



Tolani College of Commerce

Re-Accredited by N.A.A.C With 'A' Grade

(3rd Cycle) with CGPA of 3.03

Degree College

Bachelor of Science (Information Technology)

Prospectus 2021 - 2022

ABOUT THE PROGRAM

The College started offering the B.Sc.I.T. Program from the academic year 2012-2013. Students from Commerce and Science streams who have studied Mathematics as one of the courses in the XIIth std or equivalent are eligible to take admission to the B.Sc.I.T Program. The program is for students who have an aptitude for and interest in information technology. The College has one division with an intake capacity of 60 seats each in the first, second and third years of the Program. Students earn total credits of 120 on successful completion of the Program.

COURSE DETAILS

First Year B.Sc.I.T.				
Sr. No:	Semester I	Credits	Semester II	Credits
1	Imperative Programming	2	Object oriented Programming	2
2	Digital Electronics	2	Microprocessor Architecture	2
3	Operating Systems	2	Web Programming	2
4	Discrete Mathematics	2	Numerical and Statistical Methods	2
5	Communication Skills	2	Green Computing	2
6	Imperative Programming Practical	2	Object oriented Programming Practical	2
7	Digital Electronics Practical	2	Microprocessor Architecture Practical	2
8	Operating Systems Practical	2	Web Programming Practical	2
9	Discrete Mathematics Practical	2	Numerical and Statistical Methods Practical	2
10	Communication Skills Practical	2	Green Computing Practical	2
	Total Credits in the semester	20	Total Credits in the semester	20

Second Year B.Sc.I.T.				
Sr. No:	Semester III	Credits	Semester IV	Credits
1	Python Programming	2	Core Java	2
2	Data Structures	2	Introduction to Embedded Systems	2
3	Computer Networks	2	Computer Oriented Statistical Techniques	2
4	Database Management systems	2	Software Engineering	2
5	Applied Mathematics	2	Computer Graphics and Animation	2
6	Python Programming Practical	2	Core Java Practical	2
7	Data Structures Practical	2	Introduction to Embedded Systems Practical	2
8	Computer Networks Practical	2	Computer Oriented Statistical Techniques Practical	2
9	Database Management systems Practical	2	Software Engineering Practical	2
10	Mobile Programming Practical	2	Computer Graphics and Animation Practical	2
	Total Credits in the semester	20	Total Credits in the semester	20
Total Credits in the Second Year				40

Third Year B.Sc.I.T.				
Sr. No:	Semester V	Credits	Semester VI	Credits
1	Software Project Management	2	Software Quality Assurance	2
2	Internet of Things	2	Security in Computing	2
3	Advanced Web Programming	2	Business Intelligence	2
4	Artificial Intelligence	2	Principles of Geographic Information Systems	2
5	Enterprise Java	2	Cyber Law	2
6	Project Dissertation	2	Project Implementation	2
7	Internet of Things Practical	2	Security in Computing Practical	2
8	Advanced Web Programming Practical	2	Business Intelligence Practical	2
9	Artificial Intelligence Practical	2	Principles of Geographic Information Systems Practical	2
10	Enterprise Java Practical	2	Advanced Mobile Practical	2
	Total Credits in the semester	20	Total Credits in the semester	20
Total Credits in the Third Year				40

Admission Procedure

F.Y.B.SC. (I.T.)

Eligibility

Link to the University of Mumbai Eligibility Conditions:

<http://archive.mu.ac.in/courses/Faculty%20of%20Science.pdf>

List of documents to be submitted for admission to first year of the Undergraduate Programs.

Important Note: Please note that under the current pandemic situation the dates for submission of physical copies of documents will be intimated based on Government of Maharashtra & University of Mumbai directives pertaining to relaxation of lockdown. Candidates and or their parents/guardians are requested not to visit the College till such time

1. All students who wish to apply for any of the Undergraduate programs must submit the following on the dates intimated by the College:

- a) Copy of the University of Mumbai Pre-admission Online Form (*)
- b) Copy of the College Online Admission form (*)
- c) Three photocopies of mark sheets of H.S.C./equivalent of XIIth std.examination.
- d) Photocopy of Leaving Certificate of H.S.C./equivalent of XIIth std.
- e) Photocopies of mark sheets & Passing Certificate of S.S.C./equivalent of Xth std.
- a) Photocopies of Certificate of Learning Disability (L.D.) & that of being Physically Challenged (if applicable).
- f) Photocopy of Blood Group Report.
- g) Photocopy of Aadhar Card.
- h) Photocopy of valid caste certificate, if belonging to any reserved category.

2. Additional documents required from candidates applying under the Sindhi Linguistic Minority Quota:

Affidavit on a stamp paper of Rs.100/- (Rupees One Hundred Only) , certified by a Notary stating that the candidate belongs to the Sindhi Linguistic Minority.

3. Additional documents required from candidates having a gap of more than two years in their Education between passing the Xth std. equivalent examination and XIIth std. equivalent examination:

Affidavit on a stamp paper of Rs.100/- (Rupees One Hundred Only), certified by a Notary stating the reason for the Gap of more than two years in the Education between passing the Xth std. equivalent examination and XIIth std. equivalent examination.

4. Additional documents required from candidates who have passed H.S.C./ equivalent of XIIth std. from other than Maharashtra State Board:

- a) Original and photocopies of mark sheets and Passing Certificate of H.S.C./equivalent of XIIth std. examination
- b) Original and two photocopies of Transference / Leaving Certificate.
- c) Original and two photocopies of Migration Certificate (In the event there is no practice of issuing Migration Certificate by the Board, the candidate shall produce a letter to this effect from the Board)

5. Students belonging to SC, ST, DT, NT, OBC & SBC categories who wish to apply for scholarship/freeship are requested to bring the following documents and should contact Mr. Prakash Dalvi, superintendent before paying their fees:

- a) Photocopy of Aadhar Card
- b) Photocopy of valid Caste Certificate (Maharashtra State Only)
- c) Income Certificate issued by Tahsildar's Office, Mumbai.
- d) Photocopy of Ration Card.
- e) Photocopies of mark sheets of examination of S.S.C./Xth std equivalent, H.S.C./XIIth std equivalent.
- f) Saving Bank Account in Union bank or Corporation bank has to be opened and the Account details have to be submitted.

Note:

1. **Please carry the Original documents for verification purpose only.**
2. **(* Kindly upload photo (Max Size 115kb) and signature (Max Size 15-18kb). Mention the name in 'English' (As per H.S.C. mark sheet), Name in 'Devnagiri' (Marathi) should be strictly entered in the following format: (Surname- Name – Father's name - Mother's name) as the same cannot be changed/edited once entered in the pre-admission online enrolment form.**
3. **The admission will remain purely on PROVISIONAL basis till the receipt of confirmation of enrolment from University of Mumbai.**

Fees:

Note: The College strictly adheres to the fee structure prescribed by University of Mumbai. Fees have to be paid online.

- **Admission Form & Prospectus Fees: Rs. 100/-.** To be paid at the time of online submission of Tolani College Form
- **Program Fees: [Click here for the Program Fee Structure](#)**

P.S. Fees are likely to be revised by the University of Mumbai / Government of Maharashtra.

ATTENDANCE REQUIREMENTS

As per the provisions in the University ordinance issued from time to time

EXAMINATION & EVALUATION

As per the directives of University of Mumbai, the Choice Based Credit, Grading and Semester Systems will be followed.

The Degree Programme will comprise of Six Semesters spread over three years. Each Year will consist of two semesters.

The students will be briefed about the details of the Choice, Grade and Semester system at the commencement of the academic year.
