Already Registered** button and fill in your registered email id and password to login.



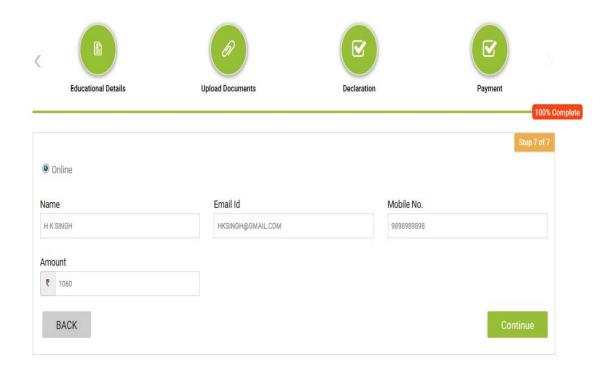
7. Fill in your particulars Like Course Preference (if any), Personal Details, Parents Details, Address Details, and Educational Details etc.



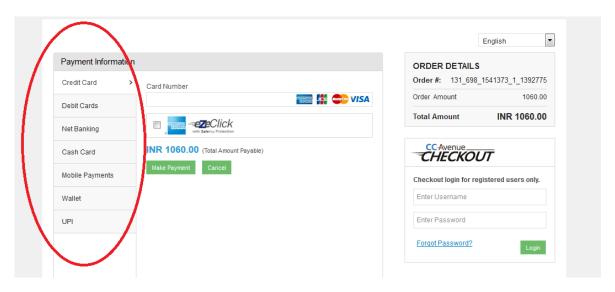
8. Upload the soft/scanned copy of your photograph, signature, relevant documents in jpg/jpeg format and click on **NEXT.**



9. Click on continue to make the payment.



10. Select your payment method i.e. Credit Card, Debit Card, Net Banking, Wallets etc and make the payment of application fees.



SCHEME & SYLLABUS / COURSE CONTENT FOR ENTRANCE TEST

Department of Information Technology & Computer Application

Course: MCA

SCHEME OF ENTRANCE TEST:

i. Maximum marks: 90

ii. There will be one Question Paper of 90 minutes duration in three parts as under:

Part	Subject	Nos. of	Marks
		Questions	Distribution
Part-I	Mathematical Ability	50 Questions	50 Marks
		(1-50)	
Part-II	Logical and Analytical Ability	20 Questions	20 Marks
		(51-70)	
Part-III	English/Comprehension	20 Questions	20 Marks
		(71-90)	

iii. Only objective type / multiple-choice questions with one correct answer will be asked in the Entrance Test.

iv. There will "NOT" be any Negative marking.

Course	Syllabus / Course content
MCA	10+2 Level Mathematics and English / Comprehension. Besides, questions will be asked to test Logical & Analytical Ability.

Department of Management Studies

The test shall be of comprising of multiple choice questions. The duration of the test shall be one and half hour. There shall be no negative marking.

Course	Syllabus / Course content							
MBA	The syllabus and pattern of entrance test for admission to MBA entrance test shall							
(all	be similar to other national level management admission tests such as MAT,							
branches)	CMAT etc.							
,	Quantitative Techniques and Data Interpretation - 25 marks							
	Logical Reasoning - 25 marks							
	General English - 25 marks							
	General Awareness - 25 marks							

Department of Humanities & Applied Sciences

Scheme for M.Sc. (all branches of the course)/M.A. (Journalism & Mass Communication)

The eligible applicants will have to appear in the M.Sc./M.A. Entrance Test as per the given schedule. This test will be of 2 hours duration having 80 questions of one mark each. 24 Questions will be from **Part-A** (**General**) and 56 Questions will be from **Part -B** (**subject specific**) with no negative marking.

Course	Syllabus / Course content
M.Sc. (all	Part – A
courses)	General knowledge and Analytical Skills questions for all M.Sc.(all
& M.A	branches)/M.A. (Journalism & Mass Communication) courses.
(Journalis	(24 Questions of one mark each)
m & Mass	Questions to test analytical, reasoning capability and English of candidates.
Communi	
cation)	
M.Sc.	Part - B
(Physics)	Syllabus for M.Sc Physics Entrance Test
	(56 Questions of one mark each)
	Mechanics and Waves
	Newton's laws of motion and applications, variable mass systems, projectiles. Rotational dynamics-kinetic energy, angular momentum, theorems of moment of inertia. Conservative forces, frictional forces. Gravitational potential and intensity due to spherical objects. Central forces, Kepler's problem, escape velocity and artificial satellites. Streamline motion, viscosity, Applications of Bernoulli's equation and Stokes' law. Simple harmonic motion, Lissajous figures. Damped oscillation, forced oscillation and resonance. Beats, Phase and group velocities. Longitudinal waves in solids. Doppler effect. Ultrasonic and their applications. Geometrical and Physical Optics Laws of reflection and refraction from Fermat's principle. Matrix method in paraxial optics- thin lens formula, nodal planes, system of two thin lenses. Chromatic and spherical aberrations. Huygens' principle-reflection and refraction of waves. Interference of light-Young's experiment, Newton's rings, interference by thin films, Michelson interferometer. Fraunhoffer diffraction-single slit, double slit, diffraction grating, resolving power. Production and detection of linearly, circularly and elliptically polarised light. Double refraction, quarter-waves plates and half-wave plates. Optical activity and applications. Elements of fibre optics-attenuation, pulse dispersion in step index and parabolic index fibres; material dispersion. Lasers, characteristics of laser light-spatial and temporal coherence. Heat and Thermodynamics Thermal equilibrium and temperature. The zeroth law of thermodynamics. Heat and first law of thermodynamics. Efficiency of Carnot engines. Entropy and the second law of thermodynamics. Kinetic theory and the equation of state of an ideal gas. Mean free path, distribution of molecular speeds and energies. Transport phenomena. Andrew's experiments-van der Waals equation and applications. Joule-Kelvin effect and applications. Brownian motion.

Thermodynamic potentials-Maxwell relations. Phase transitions. Kirchhoff's laws. Black-body radiation-Stefan-Boltzmann law, spectral radiancy, Wien displacement law, application to the cosmic microwave background radiation, Planck's radiation law.

Electricity and Magnetism

Electric charge, Coulomb's law, Electric field, Gauss' law. Electric potential, Van de Graff accelerator. Capacitors, dielectrics and polarization. Ohm's law, Kirchhoff's first and second rules, resistors in series and parallel, applications to two-loop circuits. Magnetic field-Gauss's law for magnetism, Atomic and nuclear magnetism, magnetic susceptibility, classification of magnetic materials. Circulating charges, cyclotronand synchrotron. Hall Effect. Biot-Savart law, Ampere's law, Faraday's law of induction, Lenz's law, Inductance. Alternating current circuits-RC, LR, single-loop LRC circuits, impedance, resonance, power in AC circuits. Displacement current, Maxwell's equations.

Atomic, Quantum and Nuclear Physics

Photoelectric effect, Einstein's photon theory. Bohr's theory of hydrogen atom. Stern-Gerlach experiment, quantisation of angular momentum, electron spin. Pauli Exclusion Principle and applications. Zeeman Effect. X-ray spectrum. Compton Effect, Compton wavelength. Wave nature of matter, de Broglie wavelength, wave-particle duality. Heisenberg's uncertainty relationships. Schrodinger's equation-Eigen values and Eigen functions of (i) particle in a box, (ii) simple harmonic oscillator and (iii) hydrogen atom. Natural and artificial radioactivity. Binding energy of nuclei, nuclear fission and fusion. Classification of elementary particles.

Solid State Physics

Crystal structure, X-ray diffraction, Bragg's law, Bonding, covalent, ionic, metallic, Van der Walls bonding, Magnetism, Dia, Para and Ferromagnetism, Hysteresis. Thermal properties, lattice vibrations, Debye model. Band structure, energy band, energy gap, metals, insulators and semiconductors.

Electronics

Diodes in half-waves and full-wave rectification, qualitative ideas of semiconductors, p type and n type semiconductors, junction diode, Zener diode, transistors, Field Effect transistor. Binary numbers, Logic gates and truth table. Two junction devices p-n-p and n-p-n transistors Amplifiers-only bipolar junction transistor, CB, CE and CC configurations. Single stage CE amplifiers Class B pushpull amplifier. Feed back in amplifiers. Operational Amplifiers.

Mathematical Physics

Addition, subtraction and product of two vectors. Polar and axial vectors. Triple and quadruple product. Scalar and vector fields, differentiation of a vector w. r. t. a scalar. Unit tangent vector and unit normal vector. Directional derivatives, gradient, divergence, curl and Laplacian operations. Line, surface and volume integrals. Gauss's, Stokes and Green's theorems. Orthogonal curvilinear coordinates. Derivation of gradient, divergence, Curl and Laplacian in Cartesian, spherical and cylindrical coordinate systems. Change of variables and Jacobian transformations. Evaluation of line, surface and volume integrals. Calculus of Variations. Constrained maxima and minima. Method of Lagrange undetermined multipliers. Euler- Lagrange Equation

Theory of Relativity

Michelson-Morley experiment and its outcome. Postulates of special theory of relativity. Lorentz transformations. Simultaneity and order of events. Lorentz contraction and time dilation. Relativistic transformation of velocity. Velocity dependence of mass and equivalence of mass and energy. Relativistic Doppler Effect. Relativistic kinematics. Transformation of energy and momentum.

M.Sc. (Maths)

Part -B

Syllabus for M.Sc. Mathematics Entrance Test (56 Questions of one mark each)

Algebra

Rank of matrices. Inverse of a matrix. Linear dependence and independence of rows and columns of matrices. Eigen values and Eigen vectors and characteristics of equation. Minimal polynomial of a matrix. Cayley Hamilton theorem and its use in finding the inverse of a matrix. Nature of the roots of an equation Descartes' rule of signs. Solutions of cubic equations (Cardon's method). Biquadratic equations and their solutions. Relations between the roots and coefficients of general polynomial equation in one variable. Solutions of polynomial equations having conditions on roots. Common roots and multiple roots. Transformation of equations.

Calculus

 ϵ - δ definition of the limit of a function. Basic properties of limits, Continuous functions and classification of discontinuities. Differentiability. Successive differentiation. Leibnitz theorem. Maclaurin and Taylor series expansions. Limit continuity and Differentiability of real valued functions of two variables. Partial differentiation. Total Differentials. Composite functions & implicit functions. Change of variables. Homogenous functions & Euler's theorem on homogeneous functions. Taylor's theorem for functions of two variables. Schwarz and Young's theorem. Implicit function theorem. Maxima, Minima and saddle points of two variables. Lagrange's method of multipliers.

Trigonometry

De Moivre's Theorem and its Applications. Expansion of trignometrical functions. Direct circular and hyperbolic functions and their properties. Inverse circular and hyperbolic functions and their properties. Logarithm of a complex quantity. Gregory's series. Summation of Trigonometry series.

