

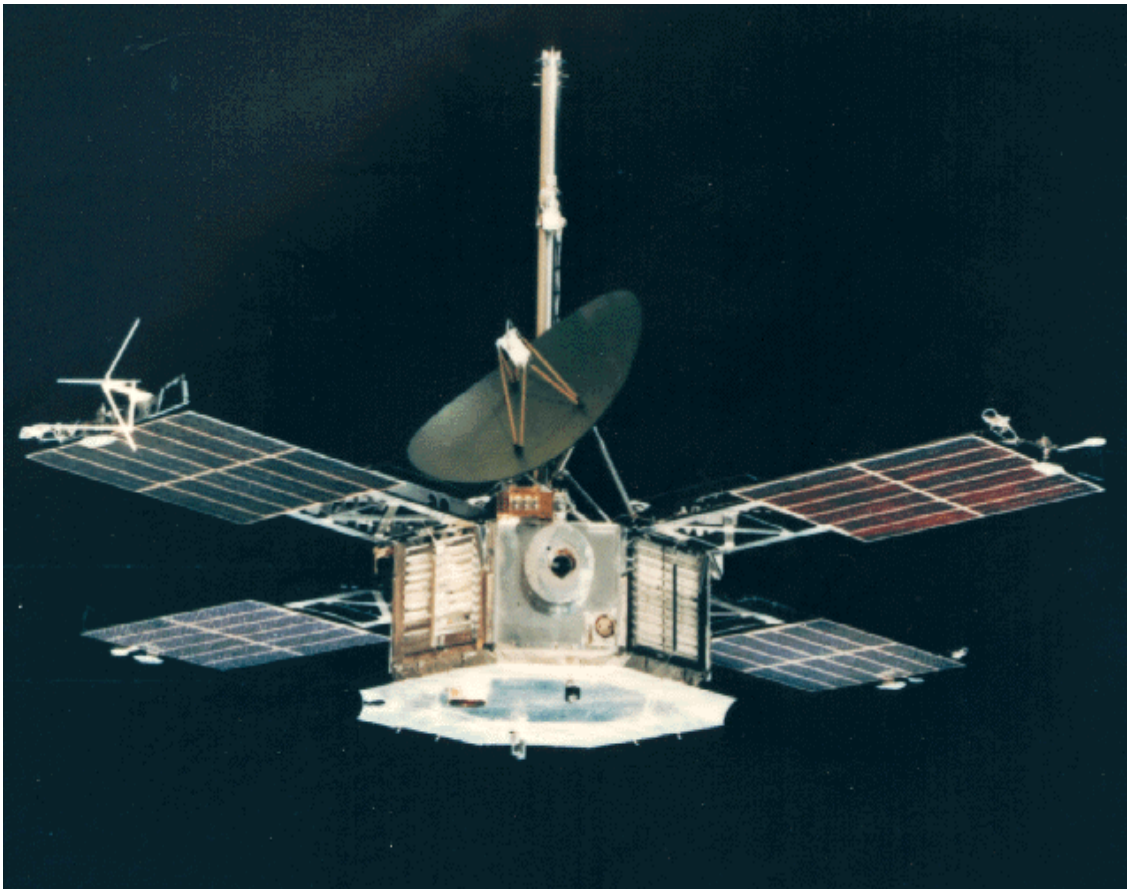


YMCA UNIVERSITY OF SCIENCE & TECHNOLOGY

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

PROSPECTUS FOR MSc PROGRAM

SESSION 2010-12



Mohinder Kumar, IAS
Vice Chancellor
YMCA University of Sc.&
Technology,
Faridabad

Message

Technical Education plays an important role towards creating highly skilled technical manpower which is employable in an equally competitive market.

YMCA University of Science and Technology, Faridabad, is a pioneer Institution that has been providing qualified, trained manpower to the industry since its inception as an Indo German project in 1969. It has produced large number of entrepreneurs who are actively contributing in the socio – economical development of the country in general and the state of Haryana in particular.

