

# Excellence

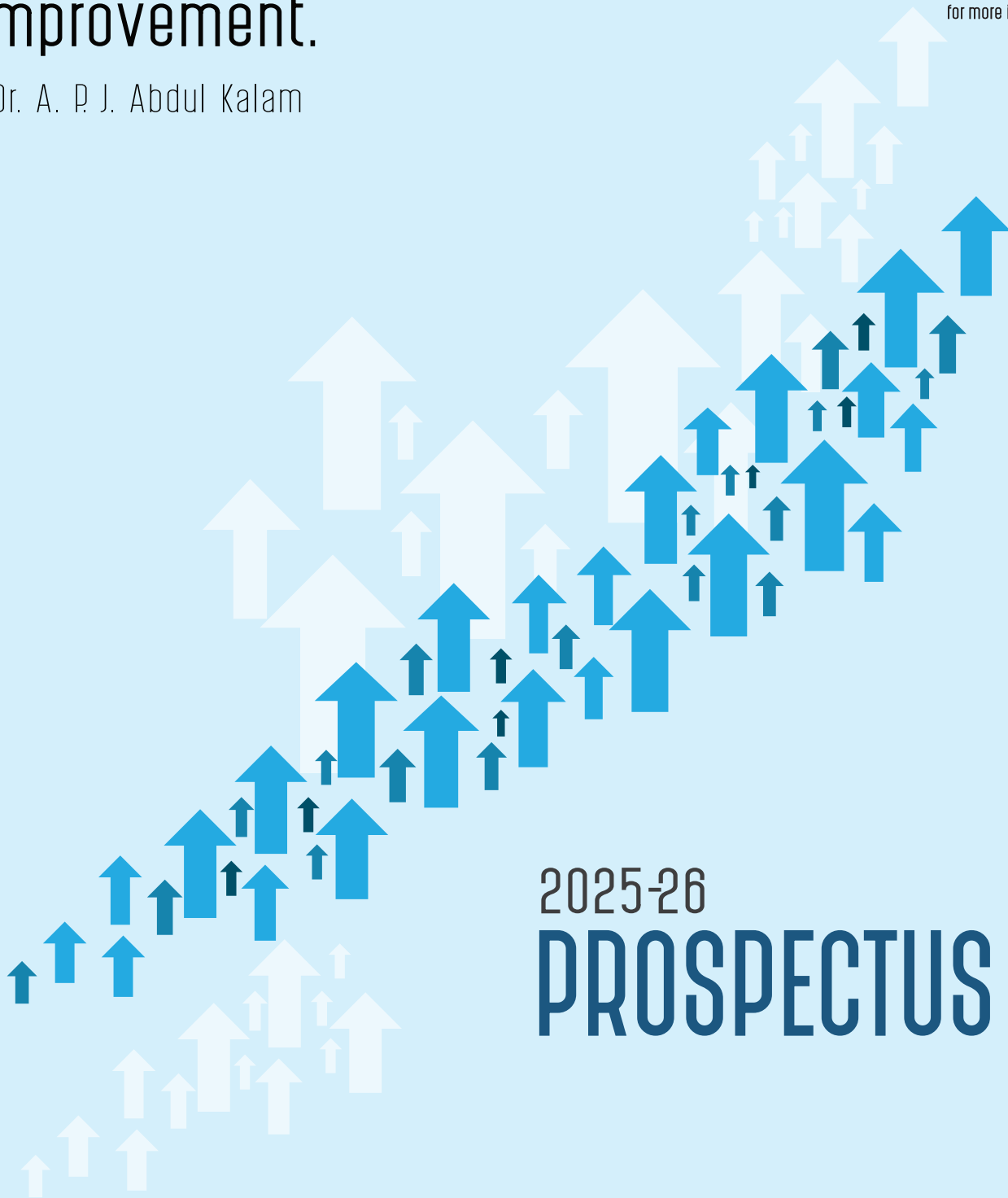
happens not by accident but because of  
**constant** and **continuous**  
**improvement.**

-Dr. A. P. J. Abdul Kalam

SCAN HERE



for more information



## 2025-26 PROSPECTUS



*Thakur Educational Trust's (Regd.)*

**THAKUR COLLEGE OF SCIENCE & COMMERCE**

Empowered Autonomous College Permanently Affiliated to University of Mumbai  
(NAAC Accredited with Grade "A" (3rd Cycle) & ISO 21001:2018 Certified)

Best College Award by University of Mumbai for the Year 2018-2019





# PROGRAMS @TCSC

Classes in Junior College	First Year/ Second Year in Science Stream .....	11
	First Year/ Second Year in Commerce Stream .....	11
Undergraduate Programs in Degree COMMERCE	Bachelor of Commerce - B.Com. ....	18-20
	Bachelor of Management Studies - (B.M.S.) / B.Com. Management Studies - B.Com. (MS) ..	20-22
	B.Com. Accounting & Finance - B.Com.(A&F) .....	23-24
	B.Com. Banking & Insurance - B.Com.(B&I) .....	24-25
	B.Com. Financial Markets - B.Com.(FM) .....	25-26
	B.Com. Investment Management - B.Com.(IM) .....	27-28
	B.Com. Honours - B.Com.(Hons) .....	28-29
	B.Com. International Accounting - B.Com.(IA) .....	29-30
	B.Com. Entrepreneurship - B.Com. (Entrepreneurship) .....	31-32
	B.Com. Digital Business - B.Com. (DB) .....	32-33
	B.Com. Service Industry Management - B.Com (SIM) .....	34-35
	B.Com. in Business Administration (Professional Accountancy & Financial Management) - B.Com. (PA&FM) .....	35-36
	Bachelor of Sports Management - B.S.M. ....	36-37
	B.Com. in Banking, Financial Services & Insurance - B.Com. (BFSI) <b>Proposed</b> .....	70
Undergraduate Programs in Degree ARTS	Bachelor of Arts Multimedia & Mass Communication - B.A.(M.M.C.) .....	37-38
	Bachelor of Arts Film, TV & New Media Production - B.A.(F.T.N.M.P.) .....	39-40
Undergraduate Programs in Degree SCIENCE	Bachelor of Science - B.Sc. ....	40-47
	B.Sc. Computer Science - B.Sc. (CS) .....	48-49
	B.Sc. Information Technology - B.Sc. (IT) .....	49-50
	B.Sc. Biotechnology - B.Sc. (Biotechnology) .....	51-52
	B.Sc. Aviation / Bachelor of Aviation Science .....	52-53
	B.Sc. Data Sciences - B.Sc. (DS) .....	53-54
	B.Sc. Actuarial Sciences - B.Sc. (AS) .....	55-56
	B.Sc.Animation & VFX - B.Sc. (AVFX) .....	56-57
	B.Sc. Artificial Intelligence & Machine Learning - B.Sc. (AI&ML) .....	58
	B.Sc. Interior Design - B.Sc. (ID) .....	59
Postgraduate Programs in Degree COMMERCE & ARTS	Master of Commerce E-Commerce - M.Com. (E-Comm.) .....	60
	Master of Commerce Advanced Accountancy - M.Com.(AA) .....	61
	Master of Commerce Banking & Finance - M.Com.(B&F) .....	62
	Master of Arts Entertainment, Media & Advertising - M.A.(E.M.A.) .....	63
Postgraduate Programs in Degree SCIENCE	Master of Science Organic/ Inorganic Chemistry - M.Sc. (Org/ Inorg Chem) .....	64
	Master of Science Information Technology - M.Sc. (IT) .....	65
	Master of Science Computer Science - M.Sc. (CS) .....	66
	Master of Science Data Science - M.Sc. (DS) .....	67
	Master of Science Zoology - M.Sc. (Zoology) .....	68
	Master of Science Botany - M.Sc. (Botany) .....	69
	Master of Science (Clinical Research, Data Analytics & Health Care Sciences) <b>Proposed</b> ..	70
Ph.D. Research Centre	Ph.D. (Chemistry)	
	Ph.D. (Physics)	
	Ph.D. (Zoology)	
	Ph.D. (Botany)	
	Ph. D. (Information Technology) .....	71



# CONTENTS

About us  
#TCSC

Founding Inspiration  
Our Philosophy  
Momentous Milestones @TCSC  
About the Institute  
Academic Autonomy

4-7

Management  
@TCSC

Message from the Chairman  
Message from the Trustee  
Message from the Principal

8-10

Admissions  
@TCSC

Admissions - Junior College  
NEP Framework @Degree College  
Admissions - Undergraduate &  
Postgraduate Programs  
Scholarships & Freeships

11-17

Programs  
@TCSC

18-70

Undergraduate Commerce Programs  
Undergraduate Science Programs  
Postgraduate Commerce Programs  
Postgraduate Science Programs  
**New Programs**

71-82

Ph.D.  
TCSC Innovation & Incubation Centre  
Rules and Regulations  
Examination Rules under NEP 2020  
Infrastructure  
Committees & Associations

Academic  
Ecosystem  
@TCSC

83-89

Student Placement @TCSC  
International Collaborations  
Distinguished Guests @TCSC Campus  
Student Administrative Services  
Scholarships & Awards

vital information  
of TCSC

About us  
#TCSC

Institutes of  
Thakur Educational Group  
Administration @TCSC

90-91

# FOUNDING INSPIRATION



Late Shri Thakur Ramnarayan Singh



Late Shri Thakur Shyamnarayan Singh

## OUR PHILOSOPHY

### OUR VISION



“To be leading educational institution by providing world class education in diverse emerging disciplines to produce conscientious and learned professional who significantly contribute to Socio-Economic Development of the Nation.”

### OUR MISSION



“We, at the Thakur College of Science & Commerce will strive to achieve excellence through Quality Education by providing the right academic ambience for overall development of the Students.”

### OUR GOALS & OBJECTIVES

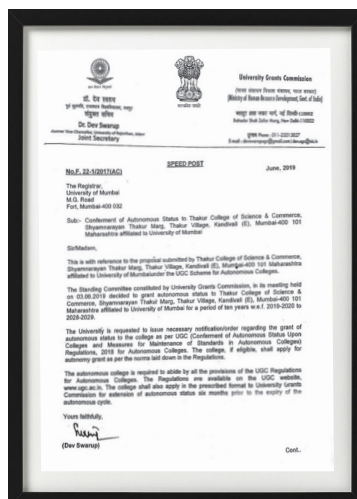


- To impart Quality Education through knowledge and skills in the chosen area of study.
- To provide opportunities for co-curricular, extra-curricular and extra mural activities aimed at all round development of student's personality.
- To develop individuals with multifaceted personality who will shoulder responsibilities of the family, the society and the Nation.

### NAAC Certification



### Autonomous Certification



### ISO Certification





# MOMENTOUS MILESTONES OF



## EMPOWERING EVENTFULL LEGACY

2024-2025



Conferred  
Empowered Autonomous  
Status; Received DST-FIST  
Grant 2024

2022-2023



Awarded Prestigious  
National Award for NSS  
at Rashtrapati Bhavan,  
New Delhi

2021-2022



Celebrated 25 years of glorious  
education; Awarded "Pride of  
Maharashtra- 2021"

2019-2020



Autonomy conferred by UGC;  
"Best College Award"  
by the University of Mumbai

2018-2019



Granted  
DBT-Foldscope  
Research Project

2003-2004



Initiation of NAAC Accreditation;  
College has successfully  
completed 3 Cycles of Accreditation

1997-1998



Commencement of  
Degree College



## About the Institute

### **Thakur College of Science & Commerce: A Legacy of Excellence and Empowerment**

Thakur Educational Trust (TET) established Thakur College of Science & Commerce (TCSC) in 1992 with a vision to enhance human potential through high-quality, industry-relevant education. What began with a single division of 58 Junior Science students has now flourished into a multifaceted institution offering a diverse range of programs across various disciplines to over 15,000 students. Affiliated with the University of Mumbai, the college attained Academic Autonomy in June 2019, marking a significant milestone in its pursuit of academic excellence. This Autonomous status gives greater academic freedom to design innovative programmes to meet industry needs, skill-based courses for employability and a quest for excellence.

At TCSC, we embrace diversity and provide students with numerous opportunities for academic, personal, and professional growth. Our vibrant learning environment encourages students to showcase their talents and skills through curricular, co-curricular, and extracurricular activities, fostering leadership, organizational, and managerial abilities.

#### **Recognition & Prestigious Accolades**

- **Best College Award (2018-19):** Conferred by the University of Mumbai for outstanding academic and institutional contributions.
- **Autonomous Status:** Conferred by the University Grants Commission (UGC) for a period of 10 years (2019-2029), enabling us to design innovative, skill-based programs aligned with industry needs.
- **National Service Scheme (NSS) Award (2020-21):** Received from the Ministry of Youth Affairs and Sports, presented by Hon. President Droupadi Murmu at Rashtrapati Bhavan, New Delhi (24th September 2022).
- **Pride of Maharashtra Award (2021):** Bestowed by the Government of Maharashtra, received from the Governor of Maharashtra.
- **BIG IMPACT Award (2024):** Recognizing Thakur Educational Trust as Impact Makers in the city for their entrepreneurial contributions.
- **Empowered Autonomous College Status (2024-25):** TCSC has been conferred the Empowered Autonomous College Status to award joint degrees with University of Mumbai

#### **Academic Excellence**

Thakur College offers a wide spectrum of programs, including Junior College (Science & Commerce), Undergraduate and Postgraduate Degrees (Science, Arts & Commerce) and Ph.D. Research Centre in Chemistry, Zoology, Physics, Information Technology and Botany.

#### **State-of-the-Art Infrastructure**

The Campus is spread over 1.81 acres of land surrounded by the lush greens of National Park in the bustling community of Western Suburban Mumbai. The colossal structure of seven floors investigates the curiosity of the learners with ICT enabled classrooms, high-tech Science and Technology laboratories, Language and Media Labs, Library etc. The scope of research and innovation is further enhanced with Research and Development Centre, Centre for Excellence, Incubation and Innovation Lab and International Centre for Foreign Studies. The multifunctional Auditorium, Seminar Hall, Presentation Room, Dance Studio and Recreation Spaces add to campus dynamism in prompting co-curricular and extra-curricular activities.





## **Holistic Development & Global Exposure**

Believing in a student-centric learning environment, the college nurtures both academic excellence and extracurricular talent.

- **Sports & Athletics:** A fully equipped Gymkhana, Cricket field, Football ground, Basketball Court, Volleyball Ground and Football Turf with international-level coaching.
- **NSS, NCC:** Students actively participate in social service initiatives and represent the college at the Republic Day Parade in New Delhi.
- **Academic Linkages:** The College has been actively promoting industry-academia linkages to provide skill development and vocational training for employment and entrepreneurial opportunities.
- **TAARANGAN Fest:** Our flagship inter-collegiate academic and cultural festival, attracting talent across the city and featuring celebrity guests from diverse fields.
- **Industry & Corporate Exposure:** Regular field trips, Industrial visits, Seminars and Conferences equip students with real-world corporate insights.
- **International Collaborations:** Academic partnerships with leading universities in Canada, Australia, and United States of America to enable students to explore global career opportunities.
- **Placement & Career Development:** Our dynamic Placement Cell facilitates recruitment from top-tier companies, ensuring excellent job placements for graduates and postgraduates.
- At Thakur College of Science & Commerce, we are committed to shaping future leaders by nurturing intellect, fostering innovation, and empowering students to excel in their chosen fields.

## **Academic Autonomy at Thakur College of Science & Commerce**

Thakur College of Science & Commerce was granted **Academic Autonomy** by the **University Grants Commission (UGC)** under the University of Mumbai in June 2019. This autonomy empowers the College to design industry-relevant curricula, introduce innovative skill development programs, offer tailored credit systems and conduct independent examinations - marking a significant milestone in its academic journey.

The College governance structure comprises of **Governing Body, College Development Committee, Academic Council, Board of Studies, Examination Committee and Finance Committee**. These bodies work collectively to bridge the gap between academia and industry, ensuring curriculum relevance and fostering continuous educational advancements. Each subject is overseen by a dedicated **Board of Studies**, which includes distinguished academicians, university representatives, industry experts, corporate professionals, and alumni.

The **Academic Council** plays a pivotal role in overseeing academic affairs, maintaining curriculum quality and enhancing the teaching-learning experience at both **Undergraduate and Postgraduate** levels. The College has also adopted the **Choice-Based Credit System (CBCS)** for greater flexibility in learning pathways.

## **Significance of Academic Autonomy:**

Autonomy enables the College to evolve as a **center of excellence**, fostering **global competencies, character development and social responsibility**. Key benefits include:

- **Industry-Oriented Curriculum:** Flexibility to design courses aligned with evolving industry trends.
- **Enhanced Student Choice:** Wide range of elective courses to suit individual interests.
- **Continuous Assessment:** Ensuring fairness and consistent student performance evaluation.
- **Innovative Pedagogy:** Project-based assessments and modern educational tools.
- **Student-Centric Learning:** Adoption of advanced teaching methodologies.
- **Community Engagement:** Promotion of social justice initiatives and community projects.
- **Global Collaborations:** Partnerships with international institutions for broader learning opportunities.
- **Skill-Based Certifications:** Industry-relevant certificate courses to enhance employability.

Through this **autonomous status**, TCSC continues to redefine education by integrating **academic excellence with practical expertise** to prepare students to excel in a dynamic global landscape.

## **Minority Status**

The college has been granted Minority Status, whereby 50% of seats are reserved for Hindi speaking linguistic minority as per G.R. No. ASN 1099/Lang (278/99) MASHI-3 dated 1st October 1994.

## Message from the CHAIRMAN



**Shri. Virendra Kumar S.  
Singh**  
*Honourable Chairman,  
Thakur Educational Trust*

**"Knowledge is power.**

**Information is liberating.**

**Education is the premise of progress, in every  
society, in every family."**

These words by Mr. Kofi Annan reverberate the ethos of Thakur Educational Trusts which has been harbingering an educational revolution in shaping the future of the nation. For over three decades now, our aim at Thakur Trusts is to provide quality education to all the students and the testament of our commitments are the vibrant academic campuses with 25 distinct Academic institutions imparting quality education for the students of diverse backgrounds in and around Mumbai.

Thakur College of Science & Commerce (TCSC) was one of our initial undertakings which has now grown leaps and bounds to stand true to our belief system. From being an educational institution offering traditional Undergraduate in 1997 to being a sought-after institution with academic excellence in Mumbai.

The College is NAAC accredited, following ISO defined academic and administrative procedures, offering a wide variety of Programmes: Junior College with Science & Commerce Streams, Undergraduate & Postgraduate Programmes in Science & Commerce disciplines and Ph.D. Research.

Its relevance can be well scaled with numerous laurels, awards and recognitions received including being awarded Autonomy by University Grants Commission and Empowered Autonomy Status and Best College Award by University of Mumbai to name a few.

We are creating a world where Knowledge is the "Weapon of Mass Construction". Knowledge is the power which flows through our classrooms and is defining economic landscape and progress is visible by the difference made by our students and alumni in making this world a better place to live.

We welcome you to Thakur Trusts and we hope your association with us leads to fruitful outcomes.



## Message from the TRUSTEE

**“Choices are the hinges of destiny.”  
– Pythagoras**

Dear Students,

The journey of education is not just about acquiring knowledge but about shaping your future. As you step into this crucial phase of your academic and professional life, you will be presented with numerous career choices. Each path comes with its opportunities and challenges and the decision you make today will influence the direction of your life.

At TCSC, we are committed to providing you with the resources, guidance and opportunities to explore various fields so that you can make an informed and fair choice. It is important to choose a career that aligns with your interests, skills and aspirations rather than being influenced by temporary trends or external pressures. A smart decision walks with tides of time and devours the opportunities of future.

Thus, we at Thakur College of Science & Commerce are here to allow you to explore the infinite possibilities of the complex and dynamic world. We will help you meander your career and seek self-discoveries which promotes personal and professional successes.

Success involves forging a path that not only brings personal fulfilment, but also consistently challenges you to expand your capabilities and allows you to positively impact the society.

This journey is both internal and external. You will metamorphose into an individual with the skills of 21st century but rooted into the traditions and values of our age old heritage.

Choose wisely and trust yourself to create to destiny that you are proud off.

Wishing you all the best on this journey of self-discovery and success and welcoming you to TCSC to help you mould your career.



**Shri. Jitendra R. Singh**  
*Honorary Secretary,  
Thakur Educational Trust*



## Message from the PRINCIPAL



**-Dr. (Mrs.) Chaitaly T.  
Chakraborty**  
*Principal,  
Thakur College of Science &  
Commerce*

**"Dare to be free, dare to go as far as your thought leads, and dare to carry that out in your life." -  
Swami Vivekananda**

It is with great pride and enthusiasm that I welcome you to Thakur College of Science & Commerce, an institution dedicated to nurturing young minds and empowering future leaders. At TCSC, we believe that youth empowerment is not just a concept but a driving force behind innovation, progress and positive change in society.

Education is the most powerful tool that enables you to break barriers, challenge norms and innovate for a better tomorrow. Alongside academic excellence, qualities such as leadership, resilience and social responsibility play a crucial role in shaping you into individuals capable of making meaningful contributions to society.

Empowerment begins with education, but it thrives through opportunities, leadership and resilience. We urge you to seize every opportunity to learn, grow and make a difference. Your journey at TCSC is not just about acquiring a degree; it is about discovering your true potential, shaping your future and leaving a lasting impact on the world. I urge you to embrace learning beyond the classroom, explore your passions and believe in your potential.

Empower yourselves through education, skill development and community engagement. Never underestimate the power of your ideas and actions, for they hold the promise of transforming not only your lives but also the world around you.

Let us work together to build a generation of empowered individuals who are not just prepared for the future but are ready to lead it.

Wishing you all success and empowerment in your journey ahead!

# Admission - Junior College

## ELIGIBILITY CRITERIA

Students passing S.S.C. Examination (Std. X) from Maharashtra State Board of Secondary & Higher Secondary Education (MSBSHSE) considered equivalent to S.S.C. Examination of the any other State Board of Secondary Education.

## ADMISSION GUIDELINES

1. Admission to Hindi Linguistic Minority and In-house students will be done at the College Level before the online admission on the basis of merit. Students must submit the following documents:
  - Attested Photocopy of Mark sheet (Std. X)
  - Attested Photocopy of School Leaving Certificate / Transfer Certificate along with Original Copy.
  - Linguistic Undertaking (Self Attested)
2. All other category admissions will be done as per Merit List declared by Board (Govt. Of Maharashtra).
3. Admission to the F.Y.J.C. will be as per the online system introduced by the Government of Maharashtra / Deputy Director of Education, Mumbai.
4. The schedule will be announced on the college website, [www.tcsc.edu.in](http://www.tcsc.edu.in) after the S.S.C. result declaration.
5. Students failing to secure admission by paying fees on the day, date, and time specified will lose their claim for admission. No claim in this respect will be entertained later for any reason what so ever.
6. All admissions are provisional and will only be confirmed after verification of documents submitted.