Real Analysis

Sequence & Series, Boundedness of the set of real numbers; least upper bound, greatest lower bound of a set, neighbourhoods, interior points, isolated points, limit points, open sets, closed set, interior of a set, closure of a set in real numbers and their properties. Bolzano-Weiestrass theorem, Open covers, Compact sets and Heine-Borel Theorem., Riemann integral, Integrability of continuous and monotonic functions, The Fundamental theorem of integral calculus. Mean value theorems of integral calculus. Improper integrals and their convergence, Comparison tests, Abel's and Dirichlet's tests, Frullani's integral, Integral as a function of a parameter. Continuity, Differentiability and integrability of an integral of a function of a parameter. Definition and examples of metric spaces, neighbourhoods, limit points, interior points, open and closed sets, closure and interior, boundary points, subspace of a metric space, equivalent metrics, Cauchy sequences, completeness, Cantor's intersection theorem, Baire's category theorem, Contraction Principle.

Groups and Rings

Groups, Subgroups and Quotient groups with example and their properties, Normal subgroups, Homoomorphisms, isomophisms, automorphisms and inner automorphisms of a group. Automorphisms of cyclic groups, Permutations groups. Even and odd permutations. Alternating groups, Cayley's theorem, Center of a group and derived group of a group. Introduction to rings, subrings, integral domains and fields, Characteristics of a ring. Ring homomorphisms, ideals (principle, prime and Maximal) and Quotient rings, Field of quotients of an integral domain.

Complex Analysis

Extended Complex Plane, Stereographic projection of complex numbers, continuity and differentiability of complex functions, Analytic functions, Cauchy-Riemann equations. Harmonic functions. Mappings by elementary functions: Translation, rotation, Magnification and Inversion. Conformal Mappings. Mobius transformations. Fixed pints, Cross ratio, Inverse Points and critical mappings.

Linear Algebra

Vector spaces, subspaces, and their properties Quotient space., Linear transformations and linear forms on vector spaces, Vector space of all the linear transformations Dual Spaces, Bidual spaces, annihilator of subspaces of finite dimensional vector spaces, Null Space, Range space of a linear transformation, Rank and Nullity Theorem, Algebra of Linear Transformation, Minimal Polynomial of a linear transformation, Singular and non-singular linear transformations, Matrix of a linear Transformation, Change of basis, Eigen values and Eigen vectors of linear transformations.

Solid GeometrySphere

Plane section of a sphere. Sphere through a given circle. Intersection of two spheres, radical plane of two spheres. Co-axial system of spheres Cones.: Right circular cone, enveloping cone and reciprocal cone. Cylinder: Right circular cylinder and enveloping cylinder. Paraboloids: Circular section, Plane sections of conicoids. Generating lines. Confocal conicoid. Reduction of second degree equations.

Ordinary and Partial Differential Equations

Ordinary simultaneous differential equations. Solution of simultaneous differential equations involving operators x (d/dx) or t (d/dt) etc. Simultaneous equation of the form dx/P = dy/Q = dz/R. Total differential equations. Condition for Pdx + Qdy + Rdz = 0 to be exact. General method of solving Pdx + Qdy + Rdz = 0 by taking one variable constant. Method of auxiliary equations. Linear differential equations of second order: Reduction to normal form. Transformation of theequation by changing the dependent variable/ the independent variable. Solution by operators of non-homogeneous linear differential equations. Reduction of order of a differential equation. Method of variations of parameters. Method of undetermined coefficients. Partial differential equations: Formation, order and degree, Linear and Non-Linear Partial differential equations of the first order: Complete solution, Singular solution, General solution, Solution of Lagrange's linear equations, Charpit's general method of solution. Compatible systems of first order equations, Jacobi's method. Classification of linear partial differential equations of second order. Method of separation of variables: Solution of Laplace's equation, Wave equation, Diffusion (Heat) equation.

Vector Calculus

Scalar and vector product of three vectors, product of four vectors. Reciprocal vectors. Vector differentiation Scalar Valued point functions, vector valued point functions, derivative along a curve, directional derivatives. Vector integration; Line integral, Surface integral, Volume integral Theorems of Gauss, Green & Stokes and problems based on these theorems.

Fourier Transform and Laplace Transforms

Fourier transforms: Linearity property, Shifting, Modulation, Convolution Theorem, Fourier Transform of Derivatives, Relations between Fourier transform and Laplace transform, Parseval's identity for Fourier transforms, solution of differential Equations using Fourier Transforms. Existence theorem for Laplace transforms, Linearity of the Laplace transforms, Shifting theorems, Laplace transforms of derivatives and integrals, Differentiation and integration of Laplace transforms, Convolution theorem, Inverse Laplace transforms, convolution theorem, Inverse Laplace transforms of derivatives and integrals, solution of ordinary differential equations using Laplace transform.

Numerical Analysis

Finite Differences operators and their relations. Interpolation with equal intervals and unequal intervals: Newton's divided difference, Lagrange's Interpolation formulae, Hermite Formula. Central Differences: Gauss forward and Gauss's backward interpolation formulae, Sterling, Bessel Formula. Numerical Integration: Newton-Cote's Quadrature formula, Chebychev formula, Gauss Quadrature formula. Numerical solution of ordinary differential equation of Runge-Kutta Methods. Multiple step methods; Predictor-corrector method, Modified Euler's method, Milne-Simpson's method. Solution of Algebraic and Transcendental equations: Bisection method, Regula-Falsi method, Secant method, Newton-Raphson's method. Newton's iterative method for finding pth root of a number, Order of convergence of above methods. Simultaneous linear algebraic equations: Gauss-elimination method, Gauss-Jordan method, Triangularization method (LU decomposition method). Crout's method, Cholesky Decomposition method. Iterative method, Jacobi's method, Gauss-Seidal's method, Relaxation method.

Dynamics & Statics

Composition and resolution of forces. Parallel forces. Moments and Couples. Analytical conditions of equilibrium of coplanar forces. Friction. Centre of Gravity. Velocity and acceleration along radial, transverse, tangential and normal directions. Relative velocity and acceleration. Simple harmonic motion. Elastic strings. Mass, Momentum and Force. Newton's laws of motion. Work, Power and Energy. Definitions of Conservative forces and Impulsive forces. Motion on smooth and rough plane curves. Projectile motion of a particle in a plane. Vector angular velocity. General motion of a rigid body. Central Orbits, Kepler laws of motion. Motion of a particle in three dimensions. Acceleration in terms of different co-ordinate system.

M.Sc. (Chemistr y)

Part -B Syllabus for M.Sc. Chemistry Entrance Test (56 Questions of one mark each)

Entrance examination will consist of questions based on Chemistry up to graduation level, covering following topics

Inorganic Chemistry

- Atomic Structure
- Periodic Table and Periodic Properties
- Metallic Bond and Semiconductors
- Chemistry of s, p, d and f block Elements
- Chemistry of Coordination Compounds
- Non-aqueous Solvents
- Theory of Qualitative and Quantitative Inorganic Analysis
- Metal-ligand Bonding in Transition Metal Complexes: CFT
- Thermodynamic and Kinetic Aspects of Metal Complexes
- Magnetic Properties of Transition Metal Complexes
- Electron Spectra of Transition Metal Complexes
- Organometallic Chemistry
- Acid-Base concepts
- Bioinorganic Chemistry

Physical Chemistry

- Theory of Gases and related Critical Phenomenon
- Theory of Liquid States
- Solid State
- Chemical Kinetics
- Electrochemistry
- Thermodynamics
- Chemical Equilibrium
- Distribution Law
- Ouantum Mechanics
- Physical Properties and Molecular Structure:

Optical properties, dipole moment and magnetic properties

- Spectroscopy: Introduction, Rotational Spectrum, Vibrational spectrum, Raman Spectrum&Electronic Spectrum
- Photochemistry
- Solutions: Dilute Solutions and Colligative Properties
- Phase Equilibrium

Organic Chemistry

- Structure and Bonding:
 - Localized and delocalized chemical bond, van der Waals interactions, resonance, hyperconjugation, inductive effect, Electromeric effect & their comparison.
- Stereochemistry of Organic Compounds
 - Mechanism of Organic Reactions: Homolytic and Heterolytic bond breaking, types of reagents electrophiles and nucleophiles, types of organic reactions, energy considerations, reactive intermediates
- Structure, classification, properties, Reaction Mechanism and Synthetic Applications: Alkanes and Cycloalkanes Alkenes, Arenes and Aromaticity, Dienes, Alkynes, Alkyl and Aryl Halides, Alcohols, Phenols, Aldehydes and Ketones, Carboxylic Acids & Acid Derivatives, Epoxides, Amines, Diazonium Salts, Nitro Compounds
- Specroscopic techniques: Ultraviolet (UV) absorption spectroscopy, Infrared (IR) absorption spectroscopy, NMR Spectroscopy

Chemistry of Natural Products: Carbohydrates, Amino Acids, Peptides & **Heterocyclic Compounds** Organosulphur Compounds Polymers M.Sc. Part -B (Environ-Syllabus for M.Sc. (Environmental Sciences) Entrance Test (56 **Questions of one mark each)** mental Sciences) Biological sciences: Plant and Animal kingdom-classification, characteristics of various groups, morphology, anatomy, adaptations. Cell biology, structure and functions of biomolecules, genetics. Physiology and biochemical processes - Photosynthesis, respiration, nitrogen metabolism, protein synthesis, growth hormones, enzymes. Structural and functional aspects of digestive, respiratory, circulatory, muscular, excretory, reproductive, endocrine and nervous system of animals. Economic botany and plant diseases. Chemistry: Matter in our surroundings, Atoms and Molecules, Metals and Nonmetals, Carbon and its compounds, Classification of elements and periodicity, State of matter, Acids, Bases and Salts, Biomolecules and Polymers, Chemicals in Food, Cleansing Agents. Physics: Fundamental forces in nature, Nature of physical laws, Motion, Heat and Thermodynamics, sound, radiations. **Mathematics:** Sets and their Representations, Trignometric Functions, Bionomial Theorem, Sequence and Series, Integrals, Differential Equations. Environmental Science: Components of Environment, Concept of biomes and biosphere, Natural resources- water, soil, food, energy, forests, minerals; levels of biodiversity, greenhouse effect and global warming, acid rain, ozone layer depletion, water pollution, social issues related to environment, agroforestry, agriculture and environmental Biotechnology. M.A. Part -B (Journalis Syllabus for M.A. (Journalismand Mass Communication) Entrance Test m & Mass (56 Questions of one mark each) Communi cation) Apart from testing the analytical skills, aptitude for learning and reasoning abilities, the entrance test will test basic knowledge and awareness to gauge inclination towards media world. The subject specific topics for preparation are listed below: **General Awareness Current Affairs** Historical background of Press and Journalism in India Major Ideological schools and ideologies like feminism, Marxism, communism and capitalism. Major publications and their editors: India and the World Famous Thinkers and philosophers: quotations from famous thinkers including social activists, religious heads, poets, patriots and scientists and

Punjab, the Nationalist movement and partition.