I convey my best wishes to faculty and staff members of the University who have made this esteemed Institutions a success. My best wishes to the students also for their bright future.

Mohinder Kumar

YMCA UNIVERSITY OF SCIENCE & TECHNOLOGY

YMCA University of Science & Technology (erstwhile YMCA Institute of Engineering) was started as an Indo-German project and was established in 1969 as a joint venture of National Council of YMCA of India, Government of Haryana & Central Agencies for Development Aid, Bonn Germany. The YMCA University was established by Act XXI, of 2009 as a state University on 01/12/2009. Hon'ble Shri Mohinder Kumar, IAS, is the present Vice Chancellor of the University.



The University offers the following **Graduate, Post-graduate and PhD programs:**

B.TECH DEGREE COURSE:

- ❖ COMPUTER ENGINEERING
- ❖ INFORMATION TECHNOLOGY
- ❖ ELECTRONICS & INSTRUMENTATION CONTROL
- ❖ ELECTRONICS & COMMUNICATION ENGINEERING
- ❖ MECHANICAL ENGINEERING
- ❖ ELECTRICAL ENGINEERING.

POSTGRADUATE PROGRAMS:

- ❖ M.TECH. IN COMPUTER ENGINEERING
- ❖ M.TECH. IN IT ENGINEERING
- ❖ M.TECH. IN NETWORKING
- ❖ M.TECH. IN MECHANICAL (MANUFACTURING & AUTOMATION TECHNOLOGY)
- ❖ M.TECH. IN ELECTRICAL ENGINEERING
- ❖ M.TECH. IN ELECTRONICS ENGINEERING
- ❖ M.TECH. IN VLSI
- ❖ M.TECH. IN EMBEDDED SYSTEM
- ❖ MASTERS OF COMPUTER APPLICATIONS
- ❖ MASTERS OF BUSINESS ADMINISTRATION
- ❖ M.Sc.(PHYSICS) WITH SPECIALIZATION IN ELECTRONICS
- ❖ M.Sc. (MATHEMATICS)

} From session
2010-11

PhD PROGRAMS

The University is starting more courses from the ensuing session. The salient features of German education have been retained as such, and thus the University stands apart from other colleges of Haryana. Since its inception, the University has emphasized greatly on practical work related to industry.

INFRASTRUCTURE

COMPREHENSIVE LIBRARY:

The focal point of the University is the well-stocked library having more than 50000 books of the latest editions, foreign & Indian journals and periodicals in all fields of engineering, management and other general areas, audio-video cassettes and CD-ROMs. It has ample space with a seating capacity of about 100 students. The library has internet facility and a Digital Library.



RESIDENTIALITY:

One of the key contributors to an University and effective learning experience is living in campus. There are four boys' and two girls' hostel inside the University campus. Each hostel has common room with facilities like Wi-Fi internet, magazines and basic recreational facilities, which provide students with a homely atmosphere that strengthens the feeling of belongingness. Three messes with seating capacity of 200 students each provide nutritious food at reasonable prices. Hostel will be provided to the student subject to the availability.

HEALTH CENTRE:

The University has full time MBBS doctor and a part time lady doctor. Health centre provides consultation and treatment for common ailments.

CANTEEN:

The YMCA campus has a canteen facility with a plethora of options to cater to the palates and budget of students.

CONFERENCE & SEMINAR HALL:

The University has a well-equipped conference & seminar halls.

AWARDS AND SCHOLARSHIPS

Various awards and scholarships are given to the students of the institution on the basis of merit /means as per different schemes of the Govt.

OBJECTIVES OF M.Sc PHYSICS:

In recent years, direct applications of Physics have extended to fields as diverse as industries , communication, space, biology and medicine. The M.Sc. Program of this university will cater to the needs of ever increasing application oriented world of today.

