



UNIVERSITY OF MUMBAI

Admission Notification for M. Tech. Degree in Computer Engineering For Academic Year 2018-19

Applications are invited from eligible candidates for Admission to M. Tech. (Computer Engineering) program at Kalyan Sub-center University of Mumbai. Eligibility Criteria is as per DTE norms. Please refer University website www.mu.ac.in. for admission schedule and application form. Last Date for online submission of forms : 04 / 09 / 2018

Date : 23 /08/2018

Registrar

Instructions

1. Please read the Instructions, Rules & Regulations carefully before filling of Application form.
2. Candidate has to use the prescribed Application Form only. It can be downloaded from Website. Soft copy & PDF format both are available on University website.
3. Candidates can download PDF format and fill the form in handwriting. or he can download the Soft copy & neatly type the same in A4 Sheet.
4. Please ensure that application sent by post shall reach in time.
5. Application Fee of Rs.500/- for Open category candidates and Rs. 300/- for reserve category candidates is to be paid through DD which shall be in the name of **Finance & Accounts Officer, University of Mumbai.**
6. Application completed in all respect along-with all necessary enclosures and DD of application fee be submitted to University before 5.00 pm on or before 4th September, 2018. at following address :

Asst. Registrar – TAAS (UT)

University of Mumbai,

Room No. 113,M. G. Road, Fort Campus,

Mumbai – 400 032



UNIVERSITY OF MUMBAI
School of Engineering Sciences

Kalyan Sub - Center
Gandhar Nagar, Khadakpada,
Kalyan - West, Maharashtra - 421301

Affix a
Passport Size
Photograph

Application Form for Admission to
M.TECH.(COMPUTER ENGINEERING) PROGRAM FOR AY 2018-19

1	Full Name is Capital Letter <i>Beginning with Surname - Self name</i>				
2	Father's Full name <i>Beginning with Surname</i>				
3	Mother's Full name <i>Beginning with Surname</i>				
4	Birth Date			Birth Place	
5	Religion		Caste		Category
6	Sex (M/F)		Mother Tongue		
7	Permanent Address				
8	Present Address				
9	Telephone No. with STD code				
10	Mobile Nos.				
11	Email ID				

12	Score in GATE		Year of qualifying GATE		
13	Name of qualifying Degree				
14	Month and Year of Passing Degree Examination		No. of Attempts		
15	Name of the institution (<i>Passing Degree Examination</i>)				
16	Name of the University (<i>Passing Degree Examination</i>)				
17	Elective subjects in final year				
18	Marks obtained in Final Year Degree Examination		Total Marks	Percentage Obtained	
19	Professional Experience (If Any)	Yes / No		No. of Years / Months	
20	Name of the Employer : Organization / Industry / Institution		Post Occupied	Period of Working	
				From	To
a)					
b)					
c)					
d)					
21	Whether sponsored by present employer (Y/N)			Attach Sponsorship letter	
22	Name and Address of the Present Employer				
	Telephone No. with STD code				
22	Copies of the following certificates should be attached strictly in order (Tick against the certificates attached)				
	Degree Passing Certificate		GATE Score card		
	Mark-sheet of degree Exam-all Semester		Experience Certificates (If claimed)		
	S.S.C. Mark-sheet		S.S.C. passing Certificate		
	H.S.C Mark-sheet		H.S.C. Passing Certificate		
	Nationality & Domicile Certificate		Sponsorship letter (if any)		
	NOC by Present Employer (if any)		<i>Any other</i>		

DECLARATION BY CANDIDATE

I _____ (Name) hereby declare that :

- i) I have read all the Instruction before filling in this form of application for admission to M.E. Course during the current year.
- ii) The information given by me in my application is true to the best of my knowledge and belief.
- iii) I have not been debarred from appearing at any examination held by Government constituted or statutory examination authority in India
- iv) I understand that no other document, other than those attracted to the application from will be entertained for the purpose of admission .
- v) I hereby agree to confirm to any rules, acts and laws enacted by Government and I hereby undertake that so long as I am student of the college, I will do nothing either inside or outside the college which may result in disciplinary action against me.
- vi) I fully understand that the Principal of the College where I may be admitted will have full liberty to expel/rusticate me from the college for any infringement of the rules of conduct and discipline prescribed by the College/University.