## SEAT DISTRIBUTIONS\*

Intake: A) F.Y.J.C. Science : 1320 | B) F.Y.J.C. Commerce : 1800

Minority Students (Hindi Speaking)	50 % of seats
In-House Quota	10 % of seats
Management Quota	5 % of seats
Servicemen / Ex-servicemen Quota	5 % of seats
Arts & Cultural Quota	2 % of seats
Sports Quota	3 % of seats
Physically Handicapped Quota	3 % of seats
General Quota	22 % of seats

\*(Subject to Education Department's Decision)

## Subjects offered Science & Commerce - Junior College

### SCIENCE - F.Y.J.C. and S.Y.J.C.

#### Compulsory Subjects:

1. English
2. Physics
3. Chemistry
4. Environment Education & Water Conservation
5. Health & Physical Education

#### Optional Subjects:

1. Hindi or Marathi or French
2. Mathematics
3. Biology
4. Computer Science
5. Information Technology
6. Electronics
7. Sociology

### COMMERCE - F.Y.J.C. and S.Y.J.C.

#### Compulsory Subjects:

1. English
2. Economics
3. Organization of Commerce and Management
4. Book Keeping and Accountancy
5. Environment Education & Water Conservation
6. Health & Physical Education

#### Optional Subjects:

1. Hindi or Marathi or French
2. Mathematics and Statistics
3. Secretarial Practice
4. Information Technology

### Documents Required :

- A. Hindi Linguistic Minority and In-house students
  1. Duly filled college admission form.
  2. Attested photocopy of Std. X mark sheet.
  3. Original School Leaving Certificate.
  4. Student's self-declaration form (for Hindi linguistic minority).
  5. Fees by Demand Draft drawn in favour of "Thakur College of Science and Commerce (Junior)" / Online Payment (as applicable).
- B. Students coming from Board other than Maharashtra State Board
  1. Application in the prescribed format.
  2. Original Statement of Marks and three photocopies of the same.
  3. Original Leaving Certificate / Transfer Certificate and three attested photocopies of the Leaving Certificate.
  4. Original Migration Certificate
  5. Copy of Aadhar Card
  6. Passing Certificate
  7. Proforma of Deed of undertaking available with eligibility form.
  8. Transcript of Syllabus of the subjects passed.
- C. Students seeking admission under sports and cultural category must attach true copy of relevant documents.

### NOTE:

Students should note that the original School Leaving Certificate or Transfer Certificate will be kept by the College permanently. Therefore, students should keep sufficient photocopies of Leaving Certificate or Transfer Certificate with them.

### Attendance Requirement:

As per the MSBSHSE Board's regulation, a student is required to have 75% of attendance in each term. A deficiency up-to 15% would be considered on Medical grounds, supported by time bound Medical Certificate. Further 10% deficiency for exceptional cases, as per the recommendation of the Principal would be considered.

## EXAMINATION PATTERN AND PASSING STANDARD

### F.Y.J.C. : Commerce and Science

Sr. No.	Name of the Examination	Month	Marks
1	Unit Test 1	End of August	25
2	First Terminal Examination	October / November	50
3	Unit Test 2	First Week of January	25
4	Annual Examination	March / April	100
5	Re-examination	After First Terminal / Annual Examination	50/100

### Re-examination :

Only for those students who inform the Principal in writing of their inability to appear for First Terminal / Annual examination because of ill health or reason beyond control and to the satisfaction of the Principal.

Note : Performance in every Test / Examination is taken into consideration while promoting to next higher class.

### Criteria for Granting Terms and for Promotion :

**Students of F.Y.J.C. (Science and Commerce) will not be promoted to S.Y.J.C. unless they fulfill the following conditions:**

- i) Attends at least 75% of the lectures, practicals, tutorials and performance in project / assignments in each term. If they do not fulfil this requirement, they will not be allowed to attempt the F.Y.J.C. Annual Examination.
- ii) Get their Journals certified by the concerned authority.
- iii) Secure a minimum of 35% on the average marks of the 1<sup>st</sup> Terminal and Annual Examination together with the Unit Test I and II in each subject.

### Gracing Rules :

- i) If a candidate appearing in all the subjects and fails in one or more subjects, the deficiency of marks in maximum 3 subjects to a maximum of 15 marks but not exceeding 10 marks in any one subject, shall be condoned for the purpose of passing the examination.
- ii) As per Board circular dated 4th January 2019, students who participate at State, National, Divisional, District and International level sports events and NCC, shall be eligible to get concessional marks in the college exam, as well as in H.S.C Board exam either for passing or for improving their percentage.



## Malpractice During Examinations :

As per notifications and norms of Maharashtra State Board of Secondary and Higher Secondary Education Students are forbidden to carry any written material, mobile phones, smart watches or any other material leading to malpractice inside the Examination Room. Under such circumstances, the Unfair Means Committee of the College can confiscate the material and scrutinize it. If found objectionable, they can declare the said subject of the respective examination as “Null and Void”.

## ADMISSION (S.Y.J.C.): Science and Commerce

Admissions to Std. XII for the students of Thakur College will be held immediately after the declaration of the result of Std. XI.

### Documents Required :

#### A) Students from Thakur College

- Admission Form
- Identity card of F.Y.J.C.
- Attested photocopy of mark sheet of F.Y.J.C. showing promotion to S.Y.J.C. class

#### B) Students from other colleges





- Admission Form
- No Objection Certificate from the Junior College last attended
- School Leaving Certificate of the college last attended
- Original and attested photocopy of mark sheet of F.Y.J.C showing promotion to S.Y.J.C. class

### S.Y.J.C. Science and Commerce Examination :

- The students should note that their performance and attendance in regular test / Examination will be taken into consideration while allowing them for the H.S.C. Board Examination.

- Attendance and performance at tutorials practicals and test series will also be given due weightage.
- Preliminary Examination for S.Y.J.C. is held in the month of December. The portion, pattern, and duration of the examination is same as prescribed by the Board for the H.S.C. Examination.
- There will be Board Examination (Higher Secondary Certificate Examination) at the end of the Academic year. This Examination will be conducted by the Maharashtra State Board of Secondary and Higher Secondary Education.
- The passing criterion is 35% of the appropriate marks, including theory and practical /orals in every subject of Science and Commerce.
- It is compulsory for Students to attend Health and Physical Education Exam that includes practical and theory.
- It is compulsory for students to submit Project and Journal Report for the subject of Environmental Education.

### The Higher Secondary Certificate Grades

-  75% and Above - Grade I with Distinction
-  60% to 74.99% - Grade I
-  45% to 59.99% - Grade II
-  All Other Successful candidates (Including the exempted) - Grade Pass

### Refund of fees:

As per the rule of Maharashtra State Board of Secondary and Higher Secondary Education.

## College Performance at H.S.C Board Examination:

Year	Board Result (XII)		College Result (XII)	
	Science	Commerce	Science	Commerce
2019 - 20	93.93%	91.27%	99.41%	98.12%
2020 - 21	99.45%	99.91%	100%	100%
2021 - 22	98.30%	91.71%	98.40%	96.68%
2022 - 23	96.09%	90.42%	93.00%	99.18%
2023 - 24	91.18%	88.15%	97.35%	99.00%

## A Transformative Vision for Education

The National Education Policy (NEP) 2020 marks a significant milestone in India's educational landscape, introducing a comprehensive restructuring aimed at fostering equity, accessibility, affordability, quality and accountability. It is the first major education policy reform since the National Policy on Education (1969) and (1986), reflecting a vision for holistic development and global competitiveness. NEP 2020 was formulated based on recommendations from a committee led by Dr. K. Kasturirangan, whose report was submitted on May 31, 2019.

With a revised curriculum framework, emphasis on research, innovation, technology-enabled learning and multidisciplinary education, NEP 2020 envisions a future-ready education system that integrates local and indigenous knowledge systems.

### **Structural Reforms in Education**

A shift from the traditional 10+2 system to a more comprehensive 5+3+3+4 model has been introduced in school education. At the higher education level, the degree structure now allows for flexibility through multiple pathways:

- i. A **UG Certificate** after completing 1 year (2 semesters) of study,
- ii. A **UG Diploma** after 2 years (4 semesters) of study,
- iii. A **Bachelor's degree** after 3 year (6 semesters) of study,
- iv. A **4-year bachelor's degree** (Honors) after eight semesters of study
- v. A **4-year bachelor's degree** (Honors with research) if student completes a rigorous research project.

The State of Maharashtra initiated the phased implementation of NEP 2020 starting from the academic year 2023-24.

### **Choice-Based Credit System (CBCS) Framework**

NEP 2020 introduces a Choice-Based Credit System (CBCS), allowing students to pursue a flexible and interdisciplinary education pathway:

- **Major Subject:** The primary area of specialization in the chosen degree program.
- **Minor Subject:** A secondary subject complementing the major, enhancing interdisciplinary knowledge.
- **OEC/GEC (Open/General Elective Course):** Courses chosen from unrelated disciplines to promote multidisciplinary learning and employability.
- **VSC (Vocational Skill Course):** Practical, hands-on training for employability, chosen from a set of options provided by the college and aligned with the major component.
- **SEC (Skill Enhancement Course):** Practical and soft-skill training courses offered by the college to increase employability.
- **AEC (Ability Enhancement Course):** Mandatory courses related to languages in English Communication and any Modern Indian Language other than English.
- **IKS (Indian Knowledge System):** Integration of India's rich cultural and heritage-based knowledge with the core subject.
- **VEC (Value Education Course):** Awareness-driven courses focused on social responsibility, ethical values, and lifelong learning.
- **OJT (On-Job Training)/Internship/ FP (Field Project)/ RP (Research Project)/ CEP (Community Engagement & Service):** Experiential learning opportunities that enhance communication, leadership, problem-solving and goal-setting skills.
- **CC (Co-curricular Courses):** Holistic development through NSS, NCC, Yoga, Health & Wellness, Fitness, Sports, Rotaract Club and Cultural Activities (Fine/Performing/Visual Arts).

<b>Basket of Co-Curricular Courses – 2 Credits (to be selected in Semester I/ II/ III/ IV)</b>	
National Service Scheme (NSS)	Indian Folk Dance (Garba)
National Cadet Corps (NCC)	Green Club
Sports	Lessons from Shrimad Bhagwad Geeta
Department of Lifelong Learning & Extension (DLLE)	Friends of Canines Club
Yoga	First Aid and Health
Cultural	Gender Equity & Sensitization





## A Future-Ready Education System

NEP 2020 provides a flexible and student-centric learning approach, integrating technology, industry- aligned skills and real-world experiences to prepare students for global opportunities. With its holistic and inclusive framework, this policy paves the way for India's educational transformation, ensuring that learners develop into responsible, innovative and skilled professionals of tomorrow.

## **Admission: Undergraduate and Postgraduate Programs**

Admission to the First-Year Under - Graduate programmes will be conducted as per the guidelines and schedule announced by the College. The admission schedule will be displayed on the college website, [www.tcsc.edu.in](http://www.tcsc.edu.in)

### **Admission Policy for First Year at UG & PG Programs:**

- Students must register online on the University portal link to be eligible to seek admission <https://muugadmission.samarth.edu.in/>.
- All admissions are as per the University of Mumbai guidelines for respective programme.
- 50% Seats are reserved for the Hindi Linguistic Minority.
- All admissions are provisional, subject to the approval of the University of Mumbai.
- Students are required to fill the University enrollment form, failing which the admission will not be approved by the University of Mumbai and will not be allowed to appear for the examination.
- It should be noted that Principal of the College has final authority to decide the courses in the selected programme.
- No candidate will be deemed as admitted to the college unless he/she submits the dully filled downloaded online form of University of Mumbai for Thakur College of Science & Commerce and has paid the necessary fees, deposits and obtained approval from the University.
- **Other Board /University Students Ordinance (O. 111):** Candidates from other than Maharashtra State Board of Secondary and Higher Secondary Education or Intermediate Education or any other Statutory examining body shall apply for provisional statement of eligibility with the prescribed fees and documents in the college office. Student should submit the other necessary documents within one week of the commencement of the semester in the college office (Counter 6) for the confirmation of the eligibility. If eligibility is not confirmed by the University, the terms kept for the academic year will be treated as "Null and Void".

### **Academic Bank of Credits (ABC)**

<https://www.abc.gov.in>

As per National Education Policy 2020, the Academic Bank of Credits (ABC) has been constituted by the Government of India to facilitate the academic mobility of students with an appropriate "credit transfer" mechanism.

It is mandatory for all the students from Degree College to register their names on the portal of Academic Bank of Credits (ABC) of the Government of India and obtain their ABC Registration ID.

They have to use your ABC Registration ID to appear for examination, declaration of results and all sorts of admission processes.

All the certificates of the student credentials will be deposited in the ABC Account of the student, which is connected to the Mobile Number and E Mail ID of the student.

Students are advised to maintain a **permanent mobile number and Email Address** for smooth functioning of the Academic Bank of Credit Account, Issuance of Certificates and Credit transfer. Hence, every student should have a permanent Mobile Number along with permanent E Mail ID, which should not be changed without a valid and authenticated reason.

## **ADMISSION PROCESS**

### **Admission Guidelines:**

#### **Step 1: Online Registration at University of Mumbai**

1. For preadmission, online registration of the University of Mumbai / College is mandatory. It is mandatory to complete the Pre-Admission Online Registration within stipulated time.
2. The students should take print out of online application form as per the registration of educational courses.

## Step 2 : Online Admission at the College

1. Login to College Website ([www.tcsc.edu.in](http://www.tcsc.edu.in)). Register yourself under new Registration Link.
2. Login with your username and password received.
3. If you have logged in successfully, you will get a form where you have to fill your Personal Details.
4. Now Click on submit button, you will get Confirmation dialog.
5. Confirmation of personal details, you will get Contact and Academic detail form. Here you have to fill the details.
6. Submit the printcopy of admission form in the college office along with the required documents.

### Documents Required:

- Printcopy of the University Free Admission Registration form (Online/Offline) for Thakur College of Science and Commerce
- Admission Form of the college (Downloaded From College App)
- Marksheet with Two attested photocopies
- H.S.C. leaving certificate with Two attested photocopies (Original to be submitted at the time of admission)
- Caste certificate (if applicable) and one attested photocopy (Original to be shown at the time of admission)
- Enrollment is compulsory and is online
- Payment of fees by DD in favor of “Thakur College of Science and Commerce (Degree)”/ Online Payment (as applicable).
- Insurance Form
- Academic Bank Credit Number (ABC No.)

### Important Note:

Students failing to secure admission by paying fees on the day, date and time specified will lose their claim for admission. No claim in this respect will be entertained later for any reason what so ever.

## **Admission : Second Year and Third Year Programmes**

Admissions to the Second and third Year of Degree Programmes will commence immediately after the declaration of results of Semester II and Semester IV examinations. Eligible learners must submit following documents:

### Documents Required:

- Admission Form of the College
- Photocopy of Aadhar card
- Latest electricity bill
- Xerox copies of grade cards of previous semesters
- Insurance Form
- Receipt of online payment of fees
- Academic Bank of Credits Number (ABC No)

Students from other colleges affiliated to the University of Mumbai will be admitted only on producing ‘No Objection Certificate’ from the Principal of the College last attended and their admission will be confirmed only on receipt of Transfer Certificate. For this purpose, they should submit a Transfer Certificate from their previous college with the PNR number along with fees to the college for actual admission.

### Mode of Payment:

Fees for Second and Third-Year programmes will be accepted online and the link will be available at college website.

### Termination of Registration:

Students who register in the college in the first semester but do not intend to rejoin the college for the second semester must inform the office in writing to that effect before the last day of the first semester.

## Scholarships & Freeships

Deserving students can apply through the appropriate channel, for Scholarships and Freeships. Freeship / scholarship for SC, ST, OBC and SBC category students are required to apply by online method or through the College office.

### **Types of Scholarships (Degree College)**

Post Matric Scholarship S C caste	mahadbt.gov.in
Post Matric Tuition & Exam fee S C caste	mahadbt.gov.in
Post Matric Scholarship VJNT, SBC, OBC caste	mahadbt.gov.in
Post Matric Tuition & Exam fee VJNT, SBC, OBC caste	mahadbt.gov.in
(DHE) State Government Open Merit Scholarship	mahadbt.gov.in
National Scholarship Portal (Central Govt. for Minority Students)	nsp.gov.in

For further details contact Counter No.6 at College office.

### **Requirement for Reserve Category SC / ST / OBC / SBC**

Online Application Form	Domicile Certificate
Caste Certificate	All previous year Mark Sheets
Income Certificate from Tahsildar	College Fee Receipt
Ration Card	Non-Creamy Layer Certificate (OBC)
Aadhar Card	Caste Validity
Students Nationalized Bank account details	

All the above attested photocopy of documents to be submitted in the college office.

### **Rajarshi Chhatrapati Shahu Maharaj Shikshan Shulkh Shishyavrutti Scheme**

Under this scheme of Directorate of Higher Education, scholarship is applicable for the economically weaker sections.

**How to apply:** Eligible students are required to fill their form on <http://mahadbtmahait.gov.in>

Eligibility (As Per GR Dated 7.10.2017, 31.3.2018 & 07.08.2018)

- Applicant should be Domicile of Maharashtra and should belong to Maharashtra State and Karnataka state border.
- Family annual income limit is up to Rs. 8.00 Lakhs.
- As per Government Resolution first two children of the applicant family are eligible for scheme.
- Only general category students can avail the scholarship.
- Courses from GR 07/10/17 (DHE courses) can apply.
- Applicant should not avail any other scholarship or stipend.
- Students admitted to B. Com./ BAF/ BFM & M. Com and any other non-professional courses approved (Government / University / AICTE, PCI / COA / MCI / NCTE / etc.) are eligible.
- During course, candidate should not have a gap of 2 years.
- Applicant should attempt every semester or annual examinations

### **Renewal Policy**

- Students who availed scholarship last year can apply for the renewal scholarship next academic year.
- To renew the application, student should use the application ID from the list published on website of [www.dhepune.gov.in](http://www.dhepune.gov.in), Higher Education Directorate.

### **Documents Required:**

- Domicile certificate issued by Authorized official.
- Annual income certificate issued by Authorized official for the last financial year.
- Gap Related Document (if there is a Gap).
- Family Declaration Certificate about two children.
- Attendance Certificate.
- Previous year's Mark sheet.
- Students Bank Details of Nationalised bank and Aadhar Card

# Bachelor of Commerce (B.Com.)

Intake- 840 students  
(Aided- 120 Students)

## About the Program:

Bachelors of Commerce programme provides specialisation in the domain of Commerce & Management and Accountancy. Students will be exposed to a variety of subjects from different domains like Economics, Law, Mathematics & Statistics, Indian Languages etc. As part of the extension and Co-curricular courses, the learners will be acquainted with practical applications of the domain subjects and life skills.

In the Second year (Level 5.0), each student will have to choose one of the two domains as a Major Component and the other being Minor component. For ex. In case the learner chooses Accountancy as Major, Commerce & Management will be its minor and vice versa.

## Eligibility Criteria:

A candidate for being eligible for admission to the Three/Four Year Degree Course leading to the Bachelor of Commerce must have passed the Higher Secondary School Certificate (Std. XII) Examination conducted by the different divisional boards of the Maharashtra State Board of Secondary and Higher Secondary Education OR Must have passed the Higher Secondary School Certificate (Std. XII) Examination with vocational subjects/minimum competency based vocational course conducted by the different divisional boards of the Maharashtra State Board of Secondary and Higher Secondary Education OR Must have passed an Examination of another University or Body recognized as equivalent to Higher Secondary School Certificate (Std. XII) Examination. Students from other University or Board of Secondary or Intermediate Education or any other Statutory examining body should refer to University Ordinance (O.111) on page. 15.