Regional history and current scenario: Haryana, Punjab, and Pre-partition

technocrats.

- Structure of Government and current political scenario with reference to the State of Haryana
 English grammarEnglish vocabulary

COUNSELING & ADMISSION

A. M.Tech (All Branches)

- (i) A merit list of the eligible candidates will be made on the basis of admission criteria. While making merit list, if valid GATE score of two candidates are same, the candidate with higher percentage of marks in B.Tech. Degree will be displayed high in merit list.
- (ii) In case of GATE score tie a candidate with declared final result will have better merit position over the candidate whose result is awaited.
- (iii) In case of GATE score tie of two result awaited candidates, the marks obtained up to 7th semester will have better merit position.
- (iv) In case tie still stand among the candidates after all the above mentioned could not break the tie, the candidate older in age will be considered as better merit position.
- (v) Merit list will be displayed before the date of admission on University website/Online Portal. No complaint will be entertained on the day of counseling.
- (vi) The candidates admitted to M.Tech. Programme will be required to deposit the above in the form of DD in favour of Registrar, YMCAUST Faridabad payable at Faridabad, at the time of admission. Candidates are requested to carry Demand Draft with them on the day of counseling.
- (vii) The selected candidates will have to submit the "Migration Certificate" within one month of his/her admission, from the University/Institute last attended.
- (viii) The applicant will report to Admission Committee on the scheduled date of counseling as per admission calendar.
- (ix) The Chairman of the respective Department will be the Chairman of admission Committee for admission and the candidate will report to the concerned department for admission.
- (x) All the admitted candidates will be governed by the Rules and Regulations and / or Ordinance(s) of the University. All the admitted candidates may download Ordinance from the Website of the University.
- (xi) Before accepting the admission, the candidate must also ensure that he/ she fulfills the minimum eligibility conditions as laid down herein and to register with University for admission to respective course.
- (xii) If a candidate reports late on the date of counseling, he / she will be eligible only for the available seats at that time.

B. M.Sc (all Streams)/ M.A

- (i) A merit list will be prepared on the basis of marks of Entrance.
- (ii) In case two students get same marks in Entrance Test, then the merit position will be decided on the basis of percentage of marks at graduation level as on last date of submission of his / her application form. An additional weightage of 5% will be given in the merit to those candidates who have passed their qualifying examination with Honors in relevant discipline.
- (iii) In case merit of entrance test and percentage of marks at graduation level are same, then the candidate senior in age (as per D.O.B.) will have better merit position.
- (iv) Where CGPA is awarded and percentage of marks is not mentioned, percentage will be calculated as

Percentage of marks = conversion number mentioned on the certificate/degree X CGPA

- (v) Merit list will be displayed before the date of admission on University website/Online Portal. No complaint will be entertained on the day of counseling.
- (vi) Only those candidates who present themselves in person on the specified date and time along with the originals of all the documents will be considered for admission.
- (vii) The selected candidates will have to submit the "Migration Certificate" within one month of his/her admission, from the University/Institute last attended.
- (viii) The applicant will report to Admission Committee on the scheduled date of counseling as per admission calendar. The Chairman of the respective Department will be the Chairman of admission Committee for admission and the candidate will report to the concerned department for admission.
- (ix) All the admitted candidates will be governed by the Rules and Regulations and / or Ordinance(s) of the University. All the admitted candidates may download Ordinance from the Website of the University.
- (x) Before accepting the admission, the candidate must also ensure that he/ she fulfills the minimum eligibility conditions as laid down herein and to register with University for admission to respective course.
- (xi) If a candidate reports late on the date of counseling, he / she will be eligible only for the available seats at that time.

C. MCA

- (i) Admission in MCA will be on the basis of merit of entrance examination/test. The merit list of eligible candidates will be displayed on the University website/Online Portal.
- (ii) Criteria for merit will be marks obtained by candidate in entrance examination conducted by University.
- (iii) In case, marks of candidates in entrance test is same, then the candidate having more marks in the academic qualifying examination (graduation).
- (iv) In case two students get same percentage of academic marks, the candidate senior in age (as per D.O.B.) will have higher merit.
- (v) In case two students get same marks and having same DOB, then the candidate having more percentage in 10+2 will have higher merit.
- (vi) In case the candidate has CGPA in any qualifying exam and criteria for percentage of marks is not mentioned, percentage of marks will be calculated by multiplying CGPA (out of 10) with 9 (i.e. percentage of marks = 9 x CGPA)
- (vii) Only those candidates who present themselves in person on the specified date of counseling along with the originals of all the documents will be considered for admission.
- (viii) The selected candidates will have to submit a "Migration Certificate" within one month of his/her admission, from the University/Institute last attended.
- (ix) The applicant will report to Admission Committee on the scheduled date of counseling 20/07/2017 (Thursday) and 21/07/2017 (Friday) at 9.00 am. The Chairman of the Department will be the Chairman of Admission Committee for admission.
- (x) The candidates admitted to MCA Programme will be required to deposit the fee, excluding hostel charges, in the form of DD drawn in favour of Registrar, YMCAUST Faridabad payable at Faridabad, on the spot at the time of admission; otherwise he / she will not be entitled for admission.
- (xi) Before accepting the admission, the candidate must ensure that he/ she fulfills the minimum eligibility conditions as laid down herein and to register with University for admission to respective course. Fee once paid will not be refunded, after the date of last counseling. Only security amount will be refunded after the final admission.

D. MCA (LEET)

- (i) Merit list will be prepared on the basis of graduation score. The merit list of eligible candidates will be displayed on the University website and notice boards of the University.
- (ii) Criteria for merit will be percentage of marks qualifying examination (upto 2 decimal places).
- (iii) In case, marks of candidates at graduation level is same, then the candidate senior in age (as per D.O.B.) will have higher merit.
- (iv) In case two students get same marks and having same DOB, then the candidate having more percentage in 10+2 will have higher merit.
- (v) In case the candidate has CGPA in any qualifying exam and percentage of marks is not mentioned, percentage of marks will be calculated by multiplying CGPA (out of 10) with 9 (i.e. percentage of marks = 9 x CGPA)
- (vi) Only those candidates who present themselves in person on the specified date of counseling along with the originals of all the documents will be considered for admission.
- (vii) The selected candidates will have to submit a "Migration Certificate" within one month of his/her admission, from the University/Institute last attended.
- (viii) The applicant will report to Admission Committee on the scheduled date of counseling 29/07/2016 (Saturday) at 9.00 am. The Chairman of the Computer Engg. Department will be the Chairman of Admission Committee for admission.
- (ix) The candidates admitted to MCA Programme will be required to deposit the fee, excluding hostel charges in the form of DD, drawn in favour of Registrar, YMCAUST Faridabad payable at Faridabad, on the spot at the time of admission; otherwise he / she will not be entitled for admission.
- (x) Before accepting the admission, the candidate must ensure that he/ she fulfills the minimum eligibility conditions as laid down herein and to register with University for admission to respective course. Fee once paid will not be refunded, after the date of last counseling. Only security amount will be refunded after the final admission.

E. MBA

- (i) Admission in MBA program will be on the basis of merit of entrance examination/test. The merit list of eligible candidates will be displayed on the University website
- (ii) Criteria for merit will be marks obtained by candidate in entrance examination conducted by University
 - In case, marks of candidates in entrance test is same, then the candidate having more marks in the academic qualifying examination (graduation) will have higher merit.
 - In case two students get same percentage of academic marks, the candidate senior in age (as per D.O.B.) will have higher merit.
 - In case two students get same marks and having same DOB, then the candidate having more percentage in 10+2 will have higher merit.
 - In case the candidate has CGPA in any qualifying exam and criteria for percentage of marks is not mentioned, percentage of marks will be calculated by multiplying CGPA (out of 10) with 9 (i.e. percentage of marks = 9 x CGPA)
 - Actual seat allocation will as per the reservation policy of the Haryana government.

F. B.Sc. (Physics Hons.)

- (i) The merit list will be prepared on the basis of % of aggregate marks secured in Physics, Mathematics and Chemistry in 10+ 2 examination or equivalent.
- (ii) If the aggregate marks scored by two or more candidates are same, then the following tie-break policy will be used for awarding merit: Higher merit will be assigned to the candidate who has obtained higher marks in Physics. If this does not break the tie, higher merit will be assigned to the candidate who has obtained higher marks in Mathematics. If there is a tie even after this, higher merit will be assigned to the candidate who has obtained higher marks in Chemistry.
- (iii) In the case of same marks in each subject, then the candidate, senior in age will have higher merit.
- (iv) In case the candidate has CGPA in any qualifying exam and criteria for percentage of marks is not mentioned, percentage of marks will be calculated by multiplying CGPA (out of 10) with 9 (i.e. percentage of marks = 9 x CGPA)

- (v) The Chairman of the HAS Department will be the Chairman of the Admission Committee for admission. The decision of the Dean (Academic Affairs) in all matters relating to admission shall be final.
- (vi) The candidates admitted to B.Sc. (Physics Hons.) and M.Sc./M.A. Programme will be required to deposit total amount of Rs.28,600/-(excluding hostel charges) in the form of DD payable to Registrar, YMCAUST Faridabad payable at Faridabad, on the spot at the time of admission.
- (vii) Before accepting admission, the candidate must ensure that he/ she fulfils the minimum eligibility conditions as laid down herein and to register with University for admission to respective course. Fee once paid will not be refunded. All the admitted candidates will be governed by the Rules and Regulations and / or Ordinance(s) of the University.
- (viii) All the admitted candidates may download Ordinances from the Website of the University.

NOTE:

- The candidates of M.Tech./M.Sc./MA/MBA/MCA/MCA LEET/B.Sc. are required to fill online application form with the application fee through online mode by the last date for on-line submission. Off-line fee can also be submitted to the University by hand or by registered post in the form of DD in favour of Registrar, YMCA UST payable at Faridabad, only in case of online submission of application upto the last date, prescribed for submission. The last date for receiving application form shall be strictly followed and no postal delay will be entertained.
- 2. The candidates who are appearing in the qualifying examination may also apply, provided if they will submit their passing certificate of qualifying exam by 1st August, 2017 (only applicable for courses, where entrance test is conducted by University) otherwise their admission will stand cancelled automatically and the entire fee submitted at the time of admission will be forfeited.
- 3. For Courses where admission is done on the basis of Merit, students need to have final result on the day of Counselling.