Place :

Date : _____ (Signature of the Candidate)

FOR OFFICE USE ONLY

Application **Accepted / Rejected** (Pls. Write) _____

Reason (s) for Rejection

1 _____

2 _____

3 _____

Checked by

Verified by

Signature

Signature

Name :

Name :

RECOMMENDATION OF THE PRESENT EMPLOYER

(For sponsored Category Candidates)

This is to certify that Shri./Smt./Kum. _____ is a full time employee of the Organization / Industry / Institution and he / she has been working as _____ since _____ I

have NO OBJECTION about his joining the full time M. Tech. Computer Engineering Programme at your University of Mumbai.

I am aware that the timings of the course are from 9.00 A.M. to 6.00 P.M. I will permit him / her to attend the college during these timing on all working days of the college & we hereby sponsor his candidature for same .

To the best of my knowledge and belief, his / her conduct and character are good.

Place :

Date :

SIGNATURE

*NAME AND DESIGNATION OF PERSON ()
AUTHORISED TO ISSUE THE CERTIFICATE*

*SEAL OR
RUBBER STAMP*

*NAME AND ADDRESS OF INDUSTRY
ORGANIZATION / INSTITUTION*

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Schedule of Admission Process

1. Availability of application form at website - 23 / 08 / 2018 onwards
to 03 / 09 / 2018
2. Candidates can submit application form - up-to 04 / 09 / 2018
with all documents & Application fee - till 5.00 pm.
- 3 Display of first Merit List - 06 / 09 / 2018
4. Verification of Documents & Admissions - 07 to 11 Sept., 2018
5. Display of Second List for vacant seats - 12th September, 2018
6. Date of admission for vacant Seats - 14 to 15 Sept., 2018
7. First term to be started - 18th September, 2018

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UNIVERSITY OF MUMBAI

School of Engineering Sciences

at

Kalyan Sub-Center

Rules and Regulations

for admission to

M. Tech. (Computer Engineering)

with

Choice Based Credit & Grading System

from

Academic Year 2018 - 19 onwards

Preamble

M. Tech. in Computer Engineering programme is offered to students who are interested in advanced learning and research in any area of Computer Science and Engineering. Applicants to this programme are expected to have a background in Computer Science and Engineering or Information Technology.

The objective of the programme is to enable the learner to apply his/her enhanced skill and knowledge at the top research laboratories and companies in the country and even abroad.

The programme is a 72-credit degree programme, which is usually spread over 4 semesters for a full-time student. About two-thirds of the credits involve coursework, and the remaining consists of project work.

The emphasis is on conducting original research and writing a thesis individually. The programme is flexible enough to allow a student to specialize in any topic of interest by taking elective (optional) courses and working on a research project in that area.

University of Mumbai feels that it is desirable to provide specialized M. Tech. programme in Computer Engineering to address the needs of the industry, which today requires more specialized resource in each field.

School of Engineering Science, University of Mumbai, Kalyan Sub-center has taken a lead in incorporating philosophy of Choice Based Education in the process of curriculum development.

Important objectives of the new program

The objective of this program is industry-relevant curriculum and train the manpower required to meet the industry needs. The curriculum is aimed at giving strong theoretical foundation and hands-on exposure in Advanced Operating Systems, Embedded System Design, Cloud Computing, Big Data, Distributed Computing and Image Processing.

Graduate will be competent in technical skills to cater the needs of the local industry, academic institutes, R & D institutions, administration, entrepreneurship, leadership for the overall up-liftment of society.

Graduate of Program will be able to analyze real life problems, design computing systems appropriate to its solutions that are technically sound, economically feasible and socially acceptable.

Graduate will exhibit professionalism, ethical attitude, communication skills, teamwork in their profession and adapt to current trends by engaging in lifelong learning.