## Courses offered at First Year B.Com. (from AC. Yr.: 2023-2024)

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Accountancy & Financial Management- I	<b>04</b>	Commerce- II (Service Sector & Retail Management)	<b>04</b>
	Commerce- I (Business Environment)	<b>02</b>	Accountancy & Financial Management- II	<b>02</b>
<b>Minor</b>	NA	<b>NA</b>	Modern Trends in BFSI Sector	<b>02</b>
<b>Open/ General Elective (OE/ GE)</b>	Principles of Economics- I	<b>02</b>	Principles of Economics- II	<b>02</b>
	Mathematical & Statistical Techniques- I	<b>02</b>	Mathematical & Statistical Techniques- II	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Logical Reasoning & Grooming	<b>02</b>	Digital Marketing	<b>02</b>
<b>Skill Enhancement Course (SEC)</b>	Information Technology in Accounting	<b>02</b>	Advanced Excel	<b>02</b>
<b>Indian Knowledge System (IKS)</b>	Indian Knowledge System	<b>02</b>	NA	<b>NA</b>
<b>Value Education Course (VEC)</b>	Understanding India	<b>02</b>	Environmental Education	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Language-I: English- I (Effective Communication Skills-I)	<b>02</b>	Language-I: English- II (Effective Communication Skills- II)	<b>02</b>
<b>Co-Curricular Course (CC)</b>	To be selected from the Basket of Courses (Page No. 14)	<b>02</b>	To be selected from the Basket of Courses (Page No. 14)	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

## Courses offered at Second Year B.Com. (from AC. Yr.: 2024-2025)

### Major: Accountancy, Minor: Commerce & Management

*(Important: Learners need to choose their respective major and minor courses at the beginning of Semester III)*

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Accountancy & Financial Management- III	<b>04</b>	Accountancy & Financial Management- IV	<b>04</b>
	Financial Accounting & Auditing- I (Auditing)	<b>04</b>	Financial Accounting & Auditing- II (Management Accounting)	<b>04</b>
<b>Minor</b>	Commerce & Management- I (Principles of Management)	<b>04</b>	Commerce & Management- II (Marketing)	<b>04</b>
<b>Open/ General Elective (OE/ GE)</b>	Principles of Economics- III	<b>02</b>	Principles of Economics- IV	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Legal Drafting in Business Law	<b>02</b>	NA	<b>NA</b>
<b>Skill Enhancement Course (SEC)</b>	NA	<b>NA</b>	Legal Drafting in Corporate Law	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Language-II: Hindi- I	<b>02</b>	Language-II: Hindi- II	<b>02</b>
<b>CC/ OJT/ FP/ CEP/ RP</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>
	Field Project (FP)- Business Audit, Social Audit	<b>02</b>	Community Engagement and Service (CEP)	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

## Courses offered at Second Year B.Com. (from AC. Yr.: 2024-2025)

### Major: Commerce & Management, Minor: Accountancy

*(Important: Learners need to choose their respective major and minor courses at the beginning of Semester III)*

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Commerce- III (Principles of Management)	<b>04</b>	Commerce- V (Marketing)	<b>04</b>
	Commerce- IV (Production & Finance)	<b>04</b>	Commerce- VI (Human Resource Management)	<b>04</b>
<b>Minor</b>	Financial Accounting & Auditing- I (Auditing)	<b>04</b>	Financial Accounting & Auditing- II (Management Accounting)	<b>04</b>
<b>Open/ General Elective (OE/ GE)</b>	Principles of Economics- III	<b>02</b>	Principles of Economics- IV	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Legal Drafting in Business Law	<b>02</b>	NA	<b>NA</b>
<b>Skill Enhancement Course (SEC)</b>	NA	<b>NA</b>	Legal Drafting in Corporate Law	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Language-II: Hindi- I	<b>02</b>	Language-II: Hindi- II	<b>02</b>
<b>CC/ OJT/ FP/ CEP/ RP</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>
	Field Project (FP) - Making strategic decision for Business Management	<b>02</b>	Community Engagement and Service (CEP)	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>



## Courses offered at Third Year B.Com. (from AC. Yr.: 2025-2026)

### Major: Accountancy, Minor: Commerce & Management

*(Important: Learners will continue with the chosen major and minor courses selected at the beginning of Semester III)*

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major (Mandatory)</b>	Financial Accounting & Auditing- III (Financial Accounting)	<b>04</b>	Financial Accounting & Auditing- V (Financial Accounting)	<b>04</b>
	Financial Accounting & Auditing- IV (Cost Accounting)	<b>04</b>	Financial Accounting & Auditing- VI (Cost Accounting)	<b>04</b>
	Financial Management - I	<b>02</b>	Financial Management- II	<b>02</b>
<b>Major (Electives)</b>	Taxation – I (Income Tax)	<b>04</b>	Taxation- II (Goods and Services Tax)	<b>04</b>
<b>Minor</b>	Commerce & Management- III (Entrepreneurship)	<b>04</b>	Commerce & Management- IV (Customer Relationship Management)	<b>04</b>
<b>Vocational Skill Course (VSC)</b>	Financial Literacy	<b>02</b>	NA	<b>NA</b>
<b>OJT / FP / CEP</b>	Community Engagement and Service (CEP)	<b>02</b>	On-the-Job Training (OJT)	<b>04</b>
<b>Total</b>		<b>22</b>		<b>22</b>

## Courses offered at Third Year B.Com. (from AC. Yr.: 2025-2026)

### Major: Commerce & Management, Minor: Accountancy

*(Important: Learners will continue with the chosen major and minor courses selected at the beginning of Semester III)*

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major (Mandatory)</b>	Commerce- VII (Entrepreneurship)	<b>04</b>	Commerce- IX (Customer Relationship Management)	<b>04</b>
	Commerce- VIII (International Marketing)	<b>04</b>	Commerce- X (Brand Management)	<b>04</b>
	Introduction to Business Research	<b>02</b>	Green Marketing	<b>02</b>
<b>Major (Electives)</b>	Advertising	<b>04</b>	Organisational Behaviour	<b>04</b>
<b>Minor</b>	Cost & Management Accounting- I	<b>04</b>	Cost & Management Accounting- II	<b>04</b>
<b>Vocational Skill Course (VSC)</b>	Financial Literacy	<b>02</b>	NA	<b>NA</b>
<b>OJT / FP / CEP</b>	Community Engagement and Service (CEP)	<b>02</b>	On-the-Job Training (OJT)	<b>04</b>
<b>Total</b>		<b>22</b>		<b>22</b>

#### Future Prospects:

Courses and exams like M.Com.(Advanced Accountancy), M.Com.(E-Commerce), M.Com.(Banking & Finance), M.B.A., Chartered Accountancy, Cost Accountancy, Company Secretary program and Stock Broking Diploma Courses, Banking Exams and Public Service Commission Examinations can be pursued by the students.

## Bachelor of Management Studies/ Bachelor of Commerce (Management Studies) (B.M.S.)/ B.Com. (MS)

Intake- 300 students

#### About the Program:

Department of Management Studies is the vortex for shaping new age managers and entrepreneurs. The aim of this program is to provide comprehensive management training and exposure to the students by way of innovative practical approach teaching learning methodology. The program is designed to train students to be aspiring Entrepreneurs, Managers and budding CEOs of tomorrow, thus taking up the responsibility for all-round development of students' personality.

In the Second year (Level 5.0), each student will have to choose one of the two domains as a Major Component and the other being Minor component. The domains are: Finance and Marketing. For ex. In case the learner chooses Finance as Major component, Marketing will be its Minor component and vice versa.



**Eligibility Criteria :**

A candidate for being eligible for admission to the B.M.S. degree course shall have passed the H.S.C. (Std. XII) examination of the Maharashtra State Board of Higher Secondary Education or its equivalent examination or a diploma in any engineering branch conducted by the Board of Technical Education, Maharashtra State with two years or three years duration after passing S.S.C. examination or its equivalent examination by securing minimum 45% marks for general category (in one attempt) at the respective examination and minimum 40% marks for the reserved category (in one attempt).

Student from other University or Board of Secondary or Intermediate Education or any other Statutory examining boards should refer to University Ordinance (O.111) on page. 15.

**Courses offered at First Year B.Com. (MS) (from AC. Yr.: 2023-2024)**

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Principles of Management	<b>04</b>	Business Environment	<b>04</b>
	Indian Financial System	<b>02</b>	Principles of Marketing	<b>02</b>
<b>Minor</b>	NA	<b>NA</b>	Organisational Behaviour	<b>02</b>
<b>Open/ General Elective (OE/ GE)</b>	Principles of Economics- I	<b>02</b>	Legal framework and Drafting	<b>02</b>
	Quantitative Techniques- I	<b>02</b>	Quantitative Techniques- II	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Financial Accounting	<b>02</b>	Cost Accounting	<b>02</b>
<b>Skill Enhancement Course (SEC)</b>	Financial Literacy	<b>02</b>	Digital Marketing	<b>02</b>
<b>Indian Knowledge System (IKS)</b>	Indian Knowledge System	<b>02</b>	NA	<b>NA</b>
<b>Value Education Course (VEC)</b>	Understanding India	<b>02</b>	Environmental Education & Sustainability	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Language-I: English- I (Effective Communication Skills-I)	<b>02</b>	Language-I: English- II (Effective Communication Skills- II)	<b>02</b>
<b>Co-Curricular Course (CC)</b>	To be selected from the Basket of Courses (Page No. 14)	<b>02</b>	To be selected from the Basket of Courses (Page No. 14)	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

**Courses offered at Second Year B.Com. (MS) (from AC. Yr.: 2024-2025)**

**Major: Finance Management, Minor: Marketing**

*(Important: Learners need to choose their respective major and minor courses at the beginning of Semester III)*

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Business Planning & Entrepreneurship Management	<b>04</b>	Strategic Management	<b>04</b>
	Equity & Debt Markets	<b>04</b>	Direct Taxes	<b>04</b>
<b>Minor</b>	Advertising	<b>04</b>	Integrated Marketing Communications	<b>04</b>
<b>Open/ General Elective (OE/ GE)</b>	Principles of Economics- II	<b>02</b>	Fundamentals of Digital Tools & Techniques	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Accounting for Managerial Decisions	<b>02</b>	NA	<b>NA</b>
<b>Skill Enhancement Course (SEC)</b>	NA	<b>NA</b>	Production and Quality Management	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Language-II: Hindi- I	<b>02</b>	Language-II: Hindi- II	<b>02</b>
<b>CC/ OJT/ FP/ CEP/ RP</b>	Co-curricular Courses (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>	Co-curricular Courses (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>
	Field Project (FP)	<b>02</b>	Community Engagement and Service (CEP)	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

## Courses offered at Second Year B.Com (MS) (from AC. Yr.: 2024-2025)

**Major: Marketing, Minor: Finance Management**

*(Important: Learners need to choose their respective major and minor courses at the beginning of Semester III)*

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Business Planning & Entrepreneurship Management	<b>04</b>	Strategic Management	<b>04</b>
	Advertising	<b>04</b>	Integrated Marketing Communications	<b>04</b>
<b>Minor</b>	Equity & Debt Markets	<b>04</b>	Direct Taxes	<b>04</b>
<b>Open/ General Elective (OE/ GE)</b>	Principles of Economics- II	<b>02</b>	Fundamentals of Digital Tools & Techniques	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Accounting for Managerial Decisions	<b>02</b>	NA	<b>NA</b>
<b>Skill Enhancement Course (SEC)</b>	NA	<b>NA</b>	Production and Quality Management	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Language-II: Hindi- I	<b>02</b>	Language- II: Hindi- II	<b>02</b>
<b>CC/ OJT/ FP/ CEP/ RP</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>
	Field Project (FP)	<b>02</b>	Community Engagement and Service (CEP)	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

## Courses offered at Third Year B.M.S. (from AC. Yr.: 2025-2026)

**Major: Finance Management, Minor: Marketing**

*(Important: Learners will continue with the chosen major and minor courses selected at the beginning of Semester III)*

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major (Mandatory)</b>	Investment Analysis & Portfolio Management	<b>04</b>	International Finance	<b>04</b>
	Wealth Management	<b>04</b>	Project Management	<b>04</b>
	Corporate Governance & Ethics in Finance	<b>02</b>	Commodities & Derivatives Markets	<b>02</b>
<b>Major (Electives)</b>	Financial Management (OR) Corporate Restructuring	<b>04</b>	Indirect Taxes (OR) Forex Management	<b>04</b>
<b>Minor</b>	E-Commerce & Digital Marketing	<b>04</b>	International Marketing	<b>04</b>
<b>Vocational Skill Course (VSC)</b>	Operations Research	<b>02</b>	NA	<b>NA</b>
<b>OJT / FP / CEP</b>	Community Engagement and Service (CEP)	<b>02</b>	On-the-Job Training (OJT)	<b>04</b>
<b>Total</b>		<b>22</b>		<b>22</b>

## Courses offered at Third Year B.M.S. (from AC. Yr.: 2025-2026)

**Major: Marketing, Minor: Finance Management**

*(Important: Learners will continue with the chosen major and minor courses selected at the beginning of Semester III)*

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major (Mandatory)</b>	Services Marketing	<b>04</b>	International Marketing	<b>04</b>
	Sales & Distribution Management	<b>04</b>	Retail Management	<b>04</b>
	Corporate Governance & Ethics in Marketing	<b>02</b>	Brand Management	<b>02</b>
<b>Major (Electives)</b>	E-Commerce & Digital Marketing (OR) Consumer Behaviour	<b>04</b>	Media Planning & Management (OR) Social Media Analytics	<b>04</b>
<b>Minor</b>	Investment Analysis and Portfolio Management	<b>04</b>	Indirect Taxes	<b>04</b>
<b>Vocational Skill Course (VSC)</b>	Operations Research	<b>02</b>	NA	<b>NA</b>
<b>OJT / FP / CEP</b>	Community Engagement and Service (CEP)	<b>02</b>	On-the-Job Training (OJT)	<b>04</b>
<b>Total</b>		<b>22</b>		<b>22</b>

### Future Prospects:

Students can pursue Higher Education in M.B.A. (Finance / Marketing/ Human Resource Management), Masters in International Business, Chartered Financial Analyst and Chartered Accountancy, Post Graduation Diploma in Finance, Marketing, Human Resources, Family Managed Business, Real Estate Management and Logistics Supply Chain Management.



# Bachelor of Commerce (Accounting & Finance)

## B.Com. (A&F)

Intake- 240 students

### About the Program:

Dept of Accounting & Finance, established in 2003-04, focuses on fundamentals of accounting and finance practices, offering specialized knowledge in the area of Accounts, Cost Accounting, Financial Management, Finance & Taxation.

### Eligibility Criteria:

A candidate for being eligible for admission to the B.Com. (A & F) course must have passed the H.S.C. (Std. XII) examination of the Maharashtra State Board of Higher Secondary Education or an examination recognized as equivalent and secured not less than 45% marks in aggregate for open category and 40% in case of reserved category (in one attempt). Student from other University or Board of Secondary or Intermediate Education or any other Statutory examining body should refer to University Ordinance (O.111) on page. 15.

### Courses offered at First Year B.Com. (A&F) (from AC. Yr.: 2023-2024)

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
Major	Financial Accounting- I	04	Financial Accounting- II	04
	Auditing- I	02	Auditing- II	02
Minor	NA	NA	Commerce & Management- I	02
Open/ General Elective (OE/ GE)	Economics- I	02	Economics- II	02
	Mathematics	02	Statistics	02
Vocational Skill Course (VSC)	Business Law & Legal Drafting- I	02	Business Law & Legal Drafting- II	02
Skill Enhancement Course (SEC)	I.T Skills in Accounting & Finance- I	02	I.T Skills in Accounting & Finance- II	02
Indian Knowledge System (IKS)	Indian Knowledge System	02	NA	NA
Value Education Course (VEC)	Understanding India	02	Environmental Education	02
Ability Enhancement Course (AEC)	Language- I: English- I (Effective Communication Skills- I)	02	Language-I: English- II (Effective Communication Skills- II)	02
Co-Curricular Course (CC)	To be selected from the Basket of Courses (Page No. 14)	02	To be selected from the Basket of Courses (Page No. 14)	02
TOTAL		22		22

### Courses offered at Second Year B.Com. (A&F) (from AC. Yr.: 2024-2025)

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
Major	Financial Accounting- III	04	Financial Accounting- IV	04
	Cost Accounting- I	04	Cost Accounting- II	04
Minor	Commerce & Management- II (IFS)	04	Commerce & Management- III (FMO)	04
Open/ General Elective (OE/ GE)	Corporate Law- I	02	Corporate Law- II	02
Vocational Skill Course (VSC)	Taxation- I (Direct Taxation- I)	02	NA	NA
Skill Enhancement Course (SEC)	NA	NA	Taxation- II (Direct Taxation- II)	02
Ability Enhancement Course (AEC)	Language-II: Hindi- I	02	Language-II: Hindi- II	02
CC/ OJT/ FP/ CEP/ RP	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	02	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	02
	Field Project (FP)- (Auditing- III)	02	Community Engagement and Service (CEP) - Taxation- III (Direct Taxation- III)- Income Tax Returns Filing for Community.	02
TOTAL		22		22

### Courses offered at Third Year B.Com. (A&F) (from AC.Yr.: 2025-2026)

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major (Mandatory)</b>	Financial Accounting- V	<b>04</b>	Financial Accounting- VI	<b>04</b>
	Cost Accounting- III	<b>04</b>	Cost Accounting- IV	<b>04</b>
	Taxation- IV (Indirect Tax- I : GST)	<b>02</b>	Taxation- VI (Indirect Taxation- III : GST)	<b>02</b>
<b>Major (Electives)</b>	Financial Management- I	<b>04</b>	Financial Management- II	<b>04</b>
<b>Minor</b>	Commerce & Management- IV (Principles of Management- I)	<b>04</b>	Commerce & Management- V (Principles of Management- II)	<b>04</b>
<b>Vocational Skill Course (VSC)</b>	Economics- III (Financial Economics)	<b>02</b>	NA	<b>NA</b>
<b>OJT / FP / CEP</b>	Community Engagement and Service (CEP) Taxation- V (Indirect Taxation- II : GST Returns filling for Community)	<b>02</b>	On-the-Job Training (OJT)	<b>04</b>
<b>Total</b>		<b>22</b>		<b>22</b>

#### Future Prospects:

Students can pursue Higher Education in Chartered Accountancy, Company Secretary program, Chartered Financial Analyst, Cost Accountancy, M.B.A., Masters in Cost Control & Control Accounts, Masters in Corporate Accountancy, Masters in Accounting & Finance/ Taxation/Auditing and Masters of Financial Management.

## Bachelor of Commerce (Banking & Insurance) B.Com. (B&I)

Intake- 120 students

#### About the Program:

Department of Banking & Insurance nurtures the bankers of tomorrow. The Department with its varied activities and skilled based curriculum promotes a strong sense of ethics within the domain knowledge of Banking, Financial Services and Insurance (BFSI) amongst its learners.

#### Eligibility Criteria:

A candidate for being eligible for admission to the B.Com. (B & I) course must have passed the H.S.C. (Std. XII) examination of the Maharashtra State Board of Higher Secondary Education or an examination recognized as equivalent thereto and secured not less than 45% marks in aggregate for open category and 40% in case of reserve category (in one attempt). Student from other University or Board of Secondary or Intermediate Education or any other Statutory examining body should refer to University Ordinance (O.111) on page. 15.

### Courses offered at First Year B.Com. (B&I) (from AC. Yr.: 2023-2024)

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Principles & Practices of B&I	<b>04</b>	Financial Services Management	<b>04</b>
	Financial Accounting- I	<b>02</b>	Financial Accounting- II	<b>02</b>
<b>Minor</b>	NA	<b>NA</b>	Introduction to Cost Accounting	<b>02</b>
<b>Open/ General Elective (OE/ GE)</b>	Economics- I	<b>02</b>	Economics- II	<b>02</b>
	Quantitative Methods- I	<b>02</b>	Quantitative Methods- II	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Marketing and Salesmanship in B&I	<b>02</b>	Non-Banking Financial Companies	<b>02</b>
<b>Skill Enhancement Course (SEC)</b>	IT Skills in B&I	<b>02</b>	Financial Literacy	<b>02</b>
<b>Indian Knowledge System (IKS)</b>	Indian Knowledge System	<b>02</b>	NA	<b>NA</b>
<b>Value Education Course (VEC)</b>	Understanding India	<b>02</b>	Environmental Education	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Language-I: English- I (Effective Communication Skills- I)	<b>02</b>	Language-I: English- II (Effective Communication Skills- II)	<b>02</b>
<b>Co-Curricular Course (CC)</b>	To be selected from the Basket of Courses (Page No. 14)	<b>02</b>	To be selected from the Basket of Courses (Page No. 14)	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>



### Courses offered at Second Year B.Com. (B&I) (from AC. Yr.: 2024-2025)

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Corporate Banking- I -Mutual Fund Management	<b>04</b>	Corporate Banking- II- Wealth Management	<b>04</b>
	Human Resource Management in B&I	<b>04</b>	Introduction to Insurance Sector	<b>04</b>
<b>Minor</b>	Financial Management- I	<b>04</b>	Financial Management- II	<b>04</b>
<b>Open/ General Elective (OE/ GE)</b>	Business Law and Legal Drafting- I	<b>02</b>	Business Law and Legal Drafting- II	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Auditing in Banking & Insurance- I	<b>02</b>	NA	<b>NA</b>
<b>Skill Enhancement Course (SEC)</b>	NA	<b>NA</b>	Logical Reasoning & Aptitude	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Language-II: Hindi- I	<b>02</b>	Language-II: Hindi- II	<b>02</b>
<b>CC/ OJT/ FP/ CEP/ RP</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>
	Field Project (FP)	<b>02</b>	Community Engagement and Service (CEP)	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

### Courses offered at Third Year B.Com.(B&I) (from AC.Yr.: 2025-2026)

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major (Mandatory)</b>	Corporate Banking- Risk Management	<b>04</b>	Central Banking	<b>04</b>
	Financial Reporting & Analysis	<b>04</b>	Management Accounting	<b>04</b>
	Insurance Broking and Advisory	<b>02</b>	Insurance Fund Management	<b>02</b>
<b>Major (Electives)</b>	Taxation- I (Direct Taxation)	<b>04</b>	Taxation- II (Indirect Taxation)	<b>04</b>
<b>Minor</b>	Equity & Debt Market	<b>04</b>	Security Analysis & Portfolio Management	<b>04</b>
<b>Vocational Skill Course (VSC)</b>	Auditing in Banking & Insurance- II	<b>02</b>	NA	<b>NA</b>
<b>OJT / FP / CEP</b>	Community Engagement and Service (CEP)	<b>02</b>	On-the-Job Training (OJT)	<b>04</b>
<b>Total</b>		<b>22</b>		<b>22</b>

#### Future Prospects:

Students can pursue Higher Education in M.B.A., Professional Diploma Courses in Banking & Insurance, Masters in Banking, Finance and Insurance, Masters of Finance and Control, M.Com.(Banking & Finance), Chartered Accountancy and Company Secretary program.

## Bachelor of Commerce (Financial Markets) B.Com. (FM)

Intake- 60 students

#### About the Program:

B.Com.(Financial Markets) is a comprehensive program that focuses on all different aspects of financial markets. It relates to a mechanism, enabling people in trading financial securities including stocks, bonds, currencies and commodities in the market by studying Debt and Equity markets, Financial Assets, Global Capital Markets and Foreign Exchange markets.

#### Eligibility Criteria:

A candidate for being eligible for admission to the B.Com. (FM) course must have passed the H.S.C. (Std. XII) examination of the Maharashtra State Board of Higher Secondary Education or an examination recognized as equivalent thereto and secured not less than 45% marks in aggregate for open category and 40% in case of reserve category (in one attempt). Student from other University or Board of Secondary or Intermediate Education or any other Statutory examining body should refer to University Ordinance (O.111) on page. 15.

### Courses offered at First Year B.Com. (FM) (from AC. Yr.: 2023-2024)

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Indian Financial System	<b>04</b>	Innovative Financial Services	<b>04</b>
	Financial Accounting- I	<b>02</b>	Financial Accounting- II	<b>02</b>
<b>Minor</b>	NA	<b>NA</b>	Financial Management- I	<b>02</b>
<b>Open/ General Elective (OE/ GE)</b>	Principles of Economics- I	<b>02</b>	Principles of Economics- II	<b>02</b>
	Quantitative Methods- I	<b>02</b>	Quantitative Methods- II	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Financial Market Operations for Depository	<b>02</b>	Financial Market Operations for Securities	<b>02</b>
<b>Skill Enhancement Course (SEC)</b>	Financial Literacy	<b>02</b>	Basic Excel for Finance	<b>02</b>
<b>Indian Knowledge System (IKS)</b>	Indian Knowledge System	<b>02</b>	NA	<b>NA</b>
<b>Value Education Course (VEC)</b>	Understanding India	<b>02</b>	Environmental Education	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Language-I: English- I (Effective Communication Skills- I)	<b>02</b>	Language-I: English- II (Effective Communication Skills- II)	<b>02</b>
<b>Co-Curricular Course (CC)</b>	To be selected from the Basket of Courses (Page No. 14)	<b>02</b>	To be selected from the Basket of Courses (Page No. 14)	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

### Courses offered at Second Year B.Com. (FM) (from AC. Yr.: 2024-2025)

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Equity & Debt Markets	<b>04</b>	Foreign Exchange Markets	<b>04</b>
	Commodities Markets	<b>04</b>	Global Capital Markets	<b>04</b>
<b>Minor</b>	Financial Management- II	<b>04</b>	Financial Management- III	<b>04</b>
<b>Open/ General Elective (OE/ GE)</b>	Legal Framework- I	<b>02</b>	Legal Framework- II	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Personal Financial Planning	<b>02</b>	NA	<b>NA</b>
<b>Skill Enhancement Course (SEC)</b>	NA	<b>NA</b>	Fintech (Computer Skills)	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Language-II: Hindi- I	<b>02</b>	Language-II: Hindi- II	<b>02</b>
<b>CC/ OJT/ FP/ CEP/ RP</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>
	Field Project (FP)	<b>02</b>	Community Engagement and Service (CEP)	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

### Courses offered at Third Year B.Com.(FM) (from AC.Yr.: 2025-2026)

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major (Mandatory)</b>	Portfolio Management- I	<b>04</b>	Portfolio Management- II	<b>04</b>
	Technical Analysis	<b>04</b>	Risk Management	<b>04</b>
	Financial Reporting	<b>02</b>	Mutual Fund Management	<b>02</b>
<b>Major (Electives)</b>	Financial Management- IV (Business Valuation)	<b>04</b>	Financial Management- V (Corporate Restructuring)	<b>04</b>
<b>Minor</b>	Marketing in Financial Services	<b>04</b>	Financial Derivatives	<b>04</b>
<b>Vocational Skill Course (VSC)</b>	Taxation For Investment	<b>02</b>	NA	<b>NA</b>
<b>OJT / FP / CEP</b>	Community Engagement and Service (CEP)	<b>02</b>	On-the-Job Training (OJT)	<b>04</b>
<b>Total</b>		<b>22</b>		<b>22</b>

#### Future Prospects:

Students can pursue Higher Education in Chartered Accountancy, Company Secretary, Chartered Financial Analyst, ACCA, FRM, CWM, CFA, CFP, Actuarial Science, Master of Business Administration, M.Sc. (Finance), M. Com (Advanced Accountancy, Banking & Finance) and Masters of Financial Management.