LIST OF DOCUMENTS REQUIRED AT THE TIME OF PHYSICAL REPORTING/COUNSELING

12.1 LIST OF DOCUMENTS TO BE BROUGHT AT THE TIME OF REPORTING/COUNSELING IN THE UNIVERSITY:

The candidates at the time of reporting/admission must bring the following original certificates/documents/testimonials along with two sets of duly attested photocopies of these with them.

- i. Qualifying Examination certificate/DMCs as per mentioned in Chapter 4 of this University Brochure. For admission in B.Tech. & B.Tech. (LEET) courses, the qualifying examination criteria will be followed as per the norms of HSTES.
- ii. Matriculation/High School Certificates.
- iii. JEE (Main)-2017 rank Card for B.Tech./OLET- 2017 for B.Tech. (LEET)/Valid and qualified GATE Score for M.Tech. Admission
- iv. Character Certificate from the Head of Institution last attended.
- v. Valid Certificate for SC/ST/BC/PH or any other reservation certificate, if applicable prescribed by the Government.
- vi. Two Passport size photographs of 5 cm x 7cm.
- vii. Medical Fitness Certificate from a Gazetted Medical Officer.
- viii. Haryana resident domicile certificate (If applicable)(Candidates, who have passed their qualifying examination from a Board/Recognized School located in the State of Haryana will be deemed to be Haryana residents and will not be required to submit certificates of bonafide residents of Haryana.
- ix. Proof of annual parental income from all sources (in case of SC/BC candidates)

Note:

The candidates are required to deposit the desired fee as per Chapter 5 of this University Brochure. Further, Candidates are requested to carry demand Draft with them on the day of physical reporting/counseling.

GENERAL INSTRUCTIONS

- A candidate who furnishes particulars which are found to be false or suppresses material information, will not be considered for admission. If he/ she is admitted on such information, legal action will be taken under the law of the land & his/ her admission shall be cancelled as per University rules and all fees deposited by him/ her will stand forfeited.
- 2. Before accepting the admission, the candidate must also ensure that he/ she fulfills the minimum eligibility conditions. Fee once paid will not be refunded in such a case.
- 3. No separate call letters will be issued.
- 4. All the admitted candidates will be governed by the Academic Regulation and/ or Ordinance as laid down by the University time to time.
- 5. In the case of any inconsistencies in the rules or any clarification thereof, the matter shall be referred to the competent authority for interpretation whose decision shall be final.
- 6. GATE qualified students who are appearing in the qualifying examination may also apply for this course, provided they will submit their passing certificate of qualifying exam by 1st August, 2017 otherwise his / her admission stand cancelled automatically and the entire fee submitted at the time of admission will be forfeited.
- 7. Candidates seeking admission to various PG programmes such as M.Tech., MCA, M.Sc., M.A., and MBA may apply for this course, provided they will submit their passing certificate of qualifying exam by 1st August, 2017 otherwise his / her admission stands cancelled automatically and the entire fee submitted at the time of admission will be forfeited.
- 8. Result awaited candidates seeking admission to MCA (LEET) are not allowed. If the candidate wants to apply for more than one department/course, he / she should fill the form separately through online portal after paying the required application fee.
- 9. No claim of change in merit list of the candidate will be entertained by producing any category certificate / other certificate after the display of merit list.
- 10. Before accepting the admission, the candidate must also ensure that he/ she fulfills the minimum eligibility conditions. Fee once paid will not be refunded.
- 11. The candidates who are eligible for entrance tests for MCA/MBA/M.Sc./MA will have to download their **Admit card online** using University portal and no separate admit card will be issued by the University for the Entrance Exams.
- 12. All the admitted candidates will be governed by the Academic Regulation and

Ordinance as laid down by the University.

13. In the case of any inconsistency in the rules or any clarification thereof, the matter shall be referred to the competent authority for interpretation whose decision shall be final.

Note:

- The candidates of M.Tech./M.Sc./MA/MBA/MCA/MCA LEET/B.Sc. are required to fill online application form with the application fee through online mode by the last date for on-line submission. Off-line fee can also be submitted to the University by hand or by registered post in the form of DD in favour of Registrar, YMCA UST payable at Faridabad, only in case of online submission of application upto last date for submission. The last date for receiving application shall be strictly followed and no postal delay will be entertained.
- 2. The candidates who are appearing in the qualifying examination may also apply, provided if they will submit their passing certificate of qualifying exam by 1st August, 2017 (only applicable for courses, where entrance test is conducted by University) otherwise their admission will stand cancelled automatically and the entire fee submitted at the time of admission will be forfeited.
- 3. For Courses where admission is done on the basis of Merit, students need to have final result on the day of Counselling.

ANTI RAGGING GUIDELINES & PREVENTIVE MEASURES

As the students are aware, Govt. of India and State Govt. of Haryana have already banned the ragging of newly admitted students in all the Professional Institutions as per instructions of the State Govt. The stern disciplinary action is taken against the students indulging in the ragging of the students, including expulsion from the University and hostels/mess or fine with a public apology or withholding of scholarships or other benefit, debarring from representation in events, withholding results, debarring from representation in events, withholding results, suspension or expulsion from hostel or mess, suspension of campus recruitment/industrial training and the like. If, the individuals committing or abetting ragging are not/cannot be identified, collective punishment can be awarded to act as a deterrent. In view of the involvement of some senior students in ragging of 1st year students in some of the Institutions in the previous year, Hon'ble Supreme Court of India has directed the concerned Institutions/Universities to take immediate steps for the prevention of ragging of students. The violation of this law (ban on ragging) is not only punishable by a fine of Rs.25,000/- but also may attract rigorous imprisonment for 3 years. In order to curb the ragging, the University takes various steps such as help from the local administration for keeping vigilance in the Campus, senior students are advised individually and in groups and cooperation of their parents is sought explaining the aspects of punishment for violation of law of ban on ragging, by deputing faculty members of different places in the University premises to check the ragging to book the defaulters during the day and also at mid night.

The following will be termed as the act of ragging:

- (i) Any disorderly conduct whether by words, spoken or written or by an act which has the effect of teasing or handling with rudeness any other student(s),
- (ii) Indulging in rowdy or indiscipline activities which cause or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in fresher or junior student(s).
- (iii) Asking the student(s) to do any act or perform something, which such student(s) will not do in the ordinary course and which has the effect of causing or generating a sense of shame or embarrassment so as to adversely effect the physique or psyche of a fresher or a junior student.

Proctorial & Anti Ragging Committee

Name	Designation	Contact No.
Dr. Manjeet Singh	Proctor	9873762868
Dr. Vasdev Malhotra	Deputy Proctor	9990201765
Dr. Neelam Turk	Deputy Proctor	9958138139
Mr. Sushil Kumar	Assistant Proctor	9971853887
Ms. Anushree Chauhan	Assistant Proctor	9971893518
Dr. Renuka Gupta	Assistant Proctor	9999692469

CHAPTER - 14

ATTENDANCE RULES

It is obligatory on the part of Chairpersons/Teacher concerned to announce attendance position of each student at the end of every month in the classes. The students, who are falling short of attendance, are advised to improve their attendance position. However, the students are also advised to get their attendance noted from their concerned Chairpersons/Teachers at the end of every month to avoid their total shortage of attendance at the end of their semester. It is made clear that every student should get 75% attendance in aggregate at the end of each semester. Further, deficiency up to 10% may be condoned in severe cases or compensatory ground including medical. However, it may not be treated as a matter of right by the student. Those students having below 65% will be detained in the semester and such student shall not be promoted to next semester. Such students shall have to repeat the relevant academic semester in the next academic section by paying fee / due etc. **However, the Parents/Guardians of students** are also requested to keep close watch on the attendance position of their son/daughter/ward by enquiring from the concerned Head of Deptt. No further notice shall be issued in this regard.

CHAPTER - 15

CODE OF CONDUCT & PUNISHMENT

In order that each student may enjoy the full benefit of the facilities provided, it is expected from the students to abide by the rules and regulations of the University. These are solely designated to safeguard the student welfare and their overall development.

- 1. It is compulsory for the students to be in an approved working uniform during the Workshop periods.
- 2. Students are required to be in proper Dress when they are in hostel, mess, canteen, common room, play grounds and while moving on the campus. Also they are expected to be in proper dress depending upon the season, while attending the classes or visiting the library.
- 3. Students are expected to behave with decorum and to pay due respect to faculty staff and subordinate officials. Every member of staff has authority to forbid disorderly behavior either within or outside the University and must be immediately obeyed in such circumstances. The students failing to observe this clause are liable to be punished with levy of fine and even expulsion from the University.
- 4. Loud talking, loitering or crowding in the corridor, being a source of disturbance and annoyance to others is not permitted.
- 5. Smoking is not allowed either in the University, Examination Hall or in the Hostel premises. Alcohol Drinking is strictly prohibited in the University and Hostel premises. Any student found committing breach of this rule shall be expelled from the University.
- 6. Late arrival and early departure from a class are regarded as absence from the class for the period concerned.
- 7. It is a misdemeanor to interface with any apparatus or enter any department other than directed.
- 8. No student has any authority over the employees of the University.
- 9. Tools and other apparatus/equipment must be left in good order after use.
- 10. All students must attend Industrial visits and Training arranged for them unless previously exempted by Dean of Faculty and note on the Training shall be submitted immediately after the visit.
- 11. No responsibility shall be accepted for any loss or damage to students property while in the University and hostel premises.

- 12. Students shall observe all safety precautions. The University is not responsible for accidents of whatsoever nature in the Classes or Hostel or Workshop or Laboratories or during the tours organized for the students.
- 13. The studies at the University require attention and diligence on the part of students. A student neglecting the warning after which if he/she fails to improve, he/she will be liable for expulsion from the University.
- 14. Conduct inconsistent with general good order or persistent neglect of work or failure to respond promptly to official notices may be punished with levy of fines and even expulsion from the University.
- 15. Students are advised to deposit all cash with the Local Post Office/Bank and draw the amount to the minimum of their requirement from time to time. The University is not responsible for any loss by way of theft or otherwise.
- 16. No Society, Association or Club shall be formed without the permission of the Vice-Chancellor. Similarly, no meeting shall be convened and no person shall be invited to address any meeting in the University premises without prior permission of the Dean of Faculty.
- 17. Ragging of junior students is strictly prohibited. Any student found indulging in ragging will be summarily expelled from the University. As per instructions, stern disciplinary action is to be taken against the students indulging in the ragging of the 1st year students including expulsion from the University, suspension from the University or classes or fine with a public apology or with holding of scholarship or other benefits, debarring from representation in events, with holding results, suspensions or expulsion from hostel/mess and debarring from campus recruitment/industrial training. The violation of this law(ban on ragging) is not only punishable by a sum of Rs.25,000/- but also by rigorous imprisonment for 3 years.
- 18. Any student found guilty of negligent use of University property will be liable to punishment including recovery of cost of damaged property.
- 19. Recourse to a false or fraudulent statement, failure to produce Library card on demand by a member of staff at any time and place within the University, hostel or town or any other act of ungentle-manliness will be considered as an act of misconduct, leading to disciplinary action against the defaulting students.
- 20. The students are strictly prohibited from indulging and showing boisterous, disorderly and obnoxious behavior and staging 'Dharna', taking out procession, slogan shouting, putting up poster/writing on walls and road etc. in the campus.
- 21. The students are prohibited from indulging in mass-cut/strikes, sit-in-strike or any other similar activity.