OBJECTIVES OF M.Sc MATHEMATICS:

The application Mathematics to all branch of science is well known and it has increased many fold during the last few decades. Knowledge of Mathematics is therefore imperative for carrying out research and it forms a necessary input for Industrial and Technology development of the country.

NUMBER OF SEATS

(1) Total no. of seats is 30 in MSc. (Physics with Electronics) with the following break-up:

CATEGORY	NO. OF SEATS
All India General Category	05
Haryana General Category	12
SC/ST	05
BC (A)	04
BC (B)	03
Physically Handicapped (P.H)	01

(2) Total no. of seats is 30 in M.Sc. (Mathematics) with the following break-up:

CATEGORY	NO. OF SEATS
All India General Category	05
Haryana General Category	12
SC/ST	05
BC (A)	04
BC (B)	03
Physically Handicapped (P.H)	01

In addition to the above there will be one seat reserved for Kashmiri migrant as per state Govt. norms.

There exist 25% seats reserved for girls in each respective category. In case any/further change by State Govt. in the meantime, that will also be followed in totality.

ELIGIBILITY CONDITION:

M.Sc (Physics)

B.Sc (Hons) in Physics with at least 50% marks or B.Sc with at least 50% marks in aggregate with Physics as one of the subjects.

M.Sc (Mathematics)

B.Sc (Hons) in Mathematics with at least 50% marks or B.Sc with at least 50% marks in aggregate with Mathematics as one of the subjects.

Note:

1. Final Marksheet of the qualifying exam should be submitted by 31st August 2010 failing which the admission stands cancelled automatically.

PAYMENT OF FEES:

The selected candidates have to pay the fee of Rs 49000 per Annum at the time of admission, and other mandatory charges as per state Govt. rules. The candidate may bring the draft of Rs. 30480 (one semester fee + University charges) in the favour of Registrar, YMCA University of Science and Technology Faridabad.

NOTE: In any circumstances if a candidate fails to prove his/her eligibility by the prescribed date (as mentioned in brochure) to the M.Sc. program, admission would be cancelled and claim on refund will be subjected to state Govt. of Haryana and as per YMCA University norms.

FACULTIES OF M.Sc.(Physics) PROGRAM



The department presently has the following faculty to teach M.Sc. Physics:

Dean and Chairman : Prof. V.K. Bansal

Faculty Members

Name	Qualification	Specialization.
Dr. Anuradha Sharma	MSc., PhD	Microwaves
Dr. Sonia Bansal	MSc., MTech. PhD	Laser Spectroscopy and Nano Technology
Dr. Maneesha Garg	MSc., PhD	Conducting Polymers
Dr. M.K. Yadav	MSc., PhD	Colloidal Physics

The services of following regular faculty members from different departments are also to be utilized to fulfill the specialized and interdisciplinary needs of the MSc. Program:

Dr. Ashok Kumar	M.Tech., PhD	Power System
Mr. Munish Vashisth	M.Tech., Pursuing PhD	Semiconductor Material
Ms. Sangeeta Dhall	B.Tech, M.Tech.	Electronics
Ms. Neetu Gupta	B.Tech, M.Tech	Electronics
Ms. Preet Kaur	B.Tech, M.Tech	Communication
Mr. Pradeep Kumar	B.Tech, M.Tech	Electronics
Ms. Archana Agarwal	B.Tech, M.Tech	Communication
Ms. Priyanka Gandhi	B.Tech, M.Tech	Communication

FACULTIES OF M.Sc. (Mathematics) PROGRAM

The department presently has the following faculty to teach M.Sc. Mathematics:

Dean and Chairman : **Prof. V.K. Bansal**

Faculty Members

Name	Qualification	Specialization
Ms. Neetu Gupta	MSc., M.Phil PhD (Thesis submitted)	Queueing Theory
Ms. Reena Garg	MSc., M.Phil	Fluid Dynamics
Ms. Jyoti Grover	MSc.	Algebra
Ms. Meenakshi Singla	MSc., M.Phil	Topology