# Bachelor of Commerce (Investment Management)

## B.Com. (IM)

Intake- 60 students

### About the Program:

Department of B.Com. (Investment Management) intends to provide a sound academic ambience for future investors with an aim to strengthen their core technical knowledge and practical exposure.

### Eligibility Criteria:

A candidate for being eligible for admission to the B.Com. (IM) course must have passed the H.S.C. (Std. XII) examination of the Maharashtra State Board of Higher Secondary Education or an examination recognized as equivalent thereto and secured not less than 45% marks in aggregate for open category & 40% in case of reserved category (in one attempt).

Student from other University or Board of Secondary or Intermediate Education or any other Statutory examining body should refer to University Ordinance (O.111) on page. 15.

### Courses offered at First Year B.Com. (IM) (from AC. Yr.: 2023-2024)

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Indian Financial Systems and Markets	04	Investment and Wealth Management	04
	Introduction to Accounting	02	Indian Financial Intermediaries	02
<b>Minor</b>	NA	NA	Financial Accounting	02
<b>Open/ General</b>	Principles of Economics- I	02	Principles of Economics- II	02
<b>Elective (OE/ GE)</b>	Quantitative Techniques	02	Law	02
<b>Vocational Skill Course (VSC)</b>	Financial Literacy	02	Personal Financial Planning	02
<b>Skill Enhancement Course (SEC)</b>	Digital Skills	02	Financial Excel	02
<b>Indian Knowledge System (IKS)</b>	Indian Knowledge System	02	NA	NA
<b>Value Education Course (VEC)</b>	Understanding India	02	Environmental Education	02
<b>Ability Enhancement Course (AEC)</b>	Language- I: English- I (Effective Communication Skills- I)	02	Language-I: English- II (Effective Communication Skills- II)	02
<b>Co-Curricular Course (CC)</b>	To be selected from the Basket of Courses (Page No. 14)	02	To be selected from the Basket of Courses (Page No. 14)	02
<b>TOTAL</b>		22		22

### Courses offered at Second Year B.Com. (IM) (from AC. Yr.: 2024-2025)

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Mutual Fund Management	04	Equity Research	04
	Fixed Income Markets	04	Portfolio Management	04
<b>Minor</b>	Direct Taxation	04	Indirect Taxation	04
<b>Open/ General Elective (OE/ GE)</b>	IT in Investment Management- I	02	IT in Investment Management- II	02
<b>Vocational Skill Course (VSC)</b>	Marketing of Investment Products	02	NA	NA
<b>Skill Enhancement Course (SEC)</b>	NA	NA	Tally & Returns Filing	02
<b>Ability Enhancement Course (AEC)</b>	Language- II: Hindi- I	02	Language- II: Hindi- II	02
<b>CC/ OJT/ FP/ CEP/ RP</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	02	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	02
	Field Project (FP)	02	Community Engagement and Service (CEP)	02
<b>TOTAL</b>		22		22

### Courses offered at Third Year B.Com. (IM) (from AC.Yr.: 2025-2026)

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major (Mandatory)</b>	International Finance- I	<b>04</b>	Corporate Governance	<b>04</b>
	Operations In Capital Markets	<b>04</b>	International Finance- II	<b>04</b>
	Venture Capital	<b>02</b>	Technical Analysis	<b>02</b>
<b>Major (Electives)</b>	Commodity And Derivative Markets	<b>04</b>	Behavioral Finance	<b>04</b>
<b>Minor</b>	Financial Management- I	<b>04</b>	Financial Management- II	<b>04</b>
<b>Vocational Skill Course (VSC)</b>	Risk Management	<b>02</b>	NA	<b>NA</b>
<b>OJT / FP / CEP</b>	Community Engagement and Service (CEP)	<b>02</b>	On-the-Job Training (OJT)	<b>04</b>
<b>Total</b>		<b>22</b>		<b>22</b>

#### Future Prospects:

Students can pursue education in Master of Business Administration, Master of Financial Management, Stock Broking, Investment Banking and Chartered Financial Analyst. Chartered Accountancy, Treasury Management, Foreign Exchange, Investment Advisory, Financial Consultancy, Derivative Trading, Financial Modelling, Chartered Financial Planner, M.Com. (Banking & Finance), Risk Management, Equity Research Analyst, Commodity Trading, Wealth Management, Financial Advisory, Fixed Income Market Analyst, Mutual Funds Manager, Personal Banking.

## Bachelor of Commerce (Honours) B.Com. (Hon)

Intake- 60 students

#### About the Program:

Bachelor of Commerce (Honours) is a three- years degree program which is specialised in the field of Commerce, Accounting, Taxation, Economics, Financial Management, etc.

#### Eligibility Criteria:

A candidate for being eligible for admission to the B.Com. (HONS) course must have passed the H.S.C.(Std. XII) examination of the Maharashtra State Board of Higher Secondary Education or an examination recognized as equivalent and secured not less than 55% marks in aggregate for open category and 50% in case of reserved category (in one attempt). Student from other University or Board of Secondary or Intermediate Education or any other Statutory examining body should refer to University Ordinance (O.111) on page. 15.

### Courses offered at First Year B.Com. (Hons.) (from AC. Yr.: 2023-2024)

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Financial Accounting- I	<b>04</b>	Financial Accounting- II	<b>04</b>
	Management Accounting- I	<b>02</b>	Management Accounting- II	<b>02</b>
<b>Minor</b>	NA	<b>NA</b>	Business & Commercial Knowledge	<b>02</b>
<b>Open/ General Elective (OE/ GE)</b>	Economics- I	<b>02</b>	Economics- II	<b>02</b>
	Business Mathematics	<b>02</b>	Business Statistics	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Business Law- I	<b>02</b>	Business Law- II	<b>02</b>
<b>Skill Enhancement Course (SEC)</b>	Aptitude and Reasoning- I	<b>02</b>	Aptitude and Reasoning- II	<b>02</b>
<b>Indian Knowledge System (IKS)</b>	Indian Knowledge System	<b>02</b>	NA	<b>NA</b>
<b>Value Education Course (VEC)</b>	Understanding India	<b>02</b>	Environmental Education	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Language- I: English- I (Business Correspondence and Reporting)	<b>02</b>	Language- I: English- II (Business Correspondence and Reporting)	<b>02</b>
<b>Co-Curricular Course (CC)</b>	To be selected from the Basket of Courses (Page No. 14)	<b>02</b>	To be selected from the Basket of Courses (Page No. 14)	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

### Courses offered at Second Year B.Com. (Hons.) (from AC. Yr.: 2024-2025)

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Financial Accounting- III	<b>04</b>	Financial Accounting- IV	<b>04</b>
	Cost Accounting- I	<b>04</b>	Cost Accounting- II	<b>04</b>
<b>Minor</b>	Commerce and Management- I (Financial Management)	<b>04</b>	Commerce and Management- II (Wealth Management)	<b>04</b>
<b>Open/ General Elective (OE/ GE)</b>	Corporate Law- I	<b>02</b>	Corporate Law- II	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Taxation-I (Direct Taxation- I)	<b>02</b>	NA	<b>NA</b>
<b>Skill Enhancement Course (SEC)</b>	NA	<b>NA</b>	Taxation-II (Direct Taxation- II)	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Language-II: Hindi- I	<b>02</b>	Language-II: Hindi- II	<b>02</b>
<b>CC/ OJT/ FP/ CEP/ RP</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>
	Field Project (FP): Business Audit & Social Audit (Audits/Internship/Field Project)	<b>02</b>	Community Engagement and Service (CEP): Taxation- III (Direct Taxation- III)	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

### Courses offered at Third Year B.Com.(Hons.) (from AC.Yr.: 20205-2026)

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major (Mandatory)</b>	Financial Accounting- V	<b>04</b>	Financial Accounting- VI	<b>04</b>
	Cost Accounting- III	<b>04</b>	Cost Accounting- IV	<b>04</b>
	Taxation- IV (Indirect Taxation- I)	<b>02</b>	Taxation- VI (Indirect Taxation- III)	<b>02</b>
<b>Major (Electives)</b>	Financial Management- II	<b>04</b>	Financial Management- III	<b>04</b>
<b>Minor</b>	Commerce and Management- III (Project Management)	<b>04</b>	Commerce and Management- IV (Principles of Management)	<b>04</b>
<b>Vocational Skill Course (VSC)</b>	Operations Research	<b>02</b>	NA	<b>NA</b>
<b>OJT / FP / CEP</b>	Community Engagement and Service (CEP) Taxation- V (Indirect Taxation- II)	<b>02</b>	On-the-Job Training (OJT)	<b>04</b>
<b>Total</b>		<b>22</b>		<b>22</b>

#### Future Prospects:

B.Com.(Honours) is specially designed for students pursuing Chartered Accountancy / ICWA / MBA (Finance) They can pursue Masters in Finance, MBA, Advanced Finance Degrees or CFA.

## Bachelor of Commerce (International Accounting) B.Com.(IA)

Intake- 60 students

#### About the Program:

Department of B.Com (International Accounting) is a uniquely designed program to give students first-hand knowledge and skills in the league of IFRS global accounting and International financial reporting standards.

#### Eligibility Criteria:

A Candidate for being eligible for admission to the B. Com (IA) course must have passed the H.S.C (Std. XII) Examination of the Maharashtra State Board of Higher Secondary Education or an examination recognized as equivalent there to and secured not less than 45% marks in aggregate for open category and 40% in case of reserved category ( in one attempt). Students from other University or Board of Secondary or intermediate education or any other statutory examining body should refer to University Ordinance (O.111) on page. 15.



### Courses offered at First Year B.Com. (IA) (from AC. Yr.: 2023-2024)

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	CMA- Financial Planning & Budgeting	<b>04</b>	CMA- Performance Management	<b>04</b>
	CMA- Financial Analytics & Control	<b>02</b>	CMA- Financial Decision Making- I	<b>02</b>
<b>Minor</b>	NA	<b>NA</b>	Commerce- I	<b>02</b>
<b>Open/ General Elective (OE/ GE)</b>	Principles of Economics- I	<b>02</b>	Principles of Economics- II	<b>02</b>
	Quantitative Techniques- I	<b>02</b>	Quantitative Techniques- II	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	CMA- Financial Accounting Basics	<b>02</b>	CMA- Advanced Financial Accounting Reporting- I	<b>02</b>
<b>Skill Enhancement Course (SEC)</b>	Logical Reasoning & Personal Grooming	<b>02</b>	Financial Excel	<b>02</b>
<b>Indian Knowledge System (IKS)</b>	Indian Knowledge System	<b>02</b>	NA	<b>NA</b>
<b>Value Education Course (VEC)</b>	Understanding India	<b>02</b>	Environmental Education	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Language- I: English- I (Effective Communication Skills- I)	<b>02</b>	Language-I: English- II (Effective Communication Skills- II)	<b>02</b>
<b>Co-Curricular Course (CC)</b>	To be selected from the Basket of Courses (Page No. 14)	<b>02</b>	To be selected from the Basket of Courses (Page No. 14)	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

### Courses offered at Second Year B.Com. (IA) (from AC. Yr.: 2024-2025)

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	CMA- Strategic Financial Management	<b>04</b>	Cost and Financial Management- I	<b>04</b>
	CMA- Financial Decision Making- II	<b>04</b>	Financial Accounting and Reporting- I	<b>04</b>
<b>Minor</b>	Commerce- II	<b>04</b>	Commerce- III	<b>04</b>
<b>Open/ General Elective (OE/ GE)</b>	Corporate Law- I	<b>02</b>	Principles of Economics- III	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	CMA- Advanced Financial Accounting & Reporting	<b>02</b>	NA	<b>NA</b>
<b>Skill Enhancement Course (SEC)</b>	NA	<b>NA</b>	Auditing- I	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Language-II: Hindi- I	<b>02</b>	Language-II: Hindi- II	<b>02</b>
<b>CC/ OJT/ FP/ CEP/ RP</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>
	Field Project (FP)	<b>02</b>	Community Engagement and Service (CEP)	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

### Courses offered at Third Year B.Com.(IA) (from AC.Yr.: 2025-2026)

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major (Mandatory)</b>	Environmental, Social and Governance Investing and Analysis	<b>04</b>	Forensic Accounting and Cybersecurity	<b>04</b>
	Direct Taxation	<b>04</b>	Indirect Taxation	<b>04</b>
	Costing	<b>02</b>	Mergers & Acquisitions	<b>02</b>
<b>Major (Electives)</b>	Financial Management	<b>04</b>	Security & Portfolio Management	<b>04</b>
<b>Minor</b>	Commerce- IV	<b>04</b>	Commerce- V	<b>04</b>
<b>Vocational Skill Course (VSC)</b>	Auditing- II	<b>02</b>	NA	<b>NA</b>
<b>OJT / FP / CEP</b>	Community Engagement and Service (CEP)	<b>02</b>	On-the-Job Training (OJT)	<b>04</b>
<b>Total</b>		<b>22</b>		<b>22</b>

#### Future Prospects:

Students can pursue Chartered Accountancy, ICWA, CPA, Chartered Financial Analysts, M.Sc. in Finance, Masters in Equity Research, MBA in Finance Management etc. Students can also pursue Global Accountancy programs along with this.



# Bachelor of Commerce (Entrepreneurship)

## B. Com. (Entrepreneurship)

Intake- 60 students

### About the Program:

B.Com. (Entrepreneurship) programme was introduced from the Academic Year 2021-2022 with its curriculum explicitly designed for business visionaries to encourage critical thinking and foster their ambitions through an academically rigorous and practical learning experience. It serves the needs of budding entrepreneurs by building an entrepreneurial mindset which will help them to identify potential business opportunities and create high impact ventures.

### Eligibility Criteria:

A Candidate for being eligible for admission to the B.Com. (Entrepreneurship) course shall have passed the H.S.C. (Std. XII) Examination of the Maharashtra State Board of Higher Secondary Education or its equivalent examination or a Diploma in any Engineering Branch conducted by the Board of Technical Education, Maharashtra State with two years or three years duration after passing S.S.C. Examination or its equivalent examination by securing minimum 45% marks for General Category (in one attempt) at the respective examination and minimum 40% marks for the reserved category (in one attempt). Students from other University or Board of Secondary or Intermediate Education or any other Statutory Examining Body should refer to University Ordinance (O.111) on page. 15.

### Courses offered at First Year B.Com. (Entrepreneurship) (from AC. Yr.: 2023-2024)

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
Major	Design Thinking & Opportunities Identification	04	Sectoral Innovation	04
	Philosophy of Entrepreneurship	02	Family Managed Business	02
Minor	NA	NA	Principles of Management	02
Open/ General	Psychology of the Self	02	Principles of Economics	02
Elective (OE/ GE)	Quantitative Techniques	02	Advanced MS-Excel	02
Vocational Skill Course (VSC)	Business Model Innovation	02	Digital Transformation Strategies	02
Skill Enhancement Course (SEC)	Basic Accounting Skills	02	Financial Literacy	02
Indian Knowledge System (IKS)	Indian Knowledge System	02	NA	NA
Value Education Course (VEC)	Understanding India	02	Environmental Education and Sustainability	02
Ability Enhancement Course (AEC)	Language-I: English- I (Effective Communication Skills- I)	02	Language- I: English- II (Effective Communication Skills- II)	02
Co-Curricular Course (CC)	To be selected from the Basket of Courses (Page No. 14)	02	To be selected from the Basket of Courses (Page No. 14)	02
TOTAL		22		22

### Courses offered at Second Year B.Com. (Entrepreneurship) (from AC. Yr.: 2024-2025)

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
Major	Product Design & Total Quality Management	04	Strategic Entrepreneurship	04
	Roles in Start-Ups & Functionality	04	Social Entrepreneurship	04
Minor	Marketing Management	04	Cost and Management Accounting	04
Open/ General Elective (OE/ GE)	Legal Framework	02	Graphic Designing	02
Vocational Skill Course (VSC)	Intellectual Property Rights: Law and Practice	02	NA	NA
Skill Enhancement Course (SEC)	NA	NA	Sales Management & Negotiation Skills	02
Ability Enhancement Course (AEC)	Language-II: Hindi- I	02	Language- II: Hindi- II	02
CC/ OJT/ FP/ CEP/ RP	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	02	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	02
	Field Project (FP)	02	Community Engagement and Service (CEP)	02
TOTAL		22		22

### Courses offered at Third Year B.Com. (Entrepreneurship) (from AC.Yr.: 2025-2026)

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major (Mandatory)</b>	Fundamental Analysis and Equity Research	04	Image Management and Corporate Communication	04
	Media Planning and Marketing Communication	04	Mergers and Acquisitions	04
	Logistics and Supply Chain Management	02	Business Simulation	02
<b>Major (Electives)</b>	Data Analytics for Entrepreneurs	04	Enterprise Risk Management	04
<b>Minor</b>	E-Business and E-Commerce Management	04	Financial Management and Investment Instruments	04
<b>Vocational Skill Course (VSC)</b>	Financial Modelling	02	NA	NA
<b>OJT / FP / CEP</b>	Community Engagement and Service (CEP)	02	On-the-Job Training (OJT)	04
<b>Total</b>		22		22

#### Future Prospects:

Learners will be able to start their new business ventures or secure continued growth and success for their family businesses. They can also pursue Higher Education in M.A. in Innovation and Entrepreneurship, MBA in Family Business & Entrepreneurship, MBA in Entrepreneurial Marketing, Post-Graduation in Entrepreneurial Finance and Social Entrepreneurship.

## Bachelor of Commerce (Digital Business) B.Com. (Digital Business)

Intake- 60 students

#### About the Program:

Bachelor of Commerce in Digital Business is a Degree program that focuses on the concept of digital commerce. Students will learn about the methods and strategies that will help them successfully and effectively market a product or service online. It imparts the necessary skills and knowledge to the students while preparing them to enter the digital industry.

#### Eligibility Criteria:

A Candidate for being eligible for admission to the B.Com. (Digital Business) course must have passed the H.S.C (Std. XII) Examination of the Maharashtra State Board of Higher Secondary Education or an examination recognized as equivalent thereto and secured not less than 45% marks in aggregate for open category and 40% in case of reserved category (in one attempt). Students from other University or Board of Secondary or intermediate education or any other statutory examining body should refer to University Ordinance (O.111) on page. 15.

### Courses offered at First Year B.Com. (Digital Business) (from AC. Yr.: 2023-2024)

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Digital Business Landscape	04	Search Engine Optimization & Blogging	04
	Fundamentals of Digital Business & Management	02	Google Advertising	02
<b>Minor</b>	NA	NA	Business Environment	02
<b>Open/ General</b>	Quantitative Techniques	02	Principles of Economics	02
<b>Elective (OE/ GE)</b>	Legal Framework- I	02	Legal Framework- II	02
<b>Vocational Skill Course (VSC)</b>	Digital Skills for Business Development	02	Creative Writing for Digital Media	02
<b>Skill Enhancement Course (SEC)</b>	Foundation of Coding	02	Website Planning & Development	02
<b>Indian Knowledge System (IKS)</b>	Indian Knowledge System	02	NA	NA
<b>Value Education Course (VEC)</b>	Understanding India	02	Environmental Education	02
<b>Ability Enhancement Course (AEC)</b>	Language-I: English- I (Effective Communication Skills- I)	02	Language-I: English- II (Effective Communication Skills- II)	02
<b>Co-Curricular Course (CC)</b>	To be selected from the Basket of Courses (Page No. 14)	02	To be selected from the Basket of Courses (Page No. 14)	02
<b>TOTAL</b>		22		22

### Courses offered at Second Year B.Com. (Digital Business) (from AC. Yr.: 2024-2025)

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Social Media Management	<b>04</b>	Display & Video Marketing	<b>04</b>
	Content Strategy & Campaign	<b>04</b>	Influencer & Email Marketing	<b>04</b>
<b>Minor</b>	Accounting for Managers	<b>04</b>	Business Planning & Entrepreneurship Management	<b>04</b>
<b>Open/ General Elective (OE/ GE)</b>	Commercial Designing- I	<b>02</b>	Commercial Designing- II	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Digital Advertising	<b>02</b>	NA	<b>NA</b>
<b>Skill Enhancement Course (SEC)</b>	NA	<b>NA</b>	Reputation Management & Social Listening	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Language-II: Hindi- I	<b>02</b>	Language-II: Hindi- II	<b>02</b>
<b>CC/ OJT/ FP/ CEP/ RP</b>	Co-curricular Course (CC)- To be selected from the Basket of Courses (Page No. 14)	<b>02</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>
	Field Project (FP)	<b>02</b>	Community Engagement and Service (CEP)	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

### Courses offered at Third Year B.Com (Digital Business) (from AC.Yr.: 2025-2026)

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major (Mandatory)</b>	Web Analytics and Data Management	<b>04</b>	Integrated Marketing Strategies	<b>04</b>
	Media Planning & Management	<b>04</b>	E-Commerce Management	<b>04</b>
	Marketing Automation	<b>02</b>	Future Marketing Trends	<b>02</b>
<b>Major (Electives)</b>	Consumer Behavior & Analytics	<b>04</b>	Agency Management	<b>04</b>
<b>Minor</b>	Corporate Communication & Public Relations	<b>04</b>	Organisational Behaviour and Human Resource Management	<b>04</b>
<b>Vocational Skill Course (VSC)</b>	Design Thinking	<b>02</b>	NA	<b>NA</b>
<b>OJT / FP / CEP</b>	Community Engagement and Service (CEP)	<b>02</b>	On-the-Job Training (OJT)	<b>04</b>
<b>Total</b>		<b>22</b>		<b>22</b>

#### Future Prospects:

Students can pursue Higher Education in M.B.A. (Finance / Marketing/ Human Resource Management), Masters in International Business, Chartered Financial Analyst and Chartered Accountancy, Post-Graduation Diploma in Finance, Marketing, Human Resources, Family Managed Business, Real Estate Management and Logistics Supply Chain Management.