- 22. The students are prohibited from entering the residential area on campus without permission. Any 'Dharna', Slogan shouting, sit-in or procession in the residential area shall be considered as an illegal trespass leading to severe disciplinary action which may be expulsion/rustication.
- 23. Bringing pressure of any form on the authorities of the University from outside agency/person(s) shall be considered as misconduct on the part of the student.
- 24. The student shall be liable to disciplinary action for any misbehaviour/misconduct on the part of his/her father/guardian concerning the staff/authorities of the University.
- 25. The Academic Regulations/ Ordinance and Scheme of Credit Base System for B.Tech./M.Tech./MBA Courses in this respect are available to students in the University Library for reference.

Punishment

A student, who is found to have committed any act of indiscipline, is liable to any one or more of the following punishments:-

- i. Warning
- ii. Censure
- iii. Fine
- iv. Reduction/Cancellation of Scholarship/Stipend
- v. Recovery in part or full losses or damages to the University Property or Property of others caused by the delinquent student.
- vi. Suspension from availing of any of the University amenities and services or from classes.
- vii. Suspension from the University or fine with a public apology, or with holding results, removal, rustication or expulsion from the University or hostel and debarring from campus recruitments/industrial training.
- viii. With holding of character certificate and provisional certification etc. The punishments are liable to be inflicted summarily at the discretion of the Vice-Chancellor in all matters concerning the University's administration and regulations. The decision of the Vice-Chancellor is final.

CHAPTER - 16

HOSTEL & MESS RULES

Hostel facilities for Boys & Girls

The YMCAUST Faridabad is a residential university and provides accommodation to students wishing to reside in the hostels. Each hostel in the University is an independent unit in respect of its internal administration under the overall supervision of the Chief Hostel Warden. Every building in the hostel is administered by a Warden.

Chief Hostel Warden (Boys& Girls) -Dr.Vikas Turk

Additional Chief Hostel Warden (Girls) - Ms. Neetu Gupta

Hostel Warden (Kalpana Chawla) – Dr. Sonia

Hostel Warden (Old Building 1) – Ms. Sandhya Bajpai Hostel Warden (Old Building 2) – Ms. Amita Arora Hostel Warden (New Building) – Dr.Sheilza Jain

Additional Chief Hostel Warden (Boys) - Sh. Surender Singh

Hostel Warden (Nehru Hall) – Dr. O. P. Mishra
Hostel Warden (Tagore Hall) – Dr. Mahesh Chand
Hostel Warden (CV Raman Hall) – Mr. Suresh Kumar
Hostel Warden (Zakir Hall) – Sh. Ashish Pal

450 seats for boys and 350 seats for girls are available in the hostel of the University.

Hostel Authority

Name	Designation	Phone No.	e-mail ID
Dr. Vikas Turk	Chief Warden	0129-2310122	chw@ymcaust.ac.in
		0129-2310174	-
		9312899357	
Dr. Manjeet Singh	Proctor	9873762868	munish276@yahoo.com
Sh. Surender Singh	Additional	0129-2310162	s.singh25@rediffmail.com
-	Chief Warden	9582940643	
	(Boys)		
Mrs. Neetu Gupta	Additional	0129-2310177	neetu08@gmail.com
	Chief Warden	0129-2310174	-
	(Girls)	8588919551	

Sr. No.	Name of Hostel	Total Rooms	Capaci ty in Hostel	Name of Warden	Phone No.	e-mail ID
1	Nehru Hall	40	120	Dr. O. P. Mishra	9818602901	opmishra.m@r ediffmail.com
2	Tagore Hall	36	108	Dr. Mahesh Chand	9999917830	mchandce@gm ail.com
3	CV Raman Hall	40	120	Sh. Suresh Kumar	9466005727	turansuresh77 @gmail.com
4	Zakir Hall	40	120	Sh. Ashish Pal	9468482798	Ashish.mandee p@yahoo.com
5	Kasturba Hall	22	88	Ms. SadhnaBaj pai	0129- 2310177 0129- 2310174	
6	Sarojini Hall	21	84	Ms. Amita	0129- 2310177 0129- 2310174	amita.arora@g mail.com
7	Mother Teresa Hall	22	88	Dr. Sheilza Jain	0129- 2310177 0129- 2310174	sheilzajain@gm ail.com
8	Kalpana Chawla Hall	28	112	Dr. Sonia	0129- 2310177 0129- 2310174	Soniabansal248 @gmail.com

Hostel Rules

Hostel facility is limited, so preference will be given to students who are living beyond a radial distance of 50 km from YMCAUST Faridabad.

The Hostel Committee will consist of the following:

- I. Proctor
- II. Chief Hostel Warden
- III. Additional Chief Hostel Warden
- IV. Warden
- v. Lady Warden
- **VI. Nominated Students**

- 1. The Committee will observe the overall discipline and maintenance of the hostel.
- 2. Application for admission to the hostel on the prescribed form shall be made by a student in his own handwriting and he/she should personally handover the same to the concerned warden. The form shall, however, be available with the CHW.
- 3. Allotment of rooms in the hostel will be made on presentation of completed form and the slip for having deposited the hostel fees. Once a student joins a hostel/mess he/she will not be allowed to shift to another hostel or to any other room in the same hostel until and unless he/she is permitted.
- 4. Any student residing in the hostel intending to seek exemption from the hostel must apply for the same before the commencement of the semester otherwise hostel charges will be recovered as per rules. He/she must state the reasons for exemption from the hostel duly supported with documents.
- 5. i. If a hosteller is found indulging in ragging of juniors, he/she can be expelled or suspended from hostel in accordance with seriousness of his/her involvement.
 - ii. If any student is found to be involved in any kind/type of guilty he/she shall not be stayed in University hostel.
 - iii. If any student is detained to appear in his/her semester examination in any circumstances he/she is not eligible to stay in the University hostel for his/her future period of study in the University.
- 6. Residents shall have to leave the hostel within 24 hours of the termination of their examination at the end of the semester, especially in the month of May-June.
- 7. Overstay in the hostel is treated as misconduct on the part of student and is subject to punishment.
- 8. Before leaving the hostel, every student shall obtain clearance from the warden and personally hand over the charge of the hostel properly to the Hostel In charge /Warden. The student will be fully responsible for any damage/loss of property.
- 9. Every student residing in the hostel must join the mess. Individual cooking and messing outside is not permitted.
- 10. Messes are run on the contract basis. The cost of food including wages of mess staff and other contractual labour if any is to be met by the students themselves.
- 11. Mess dues/advances should be paid monthly by the dates notified.
- 12. Students are advised not to keep any valuable in their rooms. They are advised to deposit extra cash in the bank & inform the warden about their respective account number in the Bank.

- 13. Residents are not allowed to use more than one electric bulb of 60 watts. They must switch off the light and fan while going out of the room.
- 14. No one is allowed to use electrical appliances in the room such as electric, heater, immersion rod, electric iron etc. In case any student is found using them he/she will be fined.
- 15. Residents are not allowed to temper with the electrical installations. The students must not deface the main doors of their rooms, the walls or any other place. In order to carry out proper maintenance in such cases, collective fine or individual fine shall have to be imposed. The cost of repairs of any damage done by them will be realized from the residents.
- 16. Hostellers shall not remain absent from the hostels after 5.00 pm. However, they may go outside the Hostel up to 10.30 pm for boys and 7:00 pm (in winter 06:30pm)for girls with prior permission of the Chief Hostel Warden otherwise they will be treated as absent from the hostel and strict action will be taken against them.
- 17. Visitors are not permitted to stay in the hostel after 8.00 AM and the guests of the students are not allowed to stay in the hostel except with the prior permission of the Chief Hostel Warden/Warden and under no circumstances for more than two days.
- 18. The room of any student can be inspected at any time by the Chief Hostel/Warden or University Staff.
- 19. No notice shall be put on the Hostel Boards by any students, and no student shall raise any subscriptions in the hostel on any account without the prior permission of the Chief Hostel Warden/Warden.
- 20. Students will be expected to share the duties involving in keeping the hostel and campus clean and tidy and in running their messes.
- 21. Allotters will be responsible for the custody of furniture and fittings of their respective rooms and should give a receipt for the same to the Warden/Chief Hostel Warden.
- 22. Residents will be collectively responsible for any loss or damage to the furniture and fittings in the common rooms, dining Hall, Kitchens, Lavatories and Bath Rooms etc.
- 23. Playing Cricket or any other ball game on the roof of common room top or in the same arena or in the hostels is prohibited and such an act of disobedience will call for severe action.
- 24. Bursting of crackers, playing with fire works in the hostel is strictly prohibited. Any breach of discipline will invite strict action against the defaulting student(s).
- 25. Allotters should report immediately to the warden about any damage or loss of hostel property.

- 26. All residents must hand over to Hostel Incharge / Warden the furniture and other hostel property in proper condition issued to them at the time of their leaving the hostel otherwise replacement will be effected from them.
- 27. Students shall not play any musical instruments, transistor or radio so loud as to disturb other residents. There shall be no playing of music or noise after 10.00 PM. This rule must be strictly implemented. In defiance of this rule, the defaulter will be strictly punished.
- 28. Damaged/Stolen item of furniture, fitting, utensils, mess crockery etc. will be replaced at the cost of students.
- 29. Should there be a case of illness or an accident, it should be reported immediately to the Warden/Chief Hostel Warden and the Medical Officer of the University.
- 30. The student must not use foul/abusive language towards each other or against any other person even oblige. Any student if found involved in such acts, appropriate action will be taken.
- 31. The students must observe decency/decorum in the hostel premises as well as in the University area or residential area.
- 32. The students will not be allowed to smoke in the entire University Campus more so not in their rooms.
- 33. The students are not allowed under any circumstances to consume Liquor/Drugs in the University. Such an action on part of any student can lead to permanent expulsion from hostel.
- 34. Gambling or playing cards is prohibited in the hostel.
- 35. All TVs in the Common Rooms will be switched off at 10.00 PM and it will be locked after that. Residents will be collectively responsible for any negligence in this regard.
- 36. Moving of furniture belonging to common room is prohibited. The Wardens will be free to take action if need arises.
- 37. The students are not allowed to move about in Half Pants, Shorts-Paves etc.
- 38. Guests are not ordinarily permitted to stay in the hostel, but father/brother may be allowed to stay with the specific permission of the Chief Hostel Warden and it must be in knowledge of Warden.
- 39. Women Guests are not allowed to visit male residents of the hostel in their rooms.
- 40. Male guests are not allowed to visit residents in girls hostel.
- 41. A guest permitted to stay for the night in any hostel shall be accommodated in the Guest House on charges as per rules.
- 42. A resident keeping a guest without permission will be punished heavily. If this default is repeated frequently it may lead to his/her expulsion from the hostel.