Need for a Focused and Dedicated Program

Efficient and resource – optimal computing is extremely important in today's world. There is increased need for advancement in computer architecture and integration of computer hardware, software, algorithms and data management techniques. The advanced knowledge of these aspects enhances career prospects in computing. M Tech in Computer Engineering is intended to train the students in advanced areas in the core courses and specialized areas in Computer Engineering. The mandatory project work empowers the students to gain in-depth knowledge.

Curriculum Design and Teaching Methodology

Course curriculum for the new program should be designed as per choice based credit system.

Course curriculum for the new program has been designed to meet the course objectives. The quality standard of the curriculum is slightly higher than the other M. Tech. programs keeping in mind the high standards demanded by the global companies and hence provides higher career placement potential.

The subjects chosen are based on its' requirements in industry rather than crowding the curriculum with too many specialized subjects.

Syllabus content has been decided duly considering its utility value for industry/business application.

The emphasis is on the quality of the syllabus content and not on exhaustive coverage of the topic.

Teaching methods for the program will be combination of conceptual lectures, case study analysis and Practical or hands on projects. On campus training followed by on the industry internship are intended to augment the application capability of the students.

Curriculum includes training in relevant areas of information technology, Research work and communication / Presentation Skills.

The quality of examinations would match with University standards and prescribes a higher minimum score for pass; to call for more directed efforts on the part of the students.

About University

University of Mumbai carved out in 161 years of its functioning attests to its manifold achievements as the intellectual and moral powerhouse of the society. The University has always given its best to the country in general and to the city of Mumbai in particular by enthusiastically shouldering an ever-growing load of social values and opportunities.

Initially, the University concentrated its efforts on controlling teaching at the undergraduate level and in conducting examinations. Later on it took up research and the task of imparting instructions at the Post-Graduate level. This resulted in the establishment of the various University Departments beginning with the School of Sociology and Department of Civics & Politics. The independence of the country led to the re-organization of the functions and powers of the University with the passing of the then Bombay University Act of 1953.

It has two campuses of areas 243 acres and 14 acres at Vidyanagari and Fort respectively; sub-centers at Ratnagiri 20 acres, Thane 6.50 acres and Kalyan 6.26 acres with 60 University Departments & Institutes and around 800 affiliated colleges. It has established its name in industrial & International collaborations and runs various professional courses.

Intake

The intake for the M. Tech. (Computer Engineering) program is 30 and reservation is as per norms of DTE and State of Maharashtra.

Fees

Tuition Fee for First year : Rs.65,000/- and Admission Fee of Rs. 500/- for Open category candidates and Rs. 300/- For reserve category candidates. Other fees like library fee, laboratory fee, caution money, etc. is as per University norms.

Eligibility criteria for M. Tech. (Computer Engineering) Program

Candidates seeking admission to M. Tech. in Computer Engineering programme will have to fulfill the eligibility criteria set by Directorate of Technical Education (DTE), Maharashtra, to be considered for admission. The important eligibility criteria for admission are given below:

1. The candidate needs be an Indian National.
2. Hold a Bachelor's degree in the relevant field of Engineering / Technology from an All India Council for Technical Education or Central or State Government approved institution or its equivalent with minimum 50% marks (45% in case of candidates belonging to backward class categories and persons with disability and belonging to the State of Maharashtra) as per the DTE eligibility criteria.
3. Candidate should have passed B. E. / B. Tech. Degree in branch of Computer Engineering or Computer Science or Information Technology or Electrical Engineering or Electronics Engineering or Instrumentation Engineering or Power Electronics or Electronics & Telecommunication Engineering.
4. Must have obtained a positive (non-zero) score in GATE.

Admission Process

University of Mumbai, School of Engineering Sciences, Kalyan is offering program leading to Post Graduate degree in Master's of Technology (M. Tech.) since Academic Year 2018-19.

Admissions to this program are based on primarily on the valid GATE score as per the norms set by the DTE.