# Bachelor of Commerce (Service Industry Management)

## B.Com (SIM)

Intake- 60 students

### About the Program:

Bachelor of Commerce (Service Industry Management) is one of the latest addition to the diverse programmes of Degree Commerce at TCSC. It provides necessary knowledge and skills required to be successful in various realms in the thriving Service Sector globally. Specialisation in the programme will include Travel & Tourism and E-Commerce.

### Eligibility Criteria:

A candidate for being eligible for admission to the Three/Four -Year Degree Course leading to the B.Com (S.I.M.) must have passed the Higher Secondary School Certificate (Std. XII) Examination conducted by the different divisional boards of the Maharashtra State Board of Secondary and Higher Secondary Education OR Must have passed the Higher Secondary School Certificate (Std. XII) Examination with vocational subjects/minimum competency based vocational course conducted by the different divisional boards of the Maharashtra State Board of Secondary and Higher Secondary Education OR Must have passed an Examination of another University or Body recognized as equivalent to Higher Secondary School Certificate (Std. XII) Examination. Student from other University or Board of Secondary or Intermediate Education or any other Statutory examining body should refer to University Ordinance (O.111) on page. 15.

### Courses offered at First Year B.Com. (SIM) (from AC. Yr.: 2023-2024)

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
Major	Introduction to Service Sector	04	Principles of Service Marketing	04
	Principles of Management-I	02	Principles of Management- II	02
Minor	NA	NA	Introduction to E-Commerce Principles	02
Open/ General	Economics	02	IT Tools in Business	02
Elective (OE/ GE)	Integrated Geography	02	Quantitative Techniques	02
Vocational Skill Course (VSC)	Skills for Self-Progression (Grooming and Etiquette)	02	Skills for Hygiene and Well-Being (Health and Hygiene)	02
Skill Enhancement Course (SEC)	Financial and Accounting Skills	02	Skills for Disaster Handling	02
Indian Knowledge System (IKS)	Indian Knowledge System	02	NA	NA
Value Education Course (VEC)	Understanding India	02	Environment Management	02
Ability Enhancement Course (AEC)	Language- I: English- I (Effective Communication Skills- I)	02	Language-I: English- II (Effective Communication Skills- I)	02
Co-Curricular Course (CC)	To be selected from the Basket of Courses (Page No. 14)	02	To be selected from the Basket of Courses (Page No. 14)	02
TOTAL		22		22

### Courses offered at Second Year B.Com. (SIM) (from AC. Yr.: 2024-2025)

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
Major	Financial Management for Service Industry	04	Service Quality Management	04
	Digital Marketing for Service Industry	04	Human Resource Management	04
Minor	Organisational Behaviour	04	Website Development	04
Open/ General Elective (OE/ GE)	Legal framework for Service Industry	02	Consumer Psychology	02
Vocational Skill Course (VSC)	Skills for Aviation Management	02	NA	NA
Skill Enhancement Course (SEC)	NA	NA	Corporate Communication and Public Relations	02
Ability Enhancement Course (AEC)	Language- II: Hindi- I	02	Language- II: Hindi- II	02
CC/ OJT/ FP/ CEP/ RP	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	02	Co-curricular Course (CC)- To be selected from the Basket of Courses (Page No. 14)	02
	Field Project (FP)	02	Community Engagement and Service (CEP)	02
TOTAL		22		22



## Courses offered at Third Year B.Com. (SIM) (from AC. Yr.: 2025-2026)

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major (Mandatory)</b>	Business Environment for Service Industry	04	Service Operations Management	04
	Entrepreneurship in Service Industry	04	Strategies in Service Industry	04
	Ethics in Service	02	Service Innovation and Design	02
<b>Major (Electives)</b>	Industry Specification- I	04	Industry Specification- II	04
<b>Minor</b>	Customer Relationship Management	04	Technology in Service Management	04
<b>Vocational Skill Course (VSC)</b>	Logistics and Supply Chain Management	02	NA	NA
<b>OJT / FP / CEP</b>	Community Engagement and Service (CEP)	02	On-the-Job Training (OJT)	04
<b>Total</b>		22		22

### Future Prospects:

Students can pursue careers in service sector as well as undertake managerial position or involve in research or entrepreneurship.

## Bachelor of Commerce in Business Administration (Professional Accountancy & Financial Management)

### B.Com. (PAFM)

Intake- 120 students

#### About the Program:

B. Com.in Business Administration (Professional Accountancy & Financial Management) is a Program that will help students to develop the skills to design, plan, create, implement, manage, and market the various aspects of the financial industry. Students will examine the scope of the Accounting & Financial industry, learn how to manage the various aspects of the industry in a sustainable manner, and evaluate event outcomes.

#### Eligibility Criteria:

The candidates must have successfully completed a two-year Pre-University examination, H.S.C. (Std. XII), IBDP, IBCP, or an equivalent qualification from the Maharashtra State Board of Higher Secondary Education or an examination recognized as equivalent thereto. Applicants from other universities, secondary or intermediate education boards, or any other recognized examining body should consult the university ordinance for specific requirements. Lateral entry is available for those who have pursued similar or related programs from any board, subject to meeting the eligibility criteria. Student from other University or Board of Secondary or Intermediate Education or any other Statutory examining boards should refer to University Ordinance (O.111) on page. 15.

## Courses offered at First Year B.Com. in Business Administration (Professional Accountancy & Financial Management) (from AC. Yr.: 2024-25)

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Accountancy	04	Financial Management- II	04
	Financial Management- I	02	Advanced Accountancy	02
<b>Minor</b>	NA	NA	Principles of Management	02
<b>Open/ General Elective (OE/ GE)</b>	Strategic Management (OR) Indian Socio Political Economic System & Current Affairs	02	Corporate & Other Laws- I (OR) Economics	02
	Economic Efficiency Analysis (OR) Business Mathematics & Statistics- I	02	Indian Economy (OR) Business Mathematics & Statistics- II	02
<b>Vocational Skill Course (VSC)</b>	Taxation- I	02	Taxation- II	02
<b>Skill Enhancement Course (SEC)</b>	Auditing and Assurance	02	Introduction to Analysis of Spreadsheets	02
<b>Indian Knowledge System (IKS)</b>	Indian Knowledge System	02	NA	NA
<b>Value Education Course (VEC)</b>	Constitution of India & Human Rights	02	Environmental Education	02
<b>Ability Enhancement Course (AEC)</b>	Functional English- I	02	Functional English- II	02
<b>Co-Curricular Course (CC)</b>	Yoga/ NSS/ NCC/ Sports/ Cultural	02	Lifestyle Pillars- I	02
<b>TOTAL</b>		22		22

**Courses offered at Second Year B.Com. in Business Administration  
(Professional Accountancy & Financial Management) (from AC. Yr.: 2025-26)**

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Financial Services and Capital Markets- I	<b>04</b>	Financial Services and Capital Markets- II	<b>04</b>
	Strategic Cost Management and Performance Evaluation	<b>04</b>	Equity Research	<b>04</b>
<b>Minor</b>	Human Resource Management and Organisational Behaviour	<b>04</b>	Digital Marketing	<b>04</b>
<b>Open/ General Elective (OE/ GE)</b>	Economic Laws- I (OR) Quantitative Techniques- I	<b>02</b>	Economic Laws- II (OR) Quantitative Techniques- I	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Financial Modelling- I	<b>02</b>	NA	<b>NA</b>
<b>Skill Enhancement Course (SEC)</b>	NA	<b>NA</b>	Financial Modelling- II	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Hindi- I	<b>02</b>	Hindi- II	<b>02</b>
<b>CC/ OJT/ FP/ CEP/ RP</b>	Co-curricular Course (CC) - Yoga/ NSS/ NCC/ Sports/ Cultural	<b>02</b>	Co-Curricular Course (CC) - Lifestyle Pillars- I	<b>02</b>
	Field Project (FP) - Study and Analysis of Industry Scenario- I	<b>02</b>	Community Engagement and Service (CEP)	<b>02</b>
<b>Total</b>		<b>22</b>		<b>22</b>

## Bachelor of Sports Management (BSM)

**Intake- 120 students**

### About the Program:

Bachelor of Sports Management is a program that will help students to develop the skills to design, plan, create, implement, manage, and market the various aspects of the sports industry. Students will examine the scope of the sports industry, learn how to manage the various aspects of the industry in a sustainable manner, and evaluate event outcomes.

### Eligibility Criteria:

The candidates must have successfully completed a two-year Pre-University examination, H.S.C. (Std. XII), IBDP, IBCP, or an equivalent qualification from the Maharashtra State Board of Higher Secondary Education or an examination recognized as equivalent thereto. Applicants from other universities, secondary or intermediate education boards, or any other recognized examining body should consult the university ordinance for specific requirements. Lateral entry is available for those who have pursued similar or related programs from any board, subject to meeting the eligibility criteria. Student from other University or Board of Secondary or Intermediate Education or any other Statutory examining boards should refer to University Ordinance (O.111) on page. 15.

### Courses offered: First Year - Bachelor of Sports Management (from AC. Yr.: 2024-25)

SEM.LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Fundamentals of Sports and New Age Dynamics	<b>03</b>	Management of Sports Leagues and Teams	<b>03</b>
	Leadership Principles in Sports	<b>03</b>	Sports Risk Management	<b>03</b>
<b>Minor</b>	NA	<b>NA</b>	Principles of Management	<b>02</b>
<b>Open/ General Elective (OE/ GE)</b>	World Cultures- I (OR) Overview of Travel and Tourism	<b>02</b>	World Cultures- II (OR) Basis of Financial Services	<b>02</b>
	Indian Economy (OR) Business Mathematics and Statistics- I		India Socio Political Economics System & Current Affairs (OR) Business Mathematics and Statistics- II	
<b>Vocational Skill Course (VSC)</b>	Professional Learning Experience in Sports Management- I	<b>02</b>	Professional Learning Experience in Sports Management- II	<b>02</b>
<b>Skill Enhancement Course (SEC)</b>	Effective Presentation Skills	<b>02</b>	Selling and Negotiation Skills	<b>02</b>
<b>Indian Knowledge System (IKS)</b>	Indian Knowledge System	<b>02</b>	NA	<b>NA</b>
<b>Value Education Course (VEC)</b>	Constitution of India & Human Rights	<b>02</b>	Environmental Education	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Functional English- I	<b>02</b>	Functional English- II	<b>02</b>
<b>Co-Curricular Course (CC)</b>	Basics of Yoga - I/ NSS/ NCC/ Sports/ Cultural	<b>02</b>	Basics of Yoga - II/ NSS/ NCC/ Sports/ Cultural	<b>02</b>
<b>Total</b>		<b>22</b>		<b>22</b>



### Courses offered at Second Year Bachelor of Sports Management (from AC. Yr.: 2025-26)

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Sports and Entertainment Marketing	<b>04</b>	Global Sports Tourism	<b>03</b>
	Sports, Media, Broadcasting and Journalism	<b>04</b>	International Sports Management	<b>03</b>
<b>Minor</b>	Foundation of Human Skills	<b>04</b>	Human Resources Management	<b>02</b>
<b>Open/ General Elective (OE/ GE)</b>	Corporate Communication and Image Building- I (OR) Quantitative Techniques- I	<b>02</b>	Corporate Communication and Image Building- II (OR) Quantitative Techniques- II	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	I.T. in Business- I	<b>02</b>	NA	<b>NA</b>
<b>Skill Enhancement Course (SEC)</b>	NA	<b>NA</b>	Digital Skills for Sports	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Hindi- I	<b>02</b>	Hindi- II	<b>02</b>
<b>CC/ OJT/ FP/ CEP/ RP</b>	Co-curricular Course (CC) - Lifestyle Pillars- I	<b>02</b>	Co-curricular Course (CC) - Lifestyle Pillars- II	<b>02</b>
	Field Project (FP)- Field Experience in Sports Management-I	<b>02</b>	Community Engagement and Service (CEP)- Sports Outreach & Social Responsibility- I	<b>02</b>
<b>Total</b>		<b>22</b>		<b>22</b>

## Bachelor of Arts MultiMedia and Mass Communication (B.A.M.M.C.)

Intake- 240 students

### About the Program:

Department of BAMMC (Previously known as B.M.M.) provides an interesting amalgamation of practical and theoretical knowledge to its learners that sets the basis for new avenues in mass media and communications for the Gen-Z. The comprehensive curriculum includes courses in advertising, journalism, film studies, television studies, video production Digital media, and new technologies.

### Eligibility Criteria: (O.5206)

A candidate for being eligible for admission to the three-year degree course in Bachelor of MultiMedia and Mass Communication shall have passed the H.S.C. (Std.XII) examination of Maharashtra State Board of Higher Secondary Education or its equivalent from Science, Arts or Commerce Stream. Admissions are purely based on merit duly following the reservation policy as per the norms of Govt. of Maharashtra. Student from other University or Board of Secondary or Intermediate Education or any other Statutory examining boards should refer to University Ordinance (O.111) on page. 15.

### Courses offered at First Year B.A. (M.M.C.) (from AC. Yr. :2023-2024)

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Fundamentals of Mass Communication	<b>04</b>	Content Writing	<b>04</b>
	Visual Communication	<b>02</b>	Introduction to Advertising	<b>02</b>
<b>Minor</b>	NA	<b>NA</b>	Introduction to Journalism	<b>02</b>
<b>Open/ General</b>	Principles of Marketing	<b>02</b>	Principles of Management	<b>02</b>
<b>Elective (OE/ GE)</b>	Organisational Behaviour	<b>02</b>	Introduction to Animation	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Digital Media- I	<b>02</b>	Digital Media- II	<b>02</b>
<b>Skill Enhancement Course (SEC)</b>	Introduction to Photography	<b>02</b>	Computer and Multimedia- I	<b>02</b>
<b>Indian Knowledge System (IKS)</b>	Indian Knowledge System	<b>02</b>	NA	<b>NA</b>
<b>Value Education Course (VEC)</b>	Understanding India	<b>02</b>	Environmental Education	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Language-I: English-I (Effective Communication Skills- I)	<b>02</b>	Language-I: English-II (Effective Communication Skills- II)	<b>02</b>
<b>Co-Curricular Course (CC)</b>	To be selected from the Basket of Courses (Page No. 14)	<b>02</b>	To be selected from the Basket of Courses (Page No. 14)	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

### Courses offered at Second Year B.A. (M.M.C.) (from AC. Yr. :2024-2025)

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Media Studies	04	Writing and Editing for Media	04
	Film Communication- I	04	Film Communication- II	04
<b>Minor</b>	Electronic Media	04	Research in Advertising and Journalism	04
<b>Open/ General Elective (OE/ GE)</b>	Corporate Communication & Public Relations	02	Business Plan & Negotiation Skills	02
<b>Vocational Skill Course (VSC)</b>	Computer and Multimedia- II	02	NA	NA
<b>Skill Enhancement Course (SEC)</b>	NA	NA	Introduction to Cinematography	02
<b>Ability Enhancement Course (AEC)</b>	Language- II: Hindi- I	02	Language- II: Hindi- II	02
<b>CC/ OJT/ FP/ CEP/ RP</b>	Co-curricular Course (CC) To be selected from the Basket of Courses (Page No. 14)	02	Co-curricular Course (CC)- To be selected from the Basket of Courses (Page No. 14)	02
	Field Project (FP)	02	Community Engagement and Service (CEP)	02
<b>TOTAL</b>		22		22

### Courses offered at Third Year B.A. (M.M.C.) (from AC. Yr. :2025-2026)

**Major: Advertising, Minor:Journalism**

*(Important: Learners need to choose their respective major and minor courses at the beginning of Semester V)*

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major (Mandatory)</b>	Media Planning & Buying	04	Agency Management	04
	Account Planning & Campaign Designing	04	Brand Management	04
	Indian Ethics and Laws in Advertising	02	Advertising & Marketing Research	02
<b>Major (Electives)</b>	Consumer Behaviour	04	Rural Marketing & Advertising	04
<b>Minor</b>	Reporting	04	Digital Journalism	04
<b>Vocational Skill Course (VSC)</b>	Copywriting	02	NA	NA
<b>OJT / FP / CEP</b>	Community Engagement and Service (CEP)- Documentary and Public Service Ad Making	02	On-the-Job Training (OJT)- Advertising Design Project (Practical)	04
<b>TOTAL</b>		22		22

### Courses offered at Third Year B.A. (M.M.C.) (from AC. Yr. :2025-2026)

**Major: Journalism, Minor:Advertising**

*(Important: Learners need to choose their respective major and minor courses at the beginning of Semester V)*

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major (Mandatory)</b>	Reporting	04	Mobile Journalism & New Media	04
	Investigative Journalism	04	Journalism and Public Opinion	04
	Indian Ethics and Laws in Journalism	02	Sports Journalism	02
<b>Major (Electives)</b>	Feature Writing	04	Trends in Global Media	04
<b>Minor</b>	Media Planning & Buying	04	Brand Management	04
<b>Vocational Skill Course (VSC)</b>	Anchoring and Dubbing	02	NA	NA
<b>OJT / FP / CEP</b>	Community Engagement and Service (CEP)- Documentary and Public Service Ad Making	02	On-the-Job Training (OJT) - Newspaper and Magazine Project (Practical)	04
<b>TOTAL</b>		22		22

#### Future Prospects:

Students can pursue education in M.A. (Journalism), M.A.(Advertising & PR), M.A. (Mass Communication), M.A. (Media & Communication) and M.A. (Entertainment, Media & Advertising). They can also pursue Post Graduation in Journalism, Media and Acting.

# Bachelor of Arts Film, Television and New Media Production

## B.A. (F.T.N.M.P.)

Intake- 60 students

### About the Program:

The Department is the foundation for budding filmmakers, technicians, and media producers to prepare the learners for various aspects of production of Film, Television and other mediums. This 3/ 4 -year undergraduate program meets the technical requirements of the field and provides the given practical exposure required by the learners.

### Eligibility Criteria:

Candidate for being eligible for admission to the three year integrated course leading to the Degree of BA (Film, Television and New Media Production), shall be required to have passed the Higher Secondary School Certificate Examination (Academic or Vocational Stream) conducted by different Divisional Boards of Maharashtra State Board of Secondary and Higher Secondary Education or an Examination of any other University or Body recognized as equivalent thereof by the Senate of the University of Mumbai. Student from other University or Board of Secondary or Intermediate Education or any other Statutory examining boards should refer to University Ordinance (O.111) on page. 15.

### Courses offered at First Year B.A. (F.T.N.M.P.) (from AC. Yr. :2023-2024)

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
Major	Film Appreciation - Genres	04	Practical Film Making	04
	Introduction to New Media	02	History of Non-Fiction Film Production	02
Minor	NA	NA	Understanding TVFormats & Genres	02
Open/ General	Introduction to Animation	02	Principles of Marketing	02
Elective (OE/ GE)	Principles of Management	02	Importance of Sound & Sound SFX	02
Vocational Skill Course (VSC)	Introduction to Photography	02	Introduction to Post Production	02
Skill Enhancement Course (SEC)	Graphic Designing	02	Cinematography	02
Indian Knowledge System (IKS)	Indian Knowledge System	02	NA	NA
Value Education Course (VEC)	Understanding India	02	Environmental Education	02
Ability Enhancement Course (AEC)	Language-I: English- I (Effective Communication Skills- I)	02	Language-I: English- II (Effective Communication Skills- I)	02
Co-Curricular Course (CC)	To be selected from the Basket of Courses (Page No. 14)	02	To be selected from the Basket of Courses (Page No. 14)	02
<b>TOTAL</b>		<b>22</b>		<b>22</b>

### Courses offered at Second Year B.A. (F.T.N.M.P.) (from AC. Yr. :2024-2025)

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
Major	TV Production	04	Intermediary Practical Filmmaking	04
	Screen Writing	04	Introduction to Direction for Film	04
Minor	Introduction to Direction for TV	04	Drama Production	04
Open/ General Elective (OE/ GE)	Introduction to Advertising	02	Corporate Communication and Public Relations	02
Vocational Skill Course (VSC)	Concepts of Storyboarding	02	NA	NA
Skill Enhancement Course (SEC)	NA	NA	Visual Communication	02
Ability Enhancement Course (AEC)	Language- II: Hindi- I	02	Language- II: Hindi- II	02
CC/ OJT/ FP/ CEP/ RP	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	02	Co-curricular Course (CC)- To be selected from the Basket of Courses (Page No. 14)	02
	Field Project (FP)	02	Community Engagement and Service (CEP)	02
<b>TOTAL</b>		<b>22</b>		<b>22</b>



## Courses offered at Third Year B.A. (F.T.N.M.P.) (from AC. Yr. :2025-2026)

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major (Mandatory)</b>	Music Video Production (Practical)	04	Final Film Project (Practical)	10
	Contemporary Indian Cinema	04		
	Indian Ethics and Media Laws	02		
<b>Major (Electives)</b>	Project Management	02	Set Designing and Art Direction	04
<b>Minor</b>	Multimedia Content Production	04	Digital Content Publicity	04
<b>Vocational Skill Course (VSC)</b>	Advanced Web Designing	02	NA	NA
<b>OJT / FP / CEP</b>	Community Engagement and Service (CEP)- (Public Service Ad-Making) Practical	02	On-the-Job Training (OJT)	04
<b>TOTAL</b>		<b>22</b>		<b>22</b>

### Future Prospects:

Students can pursue education in M.A. (Journalism), M.A.(Advertising & PR), M.A. (Mass Communication), M.A. (Media & Communication) and M.A. (Entertainment, Media & Advertising). They can also pursue Post Graduation in Journalism, Media and Acting.

## Bachelor of Science

Intake- 240 students

(Aided 120 Students)

### About the Program:

Bachelor of Science gives a holistic approach with equal emphasis on all core subjects of Physics, Chemistry, Botany, Zoology and Mathematics & Statistics. The course is application oriented and will prepare students with requisite competency in basic academic, research and modern industry.

### Eligibility Criteria:

A candidate for being eligible for admission to the three/four-year integrated degree course of B.Sc. must have passed the H.S.C. (Std.XII) examination in Science Stream conducted by the Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent.

Student from other University or Board of Secondary or Intermediate Education or any other Statutory examining body should refer to University Ordinance (O.111) on page. 15.

### Major - B.Sc. (Chemistry)

## Courses offered at First Year B.Sc.(Chemistry) (from AC. Yr. :2023-2024)

(Important: Learners need to select ONE Major course at the beginning of Semester III & no change is allowed thereafter.)