- 43. The girls are not allowed to entertain any male students near hostel. The girls are allowed to go to market between 5.00 PM to 7.00 PM during summer and from 5.00 PM to 6.30 PM during winter.
- 44. Surprise visit by the Hostel Committee can be made to check the attendance of the girl students. Strict action will be taken against girl student, if found absent from the hostel.
- 45. All girl students must make an entry in the Register lying with the female warden before leaving the hostel with particulars like name, address, phone No. and place (where they are going), date and time of leaving and time/date of return.
- 46. A separate Identity card will be issued to the hostellers (boys & girls) by the Chief Hostel Warden & the same must be produced as and whenever asked for by the officers / officials / guards of the University.

Mess Facilities

The University maintains proper mess facilities with good quality furniture and hygienic foods. The mess is run on contract basis. There are Mess Committees, consisting of the students, headed by concerned Wardens and Chief Hostel Warden. The functions of these Committees are to check that there should be proper cleanliness and good quality of food. The Mess Committee will work under the overall patronage/guidance of the Chief Hostel Warden.

Mess Rules

- 1. The mess will be run on contract basis till such time it is possible. All resident students are members of the mess. They are not allowed any exemption from the mess.
- 2. No meals will be served before or after the mess timing which will be fixed from time to time.
- 3. No table service will be provided (only for a very special occasion table service will be provided).
- 4. The mess affairs will be managed by Hostel Committee consisting of students from various classes under the overall guidance of the Warden/Chief Hostel Warden.
- 5. The Mess Committee will have to perform the following duties:
 - i. Putting students on mess duty on daily basis and display the list for four weeks in advance. No student will be allowed to perform mess duty twice in a month. Efforts should be made to assign duties once in a semester to any student. In case of any controversy final decision shall rest on Chief Hostel Warden or his nominee.

- ii. The students on duty will receive, check, quality and quantity of food items, vegetables, bread, butter, paneer, milk & dahi etc.
- iii. To look after cleanliness of mess, kitchen, store and all the kitchen equipment, pantry and utensils.
- iv. The student on duty must ensure proper distribution of meals to all students in the mess.
- 6. Day Scholars are not allowed to take meals in the mess, nor they would be treated as guests by the resident students.
- 7. Any day scholar found taking meals in the mess will be fined Rs.500/- for a particular day when caught.
- 8. Any resident of the Hostel may be asked to perform any duty for smooth functioning of mess and may be removed by Warden/Chief Hostel Warden as and when required.
- 9. Room service is strictly prohibited. However, Room service will be provided in case of illness and only sick diet will be served in such cases. Any lapse on this account would be seriously viewed.
- 10. Any student when caught of encouraging room service will be fined and the fine in such cases will not be less than Rs.500/- and even it may be more.
- 11. The students shall conduct themselves with dignity and decorum in the mess:
 - i. No student will smoke, consume alcohol/liquor or drug in the mess or enter the mess under influence.
 - ii. No shout, yell each other, abuse any one including servants while taking meals.
 - iii. Not to throw any items on each other from one table to another.
 - iv. Not to come to take meals in knickers, shorts or exposed legs.
- 12. Manhandling or abusing the mess servants under any circumstances shall be considered gross breach of discipline entailing severe punishment.
- 13. Mess utensils, furniture etc. are not to be taken out of the dining halls by the students or anyone else.
- 14. Intentionally breaking of utensils and cutlery or doing so with ulterior motives by any student will be seriously viewed and fine will be imposed and loss made good.
- 15. No student will be given any preferential treatment or shown extra ordinary favours by the way of special service of preparing cooking something different or in any other manner.
- 16. Disobedience in any form will attract fine towards individually or collective fine will be imposed.
- 17. The students residing in the hostel are not entitled to any partial exemption from the mess.

- 18. The mess bill will pay up to 12th of every month otherwise a fine of Rs.10/- will be charged and no rebate will be given to the defaulters.
- 19. Student should enter their feedback regarding mess in the register.
- 20. It is necessary to keep I-Card with the student in mess.

ANNEXURES

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Namo	e of the Scho	ool/Colleg	ge				Session		
		СН	ARACTE	R CERT	ΓIFICA	TE			
Certif	Brief particulars of disciplinary action School/Board/University (including punishments such as expulsion, warning, fined for violation of School/Board/University/Hostel Rules,UMC/disqualification etc., if any								
									has
								during	the
perio	d from		to		. He/	She	appeared	in	the
	•	,	and *pass	ed obtai	ning			marks	out
of		marks o	r *failed/*r	oassed u	nder co	mpart	ment in the	e subiec	et of
5. 6.	Co-curricula Brief particu punishments School/Boar	r activitie llars of di such d/Univers	es, if anyisciplinary as expuls sity/Hostel	action S ion, wa Rules	school/Earning, ,UMC/o	Board/ finedisqua	University d for vialification	olation etc.,	of if
					ay	in	the	Institut	ion:
		•	•						
No. :						S	ignature of	Princi	pal
							(with	office s	eal)
Date	:								

^{*} Strike out whichever is not applicable.

ANNEXURE – II

HARYANA RESIDENT CERTIFICATE

(for bonafide residents of Haryana only)

Certified	that	Mr./Ms	•					
son/daughte	er of	Shri	· · · · · · · · · · · · · · · · · · ·					
resident	of	House	No		Lane/Stree	et		of
Village/Tov	wn		Tehs	il	Dist	t		
of Haryana	since			an	d applicar	nt for	admis	ssion to
various Co	urses	in Haryana	, is a bonafic	de resident	of Haryan	a Stat	e in to	erms of
Chief Secre	etary, I	Haryana let	ter no. 62/17	7/95-6 GS1	dated 03.	10.19	96, le	tter no.
62/32/2000	-6GSI	dated 23	3.05.2003,	letter no.	62/27/20	03/6	GS1	dated
29.07.2003,	, lette	r no. 22/	28/2003-3GS	S-III dated	30.01.20)04 u	ınder	clause
		·						
No			Signature of	the issuing	authority	(Tehs	ildar)	
Date:				Name				_
Place:				Design	nation			
						(with	ı	legible
					office sea	1)		

Note: i) The competent authorities to issue Haryana Resident Certificate will be as per State Govt. Letter no. 22/28/2003-3 GS III dated 30.01.2004.

- ii) The candidates, who have passed their qualifying examinations from the Universities/Board/Institutes located in Haryana are not required to produce Certificate of Haryana Resident.
- iii) The certificate must have been issued on or after 31.01.2005.

ANNEXURE -III

Haryana Government

Certificate Sr.No/y	rear/T	Tech		Photo of Applicant to be attested by the Issuing Authority
SCHED	OULED CASTI	E CERTIFI	CATE	
This is to certify that Sh./	Smt./Kumari			
son/daughter of Shri				resident
of House No	Lane	/ Street		of Village /
Town	Tehsil	$\overline{ m Di}$	istt.	of
Haryana belongs to _			Caste/T	ribe which is
recognized as a Schedu (Scheduled Castes) Order, 1	led Caste/Scho	edule tribe	under 1	the Constitution
1. Shri/Smt./Kumari Villa in of the State	nge/Town	of	Tehsil	District
		Signature	e with seal	of Issuing Authority
		•		
		•		phone no. with code
PlaceDate				
Date	•			
]	Naib Tehsildar-	cum-Executi	ive Magis	strar, of Government
 Strike out the paragra 	ph which is not	applicable.		
• For instructions refer				

ANNEXURE -IV

Haryana Government

Certificate Sr.No/year	/Teo	ch	Photo of Applicant to be attested by the Issuing Authority
BACKWA	ARD CLASS (CERTIFICATE	
This is to certify that Sh./Smt./			Son/Daughter of
Shri	resident	of	House
NoLane/Street_	of		
Village/Town		District _	
of the Haryana belongs to $_$		Caste.	This caste is
mentioned in the State list of B			•
(The applicant shall submit an	ı affidavit that	he/she falls/does no	ot fall in creamy
layer)			
2. Shri/Smt./Kumari		and /or his/her fa	mily ordinarily
reside (s) in			
		rict	
State/Union Territory		•	
3. This is to certify that he/sh	ne does not be	long to the person/s	section (Creamy
layer) as per State Govt. letter	no. 1170-SW	(1)-95 dated 7.6.95,	No. 22/36/2000
3GS-III dated 09.08.2000, and	no. 213-SW (1)-2010 dated 31.08.2	2010
		Ciomotumo vvith goal o	f Iaguina Authonitu
		Signature with seal or Full Name	
		Designation	
A ddras	ss with telephone	C	•••••
Place	s with telephone	no. with code	
Date			
• NoIssuing Authority :	Гehsildar-cum-	-Executive Magistrar	
· ·		m-Executive Magist	
		rtment in case of	
	ployees		
• Strike out the paragraph	. •	pplicable.	
p	• • • • • • • • • • • • • • • •		

• For instructions refer towww.csharyana.gov.in

ANNEXURE – V

AFFIDAVIT

(BY THE PARENTS OF THE BACKWARD CLASS CATEGORY CANDIDATES)

I,	Father/Mother of
Resident of	Tehsil
District	of Haryana seeking admission to courses in Haryana
do hereby solem	nly affirm & declare that I belong to
approved by the wife/husband ar letter no.1170/S	included in the list of Backward Classes Block ('A'/'B') e Haryana Govt. I further declare and affirm that, I and my e not covered under the criteria fixed by Haryana Govt. vide W (1)-95 dated 7-6-95 or fixed by Govt. time to time for ly advanced persons/sections (Creamy Layer) from Backward
	ke that in case the information contained in the above paragraph any stage, the Competent Authority will be entitled to cancel the ward.
Date:	DEPONENT
Place:	
	N above statement is true and correct to the best of my knowledge othing has been concealed therein.
Date:	DEPONENT
Place:	
Verification	
	above statement is true and correct to the best of my knowledge othing has been concealed therein.
Date:	DEPONENT
Place:	

ANNEXURE -VI

PHYSICALLY HANDICAPPED CERTIFICATE

OFFICE O	FTHE C	HIEF M	EDICAL OF	FICER		
No		Dated	l:			
		r. /	Ms			
son/daughte Shri						of resi
dent of			Distric	et	0 1: //	appeared
before the	Medical	Board	for medical	check-up.	On his/her	Medical
				_	handicap/disal	
	%	and (as	applicable) is a	s under:	1	,
1. Blind or 1	Low Visio	n	applicable) is a			
2. Hearing i	mpairmen	t				
3. Locomote	or disabilit	v/cerebr	al palsy			
Thus, the ca			ly handicapped	l as per stand	lard norms of F	Haryana.
Chief Medio	cal Officer					
(with office	e seal)					
Date:						
Place:						

Note: The handicap disability should not be less than 40% and should not interfere with the requirements of professional studies and career.