The services of following regular faculty members from different departments are also to be utilized to fulfill the specialized and interdisciplinary needs of the MSc. Program:

Dr. Ashok Kumar	M.Tech., PhD	Power System
Ms. Anju Gupta	M.Tech., PhD Pursuing	Power System
Ms. Jyoti	M.Tech., PhD Pursuing	Computers
Mr. Harish	M.Tech., PhD Pursuing	Computers

YMCA UNIVERSITY OF SCIENCE & TECHNOLOGY

Faridabad

Serial No. For office use.....

Affix a Passport size
Photograph (attested).

Four Passport size
photographs will also
be required at the time
of admission.

APPLICATION FORM FOR ADMISSION TO MSc. (2010-12)

1. CATEGORY: GENERAL / SC /BC : _____
2. Name in Full (in block letters) : _____
3. Father's Name (in block letters) : _____
4. Date of Birth (dd/mm/yyyy) : _____
5. Address for correspondence : _____

_____ PIN _____

Ph. No. _____ Mob. No. _____ Email Id: _____

6. Details of Educational Qualification:

Examination	Year of passing	Name of the College/ University	Maximum Marks	Marks Obtained	% age Marks or CGPA
10 th					
12 th					
B.Sc.					
Others					

7. Details of D.D for Rs 1000/-

D.D.No _____ Dated _____ Bank & issuing branch _____

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 / caste certificate, my admission may be treated as cancelled at any time during the course of my study and I will have no claim what so ever.

Date:

Place:

Signature of the Applicant

FOR OFFICE USE ONLY

All the particulars of the below mentioned candidate have been checked and found to be correct.

Dealing Asstt.

Dy.Suptd.(Acad)

Name of Candidate : _____

S/o / D/o Shri : _____

M.Sc Mathematics / Physics. Merit No. : _____

has deposited a sum of Rs. _____

vide University Receipt No. _____ Dated _____

Cashier

LIST OF ENCLOSURES (Please put Tick Mark):

bring three attested photocopies and original for verification purpose of the following:

1. Class 10th Certificate indicating date of birth.
2. 12th mark sheet.
3. Qualifying degree certificate(B.Sc.)
4. Detailed Marks Card of the Qualifying Examination.
5. Character Certificate from Head of the Institution last attended / from the last employer.
6. SC / BC Certificate (if applicable) issued by competent authority in the format prescribed by the Government.
7. Medical Fitness Certificate from a Gazetted Medical Officer.
8. Conversion Table / Formula showing equivalence between percentage and CGPA of the qualifying examination, if any.
9. Migration Certificate(To Be Deposited in Original)
10. Haryana resident certificate
11. Income Certificate of father/family from competent authority.
12. Gap year Certificate (If required)

SNAPSHOT

IMPORTANT DATES

S.No	Event	Date & time
1.	Availability of Brochure cum Application form on University website www.ymcaie.ac.in	1/8/2010 to 16/8/2010
2.	Last date for receipt of completed application forms	16/8/2010 Upto 4.00 P.M.
3.	Counseling for Admission	18/8/2010 at 10 A.M.
4.	Commencement of the classes	25/8/2010

NOTES:

- ❖ The Application Form can be downloaded from the University website www.ymcaie.ac.in and should be accompanied with a bank draft of **Rs. 1000** (for general category) and **Rs 250** (for SC/ST Candidates) drawn in favour of **Registrar YMCA University of Science and Technology, payable at Faridabad.**
- ❖ Applications, complete in all respect should reach at YMCA University, sector-6, Mathura Road, Faridabad latest by 16/08/2010 before 4.00 P.M. either through registered post or by hand.
- ❖ All the candidates should appear for the counseling on date and time as notified above along with all original certificates, 3 attested copies of all documents and 4 passport size photographs.
- ❖ Disputes, if any, would be settled in Faridabad jurisdiction.