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Basics in Physical Chemistry- I	02	Basics in Physical Chemistry- II	02
	Basics in Inorganic Chemistry- I	02	Basics in Inorganic Chemistry- II	02
	Basics in Organic Chemistry- I	02	Basics in Organic Chemistry- II	02
	Practical of Chemistry	02	Practical of Chemistry	02
<b>Minor</b>	(SELECT ANY ONE) Botany- I, II, III & Practical (OR) Zoology- I, II, III & Practical (OR) Physics- I, II, III & Practical	08	(SELECT ANY ONE) Botany- I, II, III & Practical (OR) Zoology- I, II, III & Practical (OR) Physics- I, II, III & Practical	08
<b>Skill Enhancement Course (SEC)</b>	Environmental Education	02	NA	NA
<b>Indian Knowledge System(IKS)</b>	NA	NA	Indian Knowledge System	02
<b>Ability Enhancement Course (AEC)</b>	Language-I: English- I	02	Language-I: English- II	02
<b>CC/OJT/FP/ CEP/RP</b>	To be selected from the Basket of Courses (Page No. 14)	02	To be selected from the Basket of Courses (Page No. 14)	02
<b>TOTAL</b>		<b>22</b>		<b>22</b>

## Courses offered at Second Year B.Sc.(Chemistry) (from AC. Yr. :2024-2025)

(Important: Learners need to select ONE Major course at the beginning of Semester III & no change is allowed thereafter.)

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Progressive Physical & Analytical Chemistry- I	<b>03</b>	Progressive Physical & Analytical Chemistry- II	<b>03</b>
	Progressive Inorganic & Organic Chemistry- I	<b>03</b>	Progressive Inorganic & Organic Chemistry- II	<b>03</b>
	Practical of Chemistry	<b>02</b>	Practical of Chemistry	<b>02</b>
<b>Minor</b>	(SELECT ANY ONE) Botany & Practical (OR) Zoology & Practical (OR) Physics & Practical	<b>04</b>	(SELECT ANY ONE) Botany & Practical (OR) Zoology & Practical (OR) Physics & Practical	<b>04</b>
<b>Open/ General Elective (OE/ GE)</b>	Basics of Banking and Finance- I	<b>02</b>	Basics of Banking and Finance- II	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Soil Analysis	<b>02</b>	NA	<b>NA</b>
<b>Skill Enhancement Course (SEC)</b>	NA	<b>NA</b>	Water Analysis	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Language-II: Hindi- I	<b>02</b>	Language-II: Hindi- II	<b>02</b>
<b>CC/OJT/FP/ CEP/RP</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>
	Field Project (FP)	<b>02</b>	Constitution of India	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

## Courses offered at Third Year B.Sc. (Chemistry) (from AC. Yr. :2025-2026)

(Important: Learners will continue with the chosen major and minor courses selected at the beginning of Semester III)

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Physical & Inorganic Chemistry	<b>03</b>	Physical & Inorganic Chemistry	<b>03</b>
	Chemistry Practical- I	<b>02</b>	Chemistry Practical- I	<b>02</b>
	Organic & Inorganic Chemistry	<b>03</b>	Organic & Inorganic Chemistry	<b>03</b>
	Chemistry Practical- II	<b>02</b>	Chemistry Practical- II	<b>02</b>
<b>Minor</b>	Analytical Chemistry	<b>02</b>	Analytical Chemistry	<b>02</b>
	Chemistry Practical- III	<b>02</b>	Chemistry Practical- III	<b>02</b>
<b>Open/General Elective (OE/GE)</b>	Drugs & Dyes	<b>02</b>	Drugs & Dyes	<b>02</b>
	Chemistry Practical- IV	<b>02</b>	Chemistry Practical- IV	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Spectroscopy for Chemical Analysis	<b>02</b>	NA	<b>NA</b>
<b>CC/ OJT/ FP/ CEP/ RP</b>	Community Engagement and Service (CEP)	<b>02</b>	On-the-Job Training (OJT)	<b>04</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

### Future Prospects:

A B.Sc. in Chemistry equips individuals with valuable analytical and problem-solving skills that are applicable in numerous industries like Pharmaceuticals, Chemicals and Forensic Sciences. Students can pursue further studies, such as a Master's or Ph.D., which can lead to more specialized and advanced career opportunities

# Bachelor of Science

## Major - B.Sc. (Zoology)

### Courses offered at First Year B.Sc. (Zoology) (from AC. Yr.: 2023-2024)

(Important: Learners need to select ONE Major course at the beginning of Semester III & no change is allowed thereafter.)

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Basic Zoology- I Animal Classification Physiology	<b>02</b>	Basic Zoology- II Animal Classification Physiology	<b>02</b>
	Modern Zoology- I Biomolecules, Biotechnology	<b>02</b>	Modern Zoology- II Human Nutrition, Health and Diseases	<b>02</b>
	Applied Zoology- I Wildlife of India	<b>02</b>	Applied Zoology- II Maintainance of Ornamental Fisheries	<b>02</b>
	Practical of Zoology I&II.	<b>02</b>	Practical of Zoology- I & II.	<b>02</b>
<b>Minor</b>	Chemistry- I, II, III & Practical	<b>08</b>	Chemistry- IV, V, VI & Practical	<b>08</b>
<b>Skill Enhancement Course (SEC)</b>	Environmental Education	<b>02</b>	NA	<b>NA</b>
<b>Indian Knowledge System(IKS)</b>	NA	<b>NA</b>	Indian Knowledge System	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Language- I: English- I	<b>02</b>	Language- I: English- II	<b>02</b>
<b>CC/OJT/FP/CEP/ RP</b>	To be selected from the Basket of Courses (Page No. 14)	<b>02</b>	To be selected from the Basket of Courses (Page No. 14)	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

### Courses offered at Second Year B.Sc. (Zoology) (from AC. Yr.: 2024-2025)

(Important: Learners need to select ONE Major course at the beginning of Semester III & no change is allowed thereafter.)

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	ZOO-VII: Genetics	<b>03</b>	Evolutionary Genetics	<b>03</b>
	ZOO -VIII: Animal World	<b>03</b>	Cell Biology	<b>03</b>
	Practical of Zoology	<b>02</b>	Practical of Zoology	<b>02</b>
<b>Minor</b>	Chemistry-VII & Practical	<b>04</b>	Chemistry -IX & Practical	<b>04</b>
<b>Open/General Elective (OE/GE)</b>	Basics of Banking and Finance- I	<b>02</b>	Basics of Banking and Finance- II	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Applied Zoology	<b>02</b>	Embryology	<b>02</b>
<b>Skill Enhancement Course (SEC)</b>	NA	<b>NA</b>	NA	<b>NA</b>
<b>Ability Enhancement Course (AEC)</b>	Language-II: Hindi- I	<b>02</b>	Language-II: Hindi- II	<b>02</b>
<b>CC/OJT/FP/CEP/ RP</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>
	Field Project (FP)	<b>02</b>	Constitution of India	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

## Courses offered at Third Year B.Sc. (Zoology) (from AC. Yr.: 2025-2026)

(Important: Learners will continue with the chosen major and minor courses selected at the beginning of Semester III)

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Biotechnology, Bacterial Genetics	03	Taxonomy, Systematics	03
	Haematology and Immunology	03	Enzyinology & Endrocrinology	03
	Zoology Practical- V	02	Zoology Practical- IX	02
	Practical- IV	02	Practical- X	02
<b>Minor</b>	Anatomy and Developmental Biology	02	Environmental Biology and Zoo Pharmacognosy	02
	Minor Practical- VII	02	Minor Practical- XI	02
<b>Open/ General Elective (OE/GE)</b>	Histologyand Toxicology (OR) Pathology and Biostatistics- I	02	Genetics (OR) Bioinformatics	02
	Practical- VIII	02	Practical- XII	02
<b>Vocational Skill Course (VSC)</b>	Fishery Biology (Applied Components)	02	NA	NA
<b>CC/ OJT/ FP/ CEP/ RP</b>	Community Engagement and Service (CEP) / Field Project (FP)	02	On-the-Job Training (OJT)	04
<b>TOTAL</b>		<b>22</b>		<b>22</b>

### Future Prospects:

B.Sc.(Zoology) Graduates can seek career opportunities in various sectors including Animal Care Specialist, Conservationist, Wildlife Biologist, Zoo Curator, Wildlife Educator, Zoology Researcher, and Lab Technician. Some top recruiters for BSc Zoology in India are Research Centers, Aquariums, Veterinary Clinics, Fisheries and Aquaculture, Agrochemical Companies etc.

## Bachelor of Science Major - B.Sc. (Botany)

### Courses offered at First Year B.Sc. (Botany) (from AC. Yr.: 2023-2024)

(Important: Learners need to select ONE Major course at the beginning of Semester III & no change is allowed thereafter.)

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	BOTANY-I Plant Diversity- I	02	BOTANY-IV Plant Diversity- II	02
	BOTANY-II Form and Function - I	02	BOTANY-V Form and Function- II	02
	BOTANY-III: Applied Botany- I	02	BOTANY-VI: Applied Botany- II	02
	Practical of Botany- I & II.	02	Practical of Botany- IV & V.	02
<b>Minor</b>	Chemistry -I,II,III & Practical	08	Chemistry- IV, V, VI & Practical	08
<b>Skill Enhancement Course (SEC)</b>	Environmental Education	02	NA	NA
<b>Indian Knowledge System (IKS)</b>	NA	NA	Indian Knowledge System	02
<b>Ability Enhancement Course (AEC)</b>	Language-I: English- I	02	Language-I: English- II	02
<b>CC/OJT/FP/CEP/ RP</b>	To be selected from the Basket of Courses (Page No. 14)	02	To be selected from the Basket of Courses (Page No. 14)	02
<b>TOTAL</b>		<b>22</b>		<b>22</b>

## Courses offered at Second Year B.Sc. (Botany) (from AC. Yr.:2024-2025)

*(Important: Learners need to select ONE Major course at the beginning of Semester III & no change is allowed thereafter.)*

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Botany-VII Plant Diversity- III	<b>03</b>	Botany- IX Plant Diversity- IV	<b>03</b>
	Botany- VIII Forms & Functions- III	<b>03</b>	Botany- X Forms & Functions-IV	<b>03</b>
	Practical of Botany Paper- VII & VIII	<b>02</b>	Practical of Botany Paper- IX & X	<b>02</b>
<b>Minor</b>	Chemistry-VII & Practical	<b>04</b>	Chemistry- IX & Practical	<b>04</b>
<b>Open/ General Elective (OE/GE)</b>	Basics of Banking and Finance - I	<b>02</b>	Basics of Banking and Finance- II	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Plant Tissue Culture	<b>02</b>	NA	<b>NA</b>
<b>Skill Enhancement Course (SEC)</b>	NA	<b>NA</b>	Genetic Disorders & Cancer Biology	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Language-II: Hindi- I	<b>02</b>	Language-II: Hindi- II	<b>02</b>
<b>CC/OJT/FP/CEP/ RP</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>
	Field Project (FP)	<b>02</b>	Constitution of India	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

## Courses offered at Third Year B.Sc. (Botany) (from AC. Yr.:2025-2026)

*(Important: Learners will continue with the chosen major and minor courses selected at the beginning of Semester III)*

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Plant Diversity- V	<b>03</b>	Plant Diversity- VII	<b>03</b>
	Plant Diversity- VI	<b>03</b>	Plant Diversity- VIII	<b>03</b>
	Practical based on Plant Diversity- V	<b>02</b>	Practical based on Plant Diversity- VII	<b>02</b>
	Practical based on Plant Diversity- VI	<b>02</b>	Practical based on Plant Diversity- VIII	<b>02</b>
<b>Minor</b>	Current Trends in Plant Sciences-I	<b>02</b>	Current Trends in Plant Sciences- II	<b>02</b>
	Practical of Current Trends in Plant Sciences- I	<b>02</b>	Practical of Current Trends in Plant Sciences- II	<b>02</b>
<b>Dept specific Elective</b>	Form & Function- V	<b>02</b>	Form & Function- VI	<b>02</b>
	Practical of Form & Function- V	<b>02</b>	Practical of Form & Function- VI	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Applied Botany- V	<b>02</b>	NA	<b>NA</b>
<b>CC/ OJT/ FP/ CEP/ RP</b>	Community Engagement and Service (CEP) / Field Project (FP)	<b>02</b>	On-the-Job Training (OJT)	<b>04</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

### Future Prospects:

B.Sc.(Botany) provides a foundation for contributing to crucial areas like environmental protection, food security, and scientific advancement. Students can pursue careers as Botanist, Ecologist, Environmental Consultant, Plant Pathologist, Researcher and Educator. Students can pursue M.Sc. in Botany for further specialization.



# Bachelor of Science

## Major - B.Sc. (Physics)

### Courses offered at First Year B.Sc. (Physics) (from AC. Yr. :2023-2024)

(Important: Learners need to select ONE Major course at the beginning of Semester III & no change is allowed thereafter.)

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	PHYSICS-I Classical Mechanics and Thermodynamics	<b>02</b>	PHYSICS-IV Introduction to Mathematical Methods in Physics & Wave Mechanics	<b>02</b>
	PHYSICS-II Fundamentals of Nuclear Physics and Modern Physics	<b>02</b>	PHYSICS-V Basic concepts of AC Theory and Network Theorem and Fundamentals of Electro-Magneto statics	<b>02</b>
	PHYSICS-III: Applied Physics- I	<b>02</b>	PHYSICS-VI: Applied Physics-II	<b>02</b>
	Practical of Physics- I & II	<b>02</b>	Practical of Physics IV & V	<b>02</b>
<b>Minor</b>	Chemistry- I, II, III & Practical (OR) Maths- I,II,III & Practical	<b>08</b>	Chemistry- IV, V, VI & Practical (OR) Maths- IV, V, VI & Practical	<b>08</b>
<b>Skill Enhancement Course (SEC)</b>	Environmental Education	<b>02</b>	NA	<b>NA</b>
<b>Indian Knowledge System (IKS)</b>	NA	<b>NA</b>	Indian Knowledge System	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Language-I: English- I	<b>02</b>	Language-I: English- II	<b>02</b>
<b>CC/OJT/FP/CEP/ RP</b>	To be selected from the Basket of Courses (Page No. 14)	<b>02</b>	To be selected from the Basket of Courses (Page No. 14)	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

### Courses offered at Second Year B.Sc.(Physics) (from AC. Yr.:2024-2025)

(Important: Learners need to select ONE Major course at the beginning of Semester III & no change is allowed thereafter.)

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	PHYSICS- VII Classical Mechanics & Thermal Physics	<b>03</b>	PHYSICS- IX Optics & Digital Electronics	<b>03</b>
	PHYSICS- VIII Vector Calculus & Analog Electronics	<b>03</b>	PHYSICS- X Introduction to Quantum Mechanics	<b>03</b>
	Practical of Physics Paper- VII & VIII	<b>02</b>	Practical of Physics Paper- IX & X	<b>02</b>
<b>Minor</b>	Chemistry - VII & Practical (OR) Maths -VII & Practical	<b>04</b>	Chemistry- IX & Practical (OR) Maths- IX & Practical	<b>04</b>
<b>Open/ General Elective (OE/ GE)</b>	Basics of Banking and Finance- I	<b>02</b>	Basics of Banking and Finance- II	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Installation & Maintenance of Solar Panel for Domestic & Commercial Use	<b>02</b>	NA	<b>NA</b>
<b>Skill Enhancement Course (SEC)</b>	NA	<b>NA</b>	Basic Assembly Language & C++ Programming	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Language- II: Hindi- I	<b>02</b>	Language- II: Hindi- II	<b>02</b>
<b>CC/OJT/FP/CEP/ RP</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>
	Field Project (FP)	<b>02</b>	Constitution of India	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

## Courses offered at Third Year B.Sc. (Physics) (from AC. Yr.:2025-2026)

*(Important: Learners will continue with the chosen major and minor courses selected at the beginning of Semester III)*

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	PHYSICS- XI Mathematical Methods in Physics & Statistical Mechanics	<b>03</b>	PHYSICS-XV Classical Mechanics & Electronics	<b>03</b>
	PHYSICS- XII Atomic and Molecular Physics & Nuclear Physics	<b>03</b>	PHYSICS-XVI Special Theory of Relativity & Electrodynamics	<b>03</b>
	Practical of Physics Paper- XI, XII	<b>04</b>	Practical of Physics Paper- XV, XVI	<b>04</b>
<b>Minor</b>	PHYSICS- XIV Material Science-I	<b>02</b>	PHYSICS- XVIII Material Science- II	<b>02</b>
	Practical of Physics Paper- XIV	<b>02</b>	Practical of Physics Paper XVIII	<b>02</b>
<b>Open/ General Elective (OE/ GE)</b>	PHYSICS- XIII Advanced Microprocessor & Microcontrollers	<b>02</b>	PHYSICS- XVII Python Programming	<b>02</b>
	Practical of Physics Paper- XIII	<b>02</b>	Practical of Physics Paper- XVII	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Introduction to Nanotechnology	<b>02</b>	NA	<b>NA</b>
<b>CC/ OJT/ FP/ CEP/ RP</b>	Community Engagement and Service (CEP) / Field Project (FP)	<b>02</b>	On-the-Job Training (OJT)	<b>04</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

### Future Prospects:

B.Sc.(Physics) The degree offers a versatile skill set that opens doors to a wide range of rewarding careers like Technology and Engineering, Astronomy, Aerospace Engineering and Renewable Energy.

## Bachelor of Science

### Major - B.Sc. (Mathematics)

## Courses offered at First Year B.Sc.(Mathematics) (from AC. Yr. :2023-2024)

*(Important: Learners need to select ONE Major course at the beginning of Semester III & no change is allowed thereafter.)*

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	MATHS-:I Calculus- I	<b>02</b>	MATHS-:IV Calculus- II	<b>02</b>
	MATHS -II: Algebra- I	<b>02</b>	MATHS -V: Algebra- II	<b>02</b>
	MATHS-III: Basics of Statistics- I	<b>02</b>	MATHS-VI: Basics of Statistics- II	<b>02</b>
	Practical of Mathematics- I & II	<b>02</b>	Practical of Mathematics- IV & V	<b>02</b>
<b>Minor</b>	Physics- I, II, III & Practical	<b>08</b>	Physics- IV, V, VI & Practical	<b>08</b>
<b>Skill Enhancement Course (SEC)</b>	Environmental Education	<b>02</b>	NA	<b>NA</b>
<b>Indian Knowledge System(ICS)</b>	NA	<b>NA</b>	Indian Knowledge System	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Language- I: English- I	<b>02</b>	Language- I: English- II	<b>02</b>
<b>CC/OJT/FP/CEP/ RP</b>	To be selected from the Basket of Courses (Page No. 14)	<b>02</b>	To be selected from the Basket of Courses (Page No. 14)	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

## Courses offered at Second Year B.Sc. (Mathematics) (from AC. Yr.:2024-2025)

(Important: Learners need to select ONE Major course at the beginning of Semester III & no change is allowed thereafter.)

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	MATHS- VII: Differential Calculus & Differential Equations	<b>03</b>	MATHS- IX: Integral Calculus & Differential Equations	<b>03</b>
	MATHS- VIII: Linear Algebra	<b>03</b>	MATHS- X Linear Algebra and Group Theory	<b>03</b>
	Practical of MATHS- VII & VIII	<b>02</b>	Practical of- IX & X	<b>02</b>
<b>Minor</b>	Physics- VII Practical	<b>04</b>	Physics- IX Practical- IX	<b>04</b>
<b>Open/ General Elective (OE/ GE)</b>	Basics of Banking and Finance- I	<b>02</b>	Basics of Banking and Finance- II	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Advance Excel	<b>02</b>	NA	<b>NA</b>
<b>Skill Enhancement Course (SEC)</b>	NA	<b>NA</b>	R Programming	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Language- II: Hindi- I	<b>02</b>	Language- II: Hindi- II	<b>02</b>
<b>CC/OJT/FP/CEP/RP</b>	Co-curricular Course (CC)- To be selected from the Basket of Courses (Page No. 14)	<b>02</b>	Co-curricular Course (CC)- To be selected from the Basket of Courses (Page No. 14)	<b>02</b>
	Field Project (FP)	<b>02</b>	CEP : Constitution of India	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

## Courses offered at Third Year B.Sc. (Mathematics) (from AC. Yr.:2025-2026)

(Important: Learners will continue with the chosen major and minor courses selected at the beginning of Semester III)

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Multivariable Calculus and Partial Differential Equations	<b>03</b>	Basic Complex Analysis and Fourier Series	<b>03</b>
	Mathematics Practical- I	<b>02</b>	Mathematics Practical- I	<b>02</b>
	Linear Algebra and Combinatorics	<b>03</b>	Abstract Algebra & Laplace Transforms	<b>03</b>
	Mathematics Practical- II	<b>02</b>	Mathematics Practical- II	<b>02</b>
<b>Minor</b>	Computer Programming and System Analysis- I	<b>02</b>	Computer Programming and System Analysis- II	<b>02</b>
	Mathematics Practical- II	<b>02</b>	Mathematics Practical- III	<b>02</b>
<b>Open/ General Elective (OE/GE)</b>	Topology of Metric Spaces- I	<b>02</b>	Topology of Metric Spaces- II	<b>02</b>
	Mathematics Practical- IV	<b>02</b>	Mathematics Practical- IV	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Financial & Competitive Mathematics	<b>02</b>	NA	<b>NA</b>
<b>CC/ OJT/ FP/ CEP/ RP</b>	Community Engagement and Service (CEP) / Field Project (FP)	<b>02</b>	On-the-Job Training (OJT)	<b>04</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

### Future Prospects:

B.Sc.(Mathematics) Students can pursue careers in fields like data science, finance, actuarial science, teaching, research, data analysis, operations research, or MBA or a Master's in Computer Applications

# Bachelor of Science (Computer Science) B.Sc. (CS)

Intake- 180 students

## About the Program:

The Department aims at providing quality education in Computer Science. It is the centre imparting knowledge on computer and computing and its usage in processing information. The learners give the department a dynamic character and an active culture towards Computer Science, guided by their faculty members.

## Eligibility Criteria :

A candidate for being eligible for admission to the three/four -year degree course of B.Sc. (Computer Science) must have passed the H.S.C. (Std. XII) examination in Science Stream conducted by the Maharashtra State Board of Secondary and Higher Secondary Education with Mathematics and Statistics as one of the subjects or it's equivalent.

Admission will be on merit, based on order of preference as follows:

1. Aggregate Marks at H.S.C. or equivalent
2. Aggregate Marks in Science Group (Physics, Chemistry and Mathematics)
3. Marks in Mathematics and Statistics and Physics
4. Marks in Mathematics and Statistics

Student from other University or Board of Secondary or Intermediate Education or any other Statutory examining body should refer to University Ordinance (O.111) on page. 15.