ANNEXURE – VII

FREEDOM FIGHTERS CERTIFICATE

(Required to be furnished by children/grand children of freedom fighters)

Certified that Mr. / Ms			son/da	ughter
of Shri			resident	of
	(Complete Addres	s), a Freedom	fighter of Ha	aryana
(Identity No.)	is father / gran	ndfather of Mr.	/ Ms.
		(Name of	of the Candida	ite) of
Village/Town_	Police-	Station	Teh	sil
	District	S	State	·
No.	(Deputy Comr	nissioner of D	District concern	ned of
Haryana)				
(with office seal)				
Date:				
Place:				

ANNEXURE – VIII

CERTIFICATE FOR DECEASED OR DISABLED OR DISCHARGED MILITARY/PARA-MILITARY PERSONNEL, EX-SERVICEMAN OR EX-PERSONNEL OF PARA-MILITARY FORCES

Cer	tified that	Number				Ra	nk		
Nar	ne		S/o or]	D/o Shr	i				
Fatl	ner/Mother	r of	_				Resident	of	Village
				Post	Offic	e			Tehsi
			District				b	elong	ing to the
Stat	e of	Haryana,		serve			Army/A		
							(1	Name	of the
Para	a-Military	Force) from	n			to	o		
and	subsequer	ntly invalida	ted out c	of service	e as uno	der:			
1. N	Aedical Ca	itegory							
	or JCO's _								
ii) f	or ORS : S	Shape- I, II,	III, etc						
	for Rank/I	Designation	(in case			force	s)		
2.				Reas	on				for
disc	harge/retin	rement							
3.	Death	(whether	killed	in	action	or	any c	other	reason)
4. It	f killed in	action							name of
the	war/operat	tion							-
5.	Disabled	: Whethe	r disal	bled	during	the	war/oper	ation	(name)
6. N	lature of d	isability							
		rmanent, i.e	. for life	;					
ii) V	Whether te	mporary, up	to what	extent					
Nex	t RSMB i	s due							
Nar	ne of Reco	ords							
Sig	nature of t	the issuing a							
_	th office se	_	,						
Dat	e:								
Not	e: Only	the certific	ate issu	ed by	the Of	fficer	duly auth	orized	l by the
		ir-Force/co		•			-		-
Para	a-Military	Force Head	quarters,	as the	case may	y be, s	hall be ente	ertaine	ed.

ANNEXURE – IX

CERTIFICATE FOR THE EX-EMPLOYEES OF INDIAN DEFENCE SERVICES/PARA-MILITARY FORCES

Certified that Number		Rank		
Name	S/o	or –	D/o	Shri
Father / Mother	of			Resident
of Village Post	Office			- Tehsil
District	_		be	longing to
the State of Haryana, as per his/her ser	vice recor	d at the	time of	entry into
service, had served in the Army/Air-Fo	rce/Navy			•
(Nam	e of the	Para-Mi	ilitary Fo	rce) from
to			and sul	sequently
discharged/retired from the service on		as	per his/h	er service
record. At the time of entry into s	service the	e home	address	given is
·	(Distt)
Haryana. Signature				
Officer Commanding/ZilaSainik Board/ C	ompetent A	Authority	7	
(with office seal)	-			
Date:	Place:			

ANNEXURE-X

UNDERTAKING BY THE STUDENT

I, regist	(full name of student with admission / ration/enrolment number) S/o/D/o/Mr./Mrs./ Ms
1.	Having been admitted to (name of the Institution) I have received a copy of the AICTE regulations Dated 2009 on curbing the menace of Ragging in Higher Educational Institutions (hereinafter called the "Regulations") carefully read and fully understood the provisions contained in the said Regulations.
2.	I have, in particular, perused clause 4 of the Regulations and am aware as to what constitutes ragging.
3.	I have also, in particular, perused clause 5 (3) and clause 8 (4) (a) of the Regulation and am fully aware f the penal and administrative action that is liable to be taken against me in case I am found guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.
4.	 I hereby solemnly aver and undertake that a. I will not indulge in any behavior or act that may be constituted as ragging under clause 4 of the Regulations. b. I will not participate in or abet or propagate through any act of commission or omission that may be constituted as ragging under clause 4 of the Regulations.
5.	I hereby affirm that, if found guilty of ragging, I am liable for punishment according to clause 8 (4) (a) of the Regulations, without prejudice to any other criminal action that may be taken against me under any penal law or any law for the time being in force.
6.	I hereby declare that I have not been expelled or debarred from admission in any institution in the country on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging; and further affirm that, in case the declaration is found to be untrue, I am aware that my admission is liable to be cancelled.
Decla	
of	Vear

Signature of Student

Name

Address:

Telephone / Mobile No.:

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		UNI	ERT	TAKING	BY PA	ARENT	. / G l	UAR	DIAN			
I,							_ \	ull	name	of	parent	; /
guard	ian),	father	/	Mother		Guardi		of				
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_		/ enrolm		/								
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	-			ained in tl		_						
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Signa	ture o	of parent	/Gua	rdian								
Name	٠.											

ANNEXURE - XII

CERTIFICATE OF MEDICAL FITNESS

To be obtained from a Gazette Govt. Medical Officer/Medical Officer of a Govt. Under taking. Please note that this certificate in no other form will be accepted. (Please refer to the prescribed Medical Standards given below/HSTES Guidelines). Medical Certificates issued by private medical practitioners will not be accepted.

Name (In Block Le	etters)			
Father's Name Sh.				
Height	Weight		Chest	
Heart & Lungs		Vision: L	R	
Colour Vision		Hearing _		
Hernia/ Hydrocele	/ Piles			
Remarks:				
I certify that I have	e carefully exam	mined Mr. / Ms.		
Son/ Daughter of	Sh		_ who has signed in n	ny presence
He/She has no mei			FIT.	
Signature of Candi	idate		Signature of Medic	al Officer
Station			with legible	Seal
Date			Station:	
			Date:	

*PRESCRIBED MEDICAL STANDARDS FOR ADMISSION

An Engineering profession demands goods physique and stamina. An applicant who suffers from any organic defect or does not have sound health so as to bear the strain of the course which may be heightened in his/her professional life would be well advised not to take up the Engineering profession.

He/ She must fulfill the following Medical Standards:-

HEIGHT: Not less than 1.5 m. for male candidate and not 1.4 m. for female candidates.

WEIGHT: 41 kg. approximately for male candidates and 37 kg. approximately for female candidates.

CHEST: Not less than 69 cm with satisfactory limits of Measurement expansion and contraction for male candidates only.

HEART AND LUNGS: No abnormality.

HERNIAL, **HYDROCELE**: Presence of these is a temporary disqualification to be testified before joining the course of study.

VISION: Normal, where defective, it must be correct to 6/9 in the eye and 6/12 in the worse eye. Eye should be free from congenital and other diseases.

HEARING: Normal, where defective, it must be correct.



YMCA UNIVERSITY OF SCIENCE & TECHNOLOGY

(Established by Haryana State Legislative Act No.21 of 2009, Approved by AICTE & Recognized by U.G.C. U/s. 2(f) and 12(B) of U.G.C. Act 1956)

Serial No. For office use.....

Affix a Passport size Photograph (attested).

ADMISSION FORM

(for B.Tech./B.Tech(LEET)M.Tech./ MCA/MCA (LEET)/MBA/M.Sc./M.A./B.Sc. courses) (To be filled during reporting at YMCAUST) 1 A Tick one B.Tech./B.Tech.(II Yr through LEET)/M.Tech./MCA/MCA(LEET)/ MBA/M.Sc/M.A./B.Sc. Admission letter No./ Branch allotted 2 A CATEGORY HOGC(M)/HOGC(F)/SC(M)/SC(F)/BC-(M)/BC-A(F)/BC-B(M)/BC-(F)/PH(M)/PH(F)(Write one) B (Male/Female/Transgender) C JEE (Main) Rank 2017(Overall)/LEET Rank 2017/Other Rank D Relevant Roll No. 3 Particulars of Qualifying Exam 4 Name in Full 5 A Father's Name В Mother's Name 6 Date of Birth (dd/mm/yyyy) 7 Address for correspondence (with pin code)

.....

8	Permar (with p	nent Address in cod)		: 					
9	Date of Univer	f Reporting/Enrolme sity	ent in the	:	• • • • •				
10	Aadhaa	nr No.		:					
11.	Details	of Educational Qua	alification:						
Exan	n.	Subject	Year of Passing	Name the Board/ Univers	of	Relevant Roll No.	Maximum Marks	Marks Obtain ed	% age Marks
10 th				CHIVEIS	nty_				
12 th									
Dipl	oma								
B.Te Grac	ech/ luation								
M.T	ech.								
12		ty Community n,Christan,Sikh,Buc	lhist,Parsie	etc)	:				I
13	Family	Income per annum			:				
14	Interest	ted to Opt for Hostel	l or not		:				
15	List of	enclosures							
16	I have noted that I shall attend the classes of I semester on and if I fail to attend classes on, my admission shall stand cancelled automatically.								

DECLARATION BY THE CANDIDATE

I hereby declare that all the entries made in this form are correct. I further declare that I fulfill the minimum eligibility conditions laid down for admission. In case of detection of any false entry in respect of Qualifying examination / Reservation category / caste / Rank card/, my admission may be treated as cancelled at any time during the course of my study and I will have no claim for the Fee, etc.