## Courses offered at First Year B.Sc.(CS) (from AC. Yr.: 2023-2024)

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Programming with Python- I	04	GUI / Web Applications using Python	04
	Computer Organization & Design	04	Operating System	04
	Database Management Systems	04	Science of Programming	04
<b>Minor</b>	Mathematical Techniques for Computer Science	02	Statistical methods and testing of Hypothesis	02
<b>Open/ General Elective (OE/ GE)</b>	Principles of Accounting & Tally (OR) English Language	02	Management Information System (OR) Organizational Behavior	02
<b>Vocational Skill Course (VSC)/ Skill Enhancement Course (SEC)</b>	Introduction to Data Science	02	Introduction to IoT	02
<b>Value Education Course (VEC)</b>	Human Values Development	02	NA	NA
<b>Indian Knowledge System (IKS)</b>	NA	NA	Indian Constitution and Culture	02
<b>Ability Enhancement Course (AEC)</b>	Professional Communication Skills	02	Green Computing	02
<b>TOTAL</b>		22		22

## Courses offered at Second Year B.Sc.(CS) (from AC. Yr.: 2024-2025)

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Theory of Computation	04	Fundamentals of Algorithm	04
	Programming in Java	04	Data Communication and Networking	04
	Data Structure using Python	04	Advance Java	04
<b>Minor</b>	.NET Technologies	02	Fundamentals of No SQL Database – Mongo DB	04
<b>Open/ General Elective (OE/ GE)</b>	Personal Finance Management (OR) Indian Economics and Business Model	02	Stock Market and Portfolio Management (OR) Data Engineering	02
<b>Vocational Skill Course (VSC)</b>	Full Stack Development using Open-Source Technology	02	NA	NA
<b>Skill Enhancement Course (SEC)</b>	NA	NA	Fundamentals of Android System using Kotlin	02
<b>Ability Enhancement Course (AEC)</b>	Conversational English, Leadership and Management	02	Modern Indian Language (Hindi – Technical Communication)	02
<b>LifeSkills/ CC/OJT/ FP/CEP/RP</b>	Lifestyle for Optimum Health & Productivity	02	Co-curricular Course (CC) - Grade based activity (NCC, NSS, Green Club)	NA
<b>TOTAL</b>		22		22



### Courses offered at Third Year B.Sc. (CS) (from AC. Yr.:2 025-2026)

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Artificial Intelligence	<b>04</b>	Wireless Sensor Networks & Mobile Communications	<b>04</b>
	Software Testing and Quality Assurance	<b>04</b>	Deep Learning	<b>04</b>
	Machine Learning	<b>04</b>	Data Science	<b>04</b>
<b>Minor</b>	Web Services	<b>04</b>	Digital Image Processing	<b>04</b>
<b>Vocational Skill Course (VSC)</b>	Virtual Reality	<b>02</b>	Cloud Computing	<b>02</b>
<b>Skill Enhancement Course (SEC)</b>	Game Programming	<b>02</b>	Ethical Hacking	<b>02</b>
<b>CC/OJT/ FP/ CEP/RP</b>	Project Implementation- I	<b>02</b>	Project Implementation- II	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

#### Future Prospects:

Students can pursue Higher Education in M.Sc. (Computer Science), M.C.A., Masters in Systems Analyst, Software programming, Network programming, Masters in Database Management. Students can work in areas of development for web games, web systems, products & Technical Analyst.

## Bachelor of Science (Information Technology) B.Sc. (IT)

Intake- 180 students

#### About the Program:

The Department of Information Technology (IT) was established in 2001-2002. It offers an education in the area of Application software development, Artificial Intelligence, Machine learning, GIS, Data Science, Embedded System and IOT. The B.Sc.-IT is structured in a school specific framework as per NEP 2020 as three and four years (Hons.) program respectively under the School of Computational Science & Technology in Thakur College of Science and Commerce. The students from the department can become a part of this revolution with careers as software engineer, Data analyst, AI experts, Robotics engineer, Scientists and Business analysts.

#### Eligibility Criteria:

A candidate for being eligible for admission to the B.Sc. (IT) course shall have passed Standard XII examination of the Maharashtra State Board of Higher Secondary Education or its equivalent with Mathematics and Statistics as one of the subjects and should have secured not less than 45% marks in aggregate for open category (in one attempt) and 40% marks aggregate in case of reserve category candidates.

#### Direct Admission to Second Year

Candidates who have passed diploma (three years after S.S.C. / H.S.C in IT/Computer Tech. / Computer Engineering/Computer Science/Electrical, Electronics and Video Engg. Allied branches/ Mechanical Engg. and Allied branches/ civil and Allied branches of Engineering) are eligible for direct admission to the Second Year of the B.Sc.(I.T.) degree course. The Diploma course should be recognized by the Board of Technical Education or any other recognized Government body with minimum marks required 45% aggregate for open category candidates and 40% aggregate for reserved category candidates and passed in one attempt.

Student from other University or Board of Secondary or Intermediate Education or any other Statutory examining body should refer to University Ordinance (O.111) on page. 15.

### Courses offered at First Year B.Sc. (IT) (from AC. Yr.: 2023-2024)

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Programming Principles with C	<b>04</b>	Object Oriented Programming with C++	<b>04</b>
	Fundamentals of Database Management Systems	<b>04</b>	Web Applications Development	<b>04</b>
	Digital Electronics	<b>04</b>	Fundamentals of Micro Processor and Microcontrollers	<b>04</b>
<b>Minor</b>	Numerical Methods	<b>02</b>	Discrete Mathematics	<b>02</b>
<b>Open/ Generic Elective (OE/ GE)</b>	A-1 Level German Language (OR) Principles of Accounting & Tally	<b>02</b>	Management Information System (OR) Organizational Behavior	<b>02</b>
<b>Vocational Skill Course (VSC) / Skill Enhancement Course (SEC)</b>	Scilab	<b>02</b>	PL/SQL	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Professional Communication Skills	<b>02</b>	Green Computing	<b>02</b>
<b>Value Education Course / Indian Knowledge System (IKS)</b>	Human Values and Life Skills	<b>02</b>	Indian Constitutions and Culture	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>



### Courses offered at Second Year B.Sc. (IT) (from AC. Yr.: 2024-2025)

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Python Programming	<b>04</b>	Core Java	<b>04</b>
	Computer Networks	<b>04</b>	Software Engineering	<b>04</b>
	Data Structures	<b>04</b>	Computer Graphics and Animation	<b>04</b>
<b>Minor</b>	Applied Mathematics	<b>02</b>	Introduction to Embedded Systems	<b>04</b>
<b>Open/General Elective (OE/ GE)</b>	Personal Finance Management (OR) Indian Economics and Business Model	<b>02</b>	Stock Market and Portfolio Management (OR) Computer Oriented Statistical Techniques	<b>02</b>
<b>Vocational Skill Course (VSC)/ Skill Enhancement Course (SEC)</b>	Operating System	<b>02</b>	Data Analysis Using R	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Conversational English, Leadership and Management	<b>02</b>	Modern Indian Language (Hindi – Technical Communication)	<b>02</b>
<b>Life Skill Course / CC/ OJT/FP/CEP/RP</b>	Physical Education, Health and Nutrition (OR) Basics of Mountaineering and Hiking	<b>02</b>	Co-curricular Course	<b>NA</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

### Courses offered at Third Year B.Sc. (IT) (from AC. Yr.: 2025-2026)

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Software Project Management	<b>04</b>	Business Intelligence and Data Analytics	<b>04</b>
	Advanced Java Techniques	<b>04</b>	Information Security	<b>04</b>
	Internet of Things: Theory and Practice	<b>04</b>	Software Testing and Quality Assurance	<b>04</b>
<b>Minor (Elective)</b>	Artificial Intelligence and Applications (OR) Linux Server Administration	<b>02</b>	Fundamentals of GIS (OR) IT Infrastructure Management	<b>04</b>
<b>Vocational Skill Course (VSC)</b>	Advanced Web Development	<b>02</b>	Enterprise Network Design	<b>02</b>
<b>Skill Enhancement Course (SEC)</b>	Android Programming	<b>02</b>	Advanced Mobile Programming	<b>02</b>
<b>Research Project (RP)</b>	Project Dissertation- Stage- I	<b>02</b>	Project Dissertation- Stage- II	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

#### Future Prospects:

Students can do pursue Higher Education in M.Sc. (I.T), MCA, MBA, Majority of Students are getting Campus Placement in Reputed Software Industry like Infosys, TCS, L & T Infotech, J P Morgan, Deloitte Solutions Wipro Tech & many more. Student can also transfer their credit and study with Rider University, USA, University of Frazer Valley – Canada and University of Canberra – Australia & complete their Integrated Degree.

# Bachelor of Science (Biotechnology)

## B.Sc.(Biotech)

Intake- 70 students

### About the Program:

B.Sc. (Biotechnology) involves an in-depth study of biological processes and genetic manipulations meant for applications in diverse fields such as genetic engineering, industrial production of antibiotics, hormones, vaccines for medical use and other products for various purposes.

### Eligibility Criteria:

A candidate for being eligible for admission to the three-year integrated course leading to the B.Sc. (Biotechnology) degree course must have passed the H.S.C. (Std. XII) examination in Science conducted by the Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent in Science stream.

### Admission will be on merit, based on order of preference as follows:

1. Aggregate marks at H.S.C. or equivalent
2. Aggregate Marks in Science Group ( Marks in Biology, Chemistry and Physics)
3. Marks in Biology

A candidate who has not offered Mathematics and Statistics as one of the subjects at H.S.C. (Std.XII) shall have to satisfactorily complete a course on Mathematics and Statistics (of 15 hours duration) during the academic year of First year B.Sc. in which he/she is admitted.

Student from other University or Board of Secondary or Intermediate Education or any other Statutory examining body should refer to University Ordinance (O.111) on page. 15.

### Courses offered at Second Year B.Sc. (Biotechnology) (from AC. Yr. :2023-2024)

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
Major	Fundamentals of Biotechnology- I	04	Fundamentals of Biotechnology- II	04
	Microbiology- I	04	Microbiology- II	04
	Biochemistry- I	04	Bioanalytical chemistry	04
Minor	Cell Biology	02	Fundamental of Genetics	02
Open/ General Elective (OE/ GE)	Basics of Banking & Finance- I (OR) Basics of Economics- I	02	Basics of Banking & Finance- II (OR) Basics of Economics- II	02
Vocational Skill Course (VSC)	Introduction to Computers & Biostatistics	02	Bio-Instrumentation	02
Indian Knowledge System (IKS)/ Value Education Course (VEC)	Environmental Science	02	Introduction to Ayurveda and Traditional Biotechnology	02
Ability Enhancement Course (AEC)	English- I (Effective Communication Skills – I)	02	English- II (Effective Communication Skills- II)	02
TOTAL		22		22

### Courses offered at Second Year B.Sc. (Biotechnology) (From AC.Yr.:2024-2025)

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
Major	Immunology & Immunotechnology	04	Medical Microbiology	04
	Bioprocess Technology	04	Molecular Diagnostics	04
	Molecular Biology	04	Biochemistry- II	04
Minor	Applied Chemistry- I	02	Applied Chemistry- II	02
Open/General Elective (OE/ GE)	Principles of Management (OR) Financial Literacy	02	Entrepreneurship Development & IPR (OR) Digital Marketing	02
Vocational Skill Course (VSC)	Bioinformatics	02	Data Management and Presentation Skills	02
Skill Enhancement Course (SEC)	NA	NA	Genetics & Genetic Counselling	02
VEC/LS	Sustainable Development through Waste Management	02	NA	NA
Ability Enhancement Course (AEC)	Language- I: Hindi- I	02	Language-II: Hindi- II	02
CC/OJT/FP/CEP/ RP	NA	NA	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	-
TOTAL		22		22

## Courses offered at Third Year B.Sc. (Biotechnology) (From AC.Yr.:2025-2026)

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Cell & Cancer Biology	<b>04</b>	Biochemistry	<b>04</b>
	Medical Biotechnology	<b>04</b>	Industrial Biotechnology	<b>04</b>
	Genetic Engineering Tools & Techniques	<b>04</b>	Principles of Pharmacology & Neurobiology	<b>04</b>
<b>Minor</b>	Applied Biotechnology- I	<b>02</b>	Applied Biotechnology- II	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Tissue Culture Technology & Biosafety	<b>04</b>	Food & Agriculture Biotechnology	<b>04</b>
<b>Skill Enhancement Course (SEC)</b>	Bioanalytical Instruments	<b>02</b>	Biostatistics & Computational Tools	<b>02</b>
<b>CC/OJT/FP/CEP/ RP</b>	Internship/ Project/ OJT	<b>02</b>	Internship/ Project/ OJT	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

### Future Prospects:

Degree. Students can pursue M.Sc. (Biotechnology / any specialized branch of Biotech), M.B.A.(Biotechnology), M.Sc. or Post Graduation Diploma Course in Clinical Research, Post-Graduation Diploma in Medical Lab Technology, M.Sc. Biochemistry, M.Sc. Herbal Sciences, M.Sc. Environmental Sciences, M.Sc. Plant Biotechnology, M.Sc. Animal Biotechnology and so on.

## Bachelor of Science (Aviation)/ Bachelor of Aviation Science

**Intake- 60 students**

### Eligibility Criteria:

A Candidate for being eligible for admission to B.Sc. (Aviation) must have passed the Higher Secondary School Certificate (Standard XII) Examination conducted by the Maharashtra State Board of Secondary Education, Pune or examination of any other Government recognized board as equivalent thereto, with the subjects English, Physics and Mathematics

OR

A Candidate who has passed post SSC Three-year Engineering / Technology / diploma course with Mathematics and Physics

OR

A candidate who has passed post HSC diploma (one year after XII standard) of Maharashtra Board of Technical education or AICTE approved or any

other recognized government body in information technology / Computer Technology / Computer Engineering / Computer Science / Electrical, Electronics and Video Engineering and allied branches / Mechanical and allied branches / Chemical and allied branches / Civil and allied branches.

O.6147 : Eligibility Criteria for Direct Admission to Second year B.Sc. (Aviation) :

“A Learner with Indian CPL and / or Indian ATPL awarded by DGCA, India, will be eligible for direct admission to the second year of B.Sc. (Aviation) Course”

Students from other University or Board of Secondary or Intermediate Education or any Statutory examination body should refer to University Ordinance (O.111) on page. 15.

As per University of Mumbai Circular No. Exam/Result/327/2021 dated 23rd September, 2021, Learners not completing Flying Practical will be awarded with **Bachelor of Aviation Science Degree**. Learners completing Flying Practical will be awarded the **Bachelor of Science (Aviation) Degree**.

## Courses offered at First Year B.Sc. (Aviation) (from AC. Yr. :2023-2024)

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Air Navigation	<b>03</b>	Air Navigation	<b>03</b>
	Air Regulation	<b>03</b>	Air Regulation	<b>03</b>
<b>Minor</b>	Ground Studies for Pilots – Meteorology	<b>02</b>	NA	<b>NA</b>
<b>Open/General Elective (OE/ GE)</b>	Instrumentation Aircraft General Knowledge	<b>02</b>	Meteorology	<b>02</b>
	History of Aviation	<b>02</b>	Aviation Travel Tourism	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Flying	<b>04</b>	Flying	<b>04</b>
<b>Skill Enhancement Course (SEC)</b>	Environmental Education	<b>02</b>	Electrics Aircraft General Knowledge	<b>02</b>
<b>Indian Knowledge System (IKS)</b>	NA	<b>NA</b>	Vimana Shastra	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Business Communication- I	<b>02</b>	Business Communication- II	<b>02</b>
<b>CC/OJT/FP/CEP/RP</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>



## Courses offered at Second Year B.Sc. (Aviation) (from AC. Yr.:2024-2025)

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Air Navigation	04	Air Navigation	04
	Air Regulation	04	Air Regulation	04
<b>Minor</b>	Metrology	02	Metrology	02
	Air craft & Engine	02	Aircraft & Engine	02
<b>Open/General Elective (OE/ GE)</b>	Introduction to Air Traffic Control	02	Fundamentals of Logistics	02
<b>Vocational Skill Course (VSC)</b>	Flying	02	Flying - Solo/ Cross Country	02
<b>Ability Enhancement Course (AEC)</b>	Hindi I	02	Hindi II	02
<b>CC/OJT/FP/CEP/RP</b>	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	02	Co-curricular Course (CC) - To be selected from the Basket of Courses (Page No. 14)	02
	Field Project (FP)	02	CEP - Constitution of India	02
<b>Total</b>		22		22

## Courses offered at Third Year B.Sc. (Aviation) (from AC. Yr.:2025-2026)

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Air Navigation	04	Air Navigation	04
	Air Regulation	04	Air Regulation	04
<b>DSC</b>	Aircraft Performance Stability	04	Remotely Pilot Aircraft System	04
<b>Minor</b>	Metrology	02	Metrology	03
	Aircraft and Engine	02	Aircraft and Engine	03
<b>Vocational Skill Course (VSC)</b>	Flying	04	NA	NA
<b>CC/OJT/FP/CEP/ RP</b>	Field Project	02	On-the-Job Training (OJT)	04
<b>Total</b>		22		22

## Bachelor of Science (Data Science) B.Sc. (DS)

Intake- 120 students

### About the Program:

The Department aims at providing quality education in Data Science. It is the centre imparting knowledge on AI/ ML & Analytics and its usage in data visualisation. The learners give the department a dynamic character and an active culture towards Computer Science, guided by their faculty members.

### Eligibility Criteria:

A candidate for being eligible for admission to the degree course in Bachelor of Science – Data Science, shall have passed XII Std. Examination of the Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent with Mathematics as one of the subject and should have secured not less than 45% marks in aggregate for open category and 40% marks in aggregate in case of reserved category candidates.

### AND

Candidates who have passed Diploma in Computer Engineering / Computer Science / Computer Technology / Information Technology / Electrical, Electronics & Video Engineering and Allied Branches/ Mechanical and Allied branches, Civil and Allied branches of Engineering after S.S.C. (Xth standard) are eligible for direct admission to the Second Year of the B.Sc. (D.S.) degree course. However, the Diploma should be recognized by the Maharashtra State Board of Technical Education or any other recognized Government body. Minimum marks required 45% aggregate for open category candidates and 40% aggregate for reserved category candidates.

### OR

Students with post HSC - Diploma in Computer Engineering / Computer Science / Computer Technology / Information Technology and Allied Branches will be eligible for direct admission to the Second Year of B.Sc. (D.S.) However, the Diploma should be recognized by the Maharashtra State Board of Technical Education or any other recognized Government body.

Students from other University or Board of Secondary or Intermediate Education or any Statutory examination body should refer to University Ordinance (O.111) on page. 15.

### Courses offered at First Year B.Sc.(DS) (from AC. Yr.: 2023-2024)

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Introduction to Data Science	<b>04</b>	Python Programming	<b>04</b>
	Programming Logic Development	<b>04</b>	Database Management System	<b>04</b>
	Fundamentals of Operating System	<b>04</b>	OOP with C++	<b>04</b>
<b>Minor</b>	Linear Algebra and Basic of Calculus	<b>02</b>	Probability and Statistics	<b>02</b>
<b>Open/ Generic Elective (OE/ GE)</b>	Management Information System (OR) Organizational Behaviour	<b>02</b>	A-1 Level German Language (OR) Principles of Accounting & Tally	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Web Programming	<b>02</b>	Fundamentals of Networking	<b>02</b>
<b>Skill Enhancement Course (SEC)</b>	Human Values and Life Skills	<b>02</b>	NA	<b>NA</b>
<b>Ability Enhancement Course (AEC)</b>	Communication Skills in English	<b>02</b>	Business Ethics and Environment Science	<b>02</b>
<b>Indian Knowledge System (IKS)</b>	NA	<b>NA</b>	Indian Constitution and Culture	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

### Courses offered: Second Year B.Sc. (DS) (from AC. Yr.: 2024-2025)

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Advance R Programming	<b>04</b>	Statistical Simulation and Multivariate Analysis	<b>04</b>
	Sampling & Descriptive Statistics	<b>04</b>	Ad. Python Programming	<b>04</b>
	Data Structure & Algorithms	<b>04</b>	Data Warehousing & Mining	<b>04</b>
<b>Minor</b>	Advance SQL	<b>02</b>	Agile Software Engineering	<b>04</b>
<b>Open/General Elective (OE/GE)</b>	Indian Economics and Business Model (OR) Personal Finance Management	<b>02</b>	Technical Communication and Content Writing (OR) Stock Market & Portfolio Management	<b>02</b>
<b>Vocational Skill Course (VSC) / Skill Enhancement Course (SEC)</b>	SQL Lab	<b>02</b>	Java Programming	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Conversational English, Leadership & Management	<b>02</b>	Modern Indian Language (Hindi - Technical Communication)	<b>02</b>
<b>EVLSC</b>	Physical Education, Health & Nutrition (OR) Basics of Mountaineering & Hiking	<b>02</b>	Co-curricular Course (CC) - Grade based activity (NCC, NSS, Yoga, Green Club)	<b>NA</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

### Courses offered at Third Year B.Sc. (DS) (from AC. Yr.: 2025-2026)

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Big Data Analytics using Hadoop	<b>04</b>	Machine Learning	<b>04</b>
	Software Project Management	<b>04</b>	Cloud Computing	<b>04</b>
	Data Visualization & Data Preparation	<b>04</b>	Enterprise JAVA	<b>04</b>
<b>Minor</b>	Artificial Intelligence	<b>04</b>	Business Intelligence using Tableau	<b>04</b>
<b>Vocational Skill Course/ Skill Enhancement Course</b>	Innovation and Entrepreneurship Development	<b>04</b>	Knowledge Management	<b>02</b>
			IT-Software Management	<b>02</b>
<b>CC/OJT/FP/CEP/RP</b>	Project Dissertation Stage- II	<b>02</b>	Project Dissertation Stage- II	<b>02</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

#### Future Prospects:

Students have a choice to complete 3-Year Undergraduate Degree with 2-Year Masters Degree or 4-Year Undergraduate Honours Degree with 1-Year Masters Degree. After completing B.Sc. (DS) student can go for jobs in top companies through campus placement or walkin. Also they can go higher studies such as MBA, MCA, M.Sc IT & outside universities as well.





# Bachelor of Science (Actuarial Science)

## B.Sc.(AS)

Intake- 60 students

### About the Program:

This course deals with evaluating risks and maintaining the economic stability of insurance or financial organisations. Students learn about insurance risk calculation, insurance premiums, application of economic and mathematical analyses for making any decision in financial planning, insurance investment, and management among all the others.