Date: Place:	Signature of the candidate
DECLARATION BY THE FATHER	/ GUARDIAN OF THE CANDIDATE
maintenance and payment of fees during the I	has applied with responsible for his / her good conduct and its period he / she will be on the University Rolls. any act of ragging, and shall follow the code of
Date:	Signature of the Parents / Guardian

UNDERTAKING

- 1. I hereby undertake to devote myself to studies, games and such curriculum activities as are recognized by the University authorities during my stay in the University and shall appear in all the rests and examination whenever required to do so by the University authorities. I shall also abide by the rules / regulations of the University as amended from time to time.
- 2. I clearly understand that my name may be removed from the rolls of the University or I may be fined / rusticated or expelled from the University if directly or indirectly take part in any movement or agitation, to take part in the strike in the University for any reasons whatsoever or induce directly or indirectly any other student to do so or participate in any other activity, which in the opinion of the University authorities is subversive to University discipline.
- 3. I also understand that concealment of any material fact in my application or furnishing of wrong information, which might be detected at any stage even after my admission, would render me disqualified and all the money paid by me towards University fee etc. shall stand forfeited.
- 4. I hereby declare that I was never involved or punished in any case of discipline my school or college carrier so far. There is no enquiry pending against me with the

- School / College / Police / District Authorities in the state to which I belong. In case the above declaration is proved false, my admission in the YMCA University may be cancelled and the amount deposited be forfeited and I would not be entitled to any claim whatsoever on this account.
- 5. I also understand that may admission in YMCA University is provisional and subject to registration with University and in case it is detected after the admission that I do not fulfill the minimum eligibility conditions of admission, my admission will stand automatically cancelled and I shall have no claim so ever in this regard.
- 6. I also understand that by admission in the YMCA University is subject to the recognition of qualifying examination by University.
- 7. I also undertake that my admission is subject to verification of genuineness of all certificates.
- 8. I will not take alcoholic drink, drug etc. and if found under the influence of drinks, drugs, I am liable for strict disciplinary action including expulsion from the Hostel / University.
- 9. I also understand that besides the fees / dues deposited by me on my admission as first year student in YMCA University case, the dues are enhanced at any time by the Haryana Government / Directorate of Tech. Education, Haryana for the YMCA University, I shall deposit the difference in fees / dues as and when notified in the University.
- 10. I have to deposit Migration Certificate (M.C.) in original as & when required by the University.
- 11. I shall abide by the rules, regulations and discipline of the University.
- 12. I hereby undertake to submit the following documents up to failing which my provisional admission will stand automatically cancelled and I will not have any claim whatsoever in this regard.

Date	
	(Signature & Name of student)
	JEE(Main) / LEET / MCA / MBA/Other Rank

I certify that son / daughter / ward takes admission with my knowledge and consent and that I hold myself responsible for the good conduct and for his / her maintenance and payment of fees during the period he / she is on the University rolls. I also undertake that I will check the attendance of my son / ward.

Dated:	Signature of Parents/	Guardian
Daicu	Signature of rarents/	Guaruian

			APPENDIX – A						
	(To be filled by t	the candidate of B.Tech./B.Tec	ch. LEET)						
I	·	, JEE (Main)/OLET-	Rank/Merit No						
admitte	ed in YMCA University in	the branch of	of 1 st semester and deposited licate.						
two set	ts of attested photocopies of	the following documents in dup	licate.						
	10 th class certificate indicate								
2.	2. 10 + 2 Mark Sheet / Intermediate / Sr. Secondary Examination.								
3.	Graduation Certificate / Qu	nalified Exam. Certificate (if app	licable).						
4.	GATE score certificate in o	original for M.Tech. students on	ly.						
5.	JEE(Main) Admit Card/JE	E(Main) Rank Card/Other rank of	eard.						
6.	Photocopy of Migration Ce	ertificate (original to be deposite	ed as per further instructions)						
7.	Haryana Resident Certifica	, -	•						
8.	•	, if admission takes in Reserve C	Category.						
9.			l Govt. Medical Officer / Medical						
	Officer of the University.	, o common cm, mem cm20000	, 60, 11 11 11 11 11 11 11 11 11 11 11 11 11						
10		the school / college last attende	d						
		er / Family from competent auth							
		<u> </u>	•						
numbe		uments as per serial order men	ationed above except the following						
1.	1.								
2.									
۷.			Signature of Candidata						
D	4 - CD	. C	Signature of Candidate						
	t of Documents Verification								
		with originals and the above ca	andidate is eligible for admission /						
	the following discrepancies.	2							
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۷.									
	Signature , Name &	Signature, Name &	Signature, Name &						
	Designation	Designation	Designation						
	8	8	8						
			Dy. Registrar (Acad.)						
Please	accept fee and University ch	arges and return this form to the	undersigned						
1 icasc	accept fee and Oniversity en	larges and return this form to the							
			Dy. Registrar (Acad.)						
SAO									
Receiv	ed Sum of Rs	vide receipt	No dated						
	from	Rank No.	No dated on a/c of Tech.(LEET)/M.Tech./MCA/M.SC./						
Univer	sity tee and other	charges for B.Tech./B.T	ech.(LEET)/M.Tech./MCA/M.SC./						

Dy. Registrar (Acad) FOR ONLINE REPORTING TO HSTES

MBA/MCALEET/B.Sc.Course.

Signature of Cashier

APPENDIX – B

Signature of Cashier

(To be filled by the candidates of I																
I, M.Tech	n.(Gate Score)/MCA/M.Sc./ admitted in VMC/	M.A./MBA/ B.Sc.(Rank/Merit)/MCA A University in the branch of														
of 1^{st} semester	r and deposited two sets of	attested photocopies of the following														
(LEET-Rank/Merit) No. admitted in YMCA University in the branch of 1 st semester and deposited two sets of attested photocopies of the following documents in duplicate.																
 1. 10th class certificate indicating Date of Birth. 2. 10 + 2 Mark Sheet / Intermediate / Sr. Secondary Examination. 3. Graduation Certificate / Qualified Exam. Certificate (if applicable). 4. GATE score certificate in original for M.Tech. students only. 5. Rank /merit Card. 6. Photocopy of Migration Certificate (original to be deposited as per further instructions) 																
								7. Haryana Resident Certificate, if applicable.								
								8. SC/ BC /PH /certificate, if ac		ategory.						
										ted Govt. Medical Officer / Medical						
								Officer of the University.	•							
								10. Character Certificate from th	ne school / college last atten	ded.						
11. Income Certificate of Father	•															
	•	entioned above except the following														
number:	nemes as per serial order in	continued decree encope the rone wing														
1.																
2.																
		Signature of Candidate														
Report of Documents Verification C	Committee	S														
		candidate is eligible for admission /														
found the following discrepancies.	8	8														
1	3															
2	4															
Signature , Name &	Signature, Name &	Signature, Name &														
Designation	Designation	Designation														
		Chairman (Admission Committee)														
Please accept fee and University char	ges and return this form to	he undersigned.														
		Chairman (Admission Committee)														
SAO																
Received Sum of Rs	vide recei	pt No dated														
from	Rank No	pt No dated on a/c of MBA/MCA LEET/B.Sc.Course.														
University fee and other charges for N	M.Tech./MCA/M.SC./MA/I	MBA/MCA LEET/B.Sc.Course.														

Chairman (Admission Committee)

HOSTEL FORM

YMCA UNIVERSITY OF SCIENCE AND TECHNOLOGY, FARIDABAD

Application form for the assignment of accommodation in the Hostel (To be filled by the admitted students only)

Name	
Branch: Semester.	
Institute Roll No. (If Allotted) / JEE Rank	
Category: Gen/SC(A)/SC (B)/BC(A)/BC(B)/PH/ESM,	
If any, please specify admitted	
Permanent Address:	
*(Student) Mobile No	
Correspondence Address	
Father's Name	
Father's Occupation*(Home) LL NO	
Mob	

I here gone through the rules of the hostel mentioned in the prospectus of the University. I will abide the same and any other instruction issued to the hosteller during the period of stay in the Hostel. I undertake not to apply for the exemption from the hostel throughout the session. However the fee room rent etc will not be refunded if any candidates leave the hostel under any special circumstances.

Signature of Candidate

Signature of Parents/Guardian

I have checked the condition and the serial no of inventory handed over to me. I will be responsible for these items during my stay in the hostel. If there will be any damage to the hostel property issued to me. I will be responsible for the replacement of the damaged item.

Signature of Candidate

<u>Undertaking by Hos</u>	teller Regarding
I	vill not indulge in any kind of ragging emises and outside the University. If lon against me as per guidelines of
	Signature of Candidate
FOR OFFICE U	USE ONLY
Demand Draft No	Hostel Fee Slip No.
Amount (in Rs.)	Amount (in Rs.)
Name of Issuing Bank	Date of Fee Slip
Room Allotted	
Signature Warden Signature Add. Chi	ef Warden Signature Chief Warden

Y.M.C.A UNIVERSITY OF SCIENCE & TECHNOLOGY

(To be filled by admitted students only)

Library Membership Form (IN CAPITAL LETTERS ONLY)

Name of student	Paste Photo (Don't staple or pin up)
Father's Name	
Course/Branch	
Permanent Address	
E-mail & Contact no	
Y.M.C.A UNIVERSITY OF SCIENCE & TECHNOLOGY (To be filled by admitted students only)	
(To be filled by admitted students only)	
Form for Student I-Card (IN CAPITAL LETTERS ON	NLY)
Name of student	Paste Photo
Father's Name	(Don't staple or pin up)
Date of Birth	
Course/Branch	
Roll No. (to be allotted by the University)	
Permanent Address	
F-mail & Contact no	

YMCA UNIVERSITY OF SCIENCE & TECHNOLOGY

NAAC 'A' Grade Accredited State 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)

List of Graduate and Post-graduate programs

4-year B.Tech. Degree Courses:

- Computer Engineering(60 Seats)
- Information Technology(60 Seats)
- ❖ Electronics & Instrumentation Control(60 Seats)
- Electronics & Communication Engineering(60 Seats)
- Mechanical Engineering(120 Seats)
- ❖ Electrical Engineering (60 Seats).
- ❖ B.Tech.(II year lateral entry) (20% of intake of B.Tech. courses)

Post Graduate Programs:

- M.Tech.(Computer Engineering)(18 Seats)
- ❖ M.Tech. (Manufacturing & Automation Technology) (18 Seats)
- M.Tech. (Power Systems) (18 Seats)
- ❖ M.Tech. (Electronics Instrumentation & Control)(18 Seats)
- ❖ M.Tech. (Information Technology) (18 Seats)
- ❖ M.Tech. (Networking Engineering) (18 Seats)
- ❖ M.Tech. (VLSI) (18 Seats)
- ❖ M.Tech. (Electronics & Communication Engineering) (18 Seats)
- Master of Computer Applications (30 Seats)
- ❖ MCA Lateral Entry to II Year (20% of intake of MCA Courses)
- ❖ Masters of Business Administration(specialization in Financial Management, HR Management, and Marketing Management) (60 Seats)
- ❖ Master of Business Administration (specialization in Retail Management, Supply Chain Management, E-commerce and Travel & Tourism)(60 Seats)
- M.Sc.(Physics) (60 Seats)
- **❖** M.Sc. (Maths) **(60 Seats)**
- ❖ M.Sc. (Chemistry) (60 Seats)
- ❖ M.Sc. (Environmental Sciences) (35 Seats)
- ❖ M.A. (Journalism & Mass Communication) (30 Seats)

Other Programs

- ❖ B.Sc. (Physics Hons.) (60 Seats)
- Ph.D. Programs
- Courses offered in Community Colleges

(Certificate Programme Courses)

- a. Electrician
- b. Welding
- c. Air-conditioning

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