### Eligibility Criteria:

A candidate for being eligible for admission to the Three/Four Year Degree Program leading to the Bachelor of Science (Actuarial Science) must have passed the Higher Secondary School Certificate (Std. XII) Examination conducted by the different divisional boards of the Maharashtra State Board of Secondary and Higher Secondary Education with minimum 50% aggregate marks (in one attempt) or equivalent in any Stream. OR Must have passed the Higher Secondary School Certificate (Std. XII) Examination with vocational subjects/minimum competency based vocational course conducted by the different divisional boards of the Maharashtra State Board of Secondary and Higher Secondary Education with minimum 50% aggregate marks (in one attempt) or equivalent in any Stream. OR Must have passed an Examination of another University or Body recognized as equivalent to Higher Secondary School Certificate (Std. XII) Examination Student from other University or Board of Secondary or Intermediate Education or any other Statutory examining body ,with minimum 50% aggregate marks (in one attempt). **The candidate should compulsorily have Mathematics as a subject component in 12<sup>th</sup> Examination.** Student from other University or Board of Secondary or Intermediate Education or any other Statutory examining body should refer to University Ordinance (O.111) on page. 15.

### Courses offered at First Year B.Sc.(AS) (From AC. Yr. :2023-2024)

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
Major	Actuarial Mathematics- I	03	Actuarial Finance- I	03
	Actuarial Mathematics- II	03	Actuarial Finance- II	03
	Actuarial Statistics-I and Practical using R	(3+1)	Actuarial Statistics- II and Practical using R	(3+1)
Minor	Descriptive Statistics and Data Analysis	03	Regression Theory and its Application	03
Open/General Elective	Basics of R-Programming (OR) Advanced MS-Excel (Practical Course)	03	Application of R-Programming (OR) Application of MS-Excel (Practical Course)	03
Vocational Skill Course	Corporate Governance and Organisation	02	Bayesian Statistics	02
Ability Enhancement Course	Business English Communication- I	02	Business English Communication- II	02
Indian Knowledge System (IKS)	Indian Knowledge System	02	NA	NA
CC/OJT/FP/CEP/RP	NA	NA	Project Appraisal	02
Total		22		22

### Courses offered at Second Year B.Sc.(AS) (from AC. Yr.:2024-2025)

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
Major	Actuarial Statistics- III and Practical using R	(3+1)	Pricing and Reserving and Practical using Excel	(3+1)
	Stochastic Processes and Practical using R	(3+1)	Economic Theory and Measure of Investment Risks and Practical using Excel	(3+1)
	Actuarial Mathematics- III	03	Survival Models	03
Minor	Theory of Interest Rates	02	Time Series	02
Open/General Elective	Advanced MS Excel (OR) Basics of R Programming (Practical Course)	03	Applications of MS Excel (OR) Advanced R Programming (Practical Course)	03
Vocational Skill Course	Machine Learning for Actuarial Statistics	02	NA	NA
Skill Enhancement Course	Documentation and Reporting	02	NA	NA
Indian Knowledge System	NA	NA	Indian Culture and Languages	02
Ability Enhancement Course	Hindi- I	02	Hindi- II	02
CC/OJT/FP/CEP/RP	NA	NA	Research Project Work	02
Total		22		22

## Courses offered at Third Year B.Sc. (AS) (from AC. Yr.:2025-2026)

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Asset Valuation and Practical	<b>04</b>	Term Structure of Interest Rates	<b>04</b>
	Option Theory and Practical Using Excel	<b>04</b>	Liability Valuations and Practical Using Excel	<b>04</b>
<b>Minor</b>	Actuarial Economics- I	<b>04</b>	Actuarial Economics- II	<b>04</b>
<b>Open/General Elective</b>	Health and Care (OR) General Insurance	<b>04</b>	Life Insurance (OR) Employee Benefit and Pension	<b>04</b>
<b>Vocational Skill Course</b>	Basics of Python	<b>04</b>	Advance Python	<b>04</b>
<b>CC/OJT/FP/CEP/RP</b>	Project Work/ Internship	<b>02</b>	Project Work/ Internship	<b>02</b>
<b>Total</b>		<b>22</b>		<b>22</b>

### Future Prospects :

Students can pursue M.Sc. in Actuarial Science, PG Diploma in Actuarial Science, PG Diploma in Insurance and Risk Management, Diploma in Insurance and Financial Services

## Bachelor of Science (Animation & VFX) B.Sc.(AVFX)

Intake- 120 students

### About the Program:

Department of Animation & VFX, the pioneer in career-ready formal higher education, works closely for Academia and Industry to design and deliver curriculum that is relevant to Industries' needs. Innovative and employability-based curriculum is the highlight of this unique program enabling the students to get the right launchpad for their exciting career ahead.

### Eligibility Criteria:

A candidate for being eligible for admission to the Three-Year/Four-Year Degree Course leading to the degree of B.Sc. (Animation & VFX) must have passed the Higher Secondary School Certificate (Std. XII) Examination conducted by the different divisional boards of the Maharashtra State Board of Secondary and Higher Secondary Education from any stream OR Must have passed the Higher Secondary School Certificate (Std. XII) Examination with vocational subjects/ minimum competency based vocational course conducted by the different divisional boards of the Maharashtra State Board of Secondary and Higher Secondary Education OR Must have passed an Examination of another University or Body recognized as equivalent to Higher Secondary School Certificate (Std.XII) Examination. Student from other University or Board of Secondary or Intermediate Education or any other Statutory examining body should refer to University Ordinance (O.111) on page. 15.

## Courses offered at First Year B.Sc.(AVFX) (from AC. Yr.: 2023-2024)

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Foundation Art- I	<b>04</b>	Character Design	<b>04</b>
	2D Classical Animation	<b>04</b>	2D Digital Animation	<b>04</b>
	Digital Art- I	<b>04</b>	3D Modelling	<b>04</b>
<b>Minor</b>	Clay Modeling	<b>02</b>	Video Editing	<b>02</b>
<b>Open/General Elective</b>	Cartoon Charcter	<b>02</b>	Advance Foundation Art	<b>02</b>
<b>Vocational Skill Course</b>	Outdoor Sketching	<b>02</b>	Classical Animation	<b>02</b>
<b>Indian Knowledge System</b>	Life Skills (Artisitic Life)	<b>02</b>	Indian Tribal and Folk Art	<b>02</b>
<b>Ability Enhancement Course</b>	Language- I (English- I)	<b>02</b>	Language- II (Enlish- II)	<b>02</b>
<b>Total</b>		<b>22</b>		<b>22</b>

### Courses offered at Second Year B.Sc.(AVFX) (from AC. Yr.: 2024-2025)

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Photography	<b>04</b>	Rigging	<b>04</b>
	Digital Art- II	<b>04</b>	Advanced 3D Animation	<b>04</b>
	3D Modeling, Texturing and Rendering	<b>04</b>	Digital Sculpting	<b>04</b>
<b>Minor</b>	3D Digital Principles	<b>04</b>	Match-Moving	<b>04</b>
<b>Open/General Elective</b>	Advanced 2D Digital Animation	<b>02</b>	Motion Graphics	<b>02</b>
<b>Vocational Skill Course</b>	Advanced Character Design	<b>02</b>	Storyboard Design	<b>02</b>
<b>Ability Enhancement Course</b>	Language- I (Hindi-I)	<b>02</b>	Language- II (Hindi- II)	<b>02</b>
<b>Total</b>		<b>22</b>		<b>22</b>

### Courses offered at Third Year B.Sc.(AVFX) (from AC. Yr.: 2024-2025)

SEM. LEVEL 5.5	SEMESTER V		SEMESTER VI	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Subject-I</b>	Houdini Foundation	<b>04</b>	VFX Composting	<b>04</b>
	3D Quadruped Animation	<b>04</b>		
<b>Subject-II</b>	Unreal Engine	<b>04</b>	Houdini Pyro Fx	<b>04</b>
	Environment Modeling & Sculpting	<b>04</b>		
<b>Subject-III</b>	Rigging	<b>04</b>	Game Asset Design	<b>04</b>
	Lighting & Shading	<b>02</b>		
<b>Vocational Skill Course</b>	NA	<b>NA</b>	Look Dev	<b>02</b>
<b>Internship/ Regional Case Studies (RSC)/ Research Project</b>	NA	<b>NA</b>	Internship/ Show reel	<b>08</b>
<b>Total</b>		<b>22</b>		<b>22</b>

#### Future Prospects:

Students can pursue Higher Education in: Master of Animation (Advanced Animation), / Master of VFX (Advanced VFX), Diploma Course in Advanced Animation / Advanced VFX

# Bachelor of Science (Artificial Intelligence and Machine Learning)

## B.Sc. (AI & ML)

Intake- 60 students

### About the Program:

The B.Sc.in Artificial Intelligence and Machine Learning programme has been introduced from Academic Year 2024-25 with an aim to make the students employable and impart industry oriented training. Artificial Intelligence and machine Learning (AI&ML) is a new, emerging field which consists of a set of tools and techniques used to extract useful information from data. AI&ML is a fast growing discipline and is full of rigorous practical analysis. The demand for undergraduates in AI and ML has industry required skills and demand in the Global market over the last few years. Artificial Intelligence and Machine Learning is also in line demand with computer science. Machine learning is an established research discipline. However, recent advances have increased the impact on many areas of society, science, medicine, and everyday life. AI with ML is in demand in the robotics applications, space technology, industry4.0 and many more. AI and ML delivers modern computational systems that demonstrate capabilities of perception, reasoning, learning and action that are typical of human intelligence.

### Eligibility Criteria:

A candidate for being eligible for admission to the BSc in Artificial Intelligence and Machine Learning course shall have passed Standard XII examination of the Maharashtra State Board of Higher Secondary Education or its equivalent with Mathematics and Statistics as one of the subjects and should have secured not less than 45% marks in aggregate for open category (in one attempt) and 40% marks aggregate in case of reserve category candidates. Students from other University or Board of Secondary or Intermediate Education or any Statutory examination body should refer to University Ordinance (O.111) on page. 15.

### Courses offered at First Year B.Sc. (AI & ML) (from AC. Yr.: 2024-2025)

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Problem Solving with C	<b>04</b>	Python Programming	<b>04</b>
	Fundamentals of Database Management Systems	<b>04</b>	Web Applications Development	<b>04</b>
	Introduction to Data Science	<b>04</b>	Data Structure and Algorithms	<b>04</b>
<b>Minor</b>	Logic and Discrete Mathematics	<b>02</b>	Linear Algebra and Multivariable Calculus	<b>02</b>
<b>Open/General Elective (OE/GE)</b>	A-1 Level German Language (OR) Principles of Accounting & Tally	<b>02</b>	Quantum Computing (OR) Organizational Behavior	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Scilab	<b>02</b>	PL/SQL	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Professional Communication Skills	<b>02</b>	Green Computing	<b>02</b>
<b>Value Education Course (VEC)</b>	Human Values and Life Skills	<b>02</b>	NA	NA
<b>Indian Knowledge System (IKS)</b>	NA	NA	Indian Constitution and Culture	<b>02</b>
<b>Total</b>		<b>22</b>		<b>22</b>

### Courses offered at Second Year B.Sc. (AI & ML) (from AC. Yr.: 2025-2026)

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Basics of Artificial Intelligence	<b>04</b>	Machine Learning: Principles and Practices	<b>04</b>
	Advanced Python Programming	<b>04</b>	OOPS Concept and Programming in Java	<b>04</b>
	Agile Software Engineering	<b>04</b>	Computer Networks	<b>04</b>
<b>Minor</b>	Applied Mathematics	<b>02</b>	Probability and Statistics	<b>04</b>
<b>Open/General Elective (OE/GE)</b>	Personal Finance Management (OR) Indian Economics and Business Model	<b>02</b>	Quantum Computing (OR) Organizational Behavior	<b>02</b>
<b>Vocational Skill Course (VSC)</b>	Operating System	<b>02</b>	Software Project Development	<b>02</b>
<b>Ability Enhancement Course (AEC)</b>	Conversational English, Leadership Management	<b>02</b>	Modern Indian Language (Hindi- Technical Communication)	<b>02</b>
<b>EVLSC (Life Skill Course)</b>	Physical Education, Health and Nutrition (OR) Basics of Mountaineering and Hiking	<b>02</b>	NA	NA
<b>Co-Curricular Course (CC)</b>	NA	NA	Co-Curricular Course (CC)- Non Credit Grade Based (NSS, NCC, Yoga, Green Club etc)	<b>00</b>
<b>Total</b>		<b>22</b>		<b>22</b>



# Bachelor of Science (Interior Design)

## B.Sc. (ID)

Intake- 120 students

### About the Program:

B.Sc. in Interior Design is a program that will help students to analyze and interpret market trends in the interior design industry, including the growing demand for curated interiors and unique designs. They will gain deep understanding of interior design principles, materials, spatial planning, color theory, and lighting techniques applicable to various types of spaces. Students will develop strong communication skills to effectively convey design concepts, negotiate with clients and stakeholders, and collaborate with interdisciplinary teams.

### Eligibility Criteria:

The candidates must have successfully completed a two-year Pre-University examination, H.S.C. (Std. XII), IB DP, IBCP, or an equivalent qualification from the Maharashtra State Board of Higher Secondary Education or an examination recognized as equivalent thereto. Applicants from other universities, secondary or intermediate education boards, or any other recognized examining body should consult the university ordinance for specific requirements. Lateral entry is available for those who have pursued similar or related programs from any board, subject to meeting the eligibility criteria. Students from other University or Board of Secondary or Intermediate Education or any Statutory examination body should refer to University Ordinance (O.111) on page. 15.

### Courses offered at First Year B.Sc. (ID) (from AC. Yr.: 2024-25)

SEM. LEVEL 4.5	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
Major	Practical of Fundamentals Design- 2D	02	Practical of Basics of Design- 3D	02
	Residential Interior Design	04	Interior Design of Villa & Bungalow	04
Minor	NA	NA	Humanities for Designers	02
Open/ General Elective (OE/GE)	Basics of Graphic & Freehand Sketching- I (OR) World Cultures- I	02	Advance Methods of Graphics & Free Hand Sketching- I (OR) Indian Economy	02
	Basics of Graphic & Freehand Sketching- II (OR) World Cultures- II	02	Advance Methods of Graphics & Free Hand Sketching- II (OR) India Socio Political Economics System & Current Affairs	02
Vocational Skill Course (VSC)	History of Design- Ancient Civilization	02	History of Design- Trends & Movements	02
Skill Enhancement Course (SEC)	Basics of Material Selection	02	Basics of Construction	02
Indian Knowledge System (IKS)	Indian Knowledge System	02	NA	NA
Value Education Course (VEC)	Environmental Education	02	Constitution of India & Human Rights	02
Ability Enhancement Course (AEC)	Functional English- I	02	Functional English- II	02
Co-curricular Courses (CC)	Workshop - Model Making & Visual Studies- I	02	Workshop - Model Making & Visual Studies- II	02
Total		22		22

### Courses offered at Second Year B.Sc. (ID) (from AC. Yr.: 2025-26)

SEM. LEVEL 5.0	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
Major	Interior Design for Retail	04	Interior Design for Commercial Space	04
	Technical Drawing for Villa & Bungalow	04	Technical Drawing of Retail Space	04
Minor	Technical Services for Villa & Bungalow	04	Construction Material & Methods for Ceiling & Floor	04
Open/ General Elective (OE/GE)	The Art of Building Construction & Material (OR) Quantitative Techniques- I	02	Basics of Plumbing & HVAC (OR) Quantitative Techniques- II	02
Vocational Skill Course (VSC)	Introduction to Computer Aided Design	02	NA	NA
Skill Enhancement Course (SEC)	NA	NA	Advance Computer Aided Design	02
Ability Enhancement Course (AEC)	Hindi- I	02	Hindi- II	02
CC/OJT/FP/CEP/RP	Co-Curricular Courses (CC)- Rendering & Styling	02	Co-Curricular Courses (CC)- Basic of Yoga-I/ NSS/ NCC/ Sports/ Culture	02
	Field Project (FP) - Introduction to Basic World of Interior Work Material	02	Community Engagement Program (CEP)- Green Interior- I	02
Total		22		22



# Master of Commerce (E-Commerce)

## M.Com.(E-Com)

Intake- 40 students

### About the Program:

Department of M.Com. (E-Commerce) is actively engaged in delivering course mechanisms that are successful in providing a strong theoretical and practical e-business foundation to the learners.

### Eligibility Criteria

A candidate for being eligible for admission to the Master of E-Commerce degree course shall have passed the examination for the Degree of Commerce (3 years/ 6 semesters) or the Degree of B.Com. (old course) or other programs like B.Com. (B&I), B.Com. (A&F), B.Com. (FM), B.Com. (IA), B.Com. (Digital Business), B.Com. (Entrepreneurship), B.Com. (Management Studies)/ Bachelor of Management Studies or any domaine of Science or Arts graduates of University of Mumbai or an examination of another University as equivalent thereto.

For students passing the graduation as mentioned above from other than University of Mumbai, see Ordinance (O. 111) on Page No. 15.

### Courses offered at First Year M. Com. (E-Com) (from AC. Yr. :2023-2024)

SEM. LEVEL 6.0	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
Major Mandatory	Financial Management	04	Digital Marketing	04
	Management Principles and Organisational Behaviour	04	E-Commerce	04
	Statistical Analysis	04	International Finance	04
	Computer Application in Business	02	Accounting for Managerial Decision	02
Major Electives	Marketing Management	04	Logistic and Supply Chain Management	04
Research Methodology	Research Methodology	04	NA	NA
OJTFP	NA	NA	Field Project	04
Total		22		22

### Courses offered at Second Year M. Com (E-Com) (from AC. Yr.:2024-2025)

SEM. LEVEL 6.5	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
Major Mandatory	Network Infrastructure & Payment System	04	Management Information System	04
	Database Management System	04	Legal Security and other issues in E-Commerce	04
	Web Designing	04	Advance Technology in e-commerce	04
	Data Science	02		
Major Electives	AIS	04	Strategic Management	04
OJT/FP	Internship	04	OJT/FP/RP	06
Total		22		22

### Future Prospects :

Students can pursue careers in Digital Marketing, Logistics & Supply Chain Management, Cyber Security Specialists, Cyber Law expert, Web Designing. Most of the students get placed in e-Commerce companies with an average salary of Rs. 3.5 LPA.



# Master of Commerce (Advanced Accountancy)

## M.Com. (AA)

Intake- 60 students

### About the Program:

M.Com.(Advanced Accountancy) offers specialisation in the field of Accountancy. The program makes its graduates professional in Taxation, Finance and Accounting, thus preparing them for vital administrative role in the financial sector.

### Eligibility Criteria:

A candidate for being eligible for admission to the Post Graduate Programme i.e., Master of Commerce, shall have passed the examination for the degree of Bachelor of Commerce (three years / Six Semester integrated course) or the degree B. Com. (Old Course) or the other Semester based Programs i.e. Bachelor of Commerce (Banking & Insurance) or Bachelor of Commerce (Accounting & Finance) or Bachelor of Commerce (Investment Management) or Bachelor of Commerce (Financial Markets) or Bachelor of Management Studies (B.M.S.) of this University, or an examination of any other University recognized as equivalent thereto.

For students passing the graduation as mentioned above from other than University of Mumbai, see Ordinance (O. 111) on Page No. 15.

### Courses offered at First Year M.Com. (AA) (from AC. Yr. :2023-2024)

SEM. LEVEL 6.0	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
Major Mandatory	Advanced Financial Accounting	04	Corporate Finance	04
	Advanced Cost Accounting	04	Corporate Financial Accounting	04
	Advanced Tax- I (Direct Tax- I)	04	Advanced Tax- II (Indirect Tax- I)	04
	Advanced Trends in Accounting- I	02	Advanced Trends in Accounting- II	02
Major Electives	Advanced Financial Management	04	Risk Management	04
CC/OJT/FP/CEP/RP	Research Methodology	04	On-the-Job Training (OJT)	04
Total		22		22

### Courses offered at Second Year M.Com. (AA) (from AC. Yr.:2024-2025)

SEM. LEVEL 6.5	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
Major Mandatory	Advanced Cost & Management Accounting- I	04	Advanced Cost & Management Accounting- II	04
	Advanced Tax- III (Direct Tax- II)	04	Advanced Tax- IV (Indirect Tax- II)	04
	Advanced Auditing	04	Advanced Strategic Financial Management	04
	Advanced Trends in Accounting- III	02		
Major Electives	Wealth Management	04	Indian Accounting Standards (Ind AS)	04
CC/OJT/FP/CEP/RP	Research Project in Advanced Accountancy	04	Research Project in Advanced Accountancy	06
Total		22		22

### Future Prospects :

Students can pursue careers in Masters in Finance, Ph.D. in Accountancy or Finance, NET/SET Examinations for position of Professor and various employment opportunities in Auditing, Banking and Finance, Funds management, Stock Broking

# Master of Commerce (Banking & Finance)

## M. Com. (B&F)

Intake- 60 student

### About the Program:

M.Com (B&F) offers specialisation in the field of BFSI. The programme makes graduate students professionals in Banking & Finance, preparing them for vital administrative role in the BFSI Sector.

### Eligibility Criteria:

A candidate for being eligible for admission to the Post Graduate programme i.e. Master of Commerce (MCom.), shall have passed the examination for the degree of Bachelor of Commerce (BCom.) (Three years / Six Semester integrated course) or the degree of BCom. (Old Course) , or other programmes like BCom. (Banking & Insurance), BCom. (Accounting & Finance), BCom. (Financial Markets), BCom. (Investment Management), BCom. (International Accounting) or Bachelor of Management Studies (BMS) or any domain of Science and Arts graduates of this university, or an examination of any other University as equivalent thereto.

For students passing the graduation as mentioned above from other than University of Mumbai, see Ordinance (O. 111) on Page No. 15.

### Courses offered at First Year M.Com. (B&F) (from AC. Yr. :2023-2024)

SEM. LEVEL 6.0	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major Mandatory</b>	Commercial Bank Management	04	Merchant Banking	04
	Financial Services	04	Corporate Finance	04
	Cost and Management Accounting	04	Personal Financial Planning	04
	Quantitative Aptitude	02	Operations Research	02
<b>Major Elective</b>	Taxation- I	04	Taxation- II	04
<b>CC/OJT/FP/CEP/RP</b>	Research Methodology	04	On-the-Job Training (OJT)	04
<b>Total</b>		22		22

### Courses offered at Second Year M.Com. (B&F) (from AC. Yr.:2024-2025)

SEM. LEVEL 6.5	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major Mandatory</b>	Equity and Debt Market	04	International Finance	04
	Corporate Accounting	04	Auditing of Banking and Finance Sector	04
	Treasury Management	04	Currency Derivatives	04
	Advance Excel	02		
<b>Major Elective</b>	Introduction to Fintech	04	Investment Management	04
<b>Research Project</b>	Research Project in Banking & Finance	04	Research Project in Banking & Finance	06
<b>Total</b>		22		22

### Future Prospects :

Students can pursue careers in Finance, Banking, Foreign Exchange, & various employment opportunities in BFSI Sector, Ph.D. in Banking & Finance, Professors in the field of Commerce, Management, Finance.

# Master of Arts (Entertainment, Media & Advertising)

## M.A.(EMA)

Intake- 20 students

### About the Program:

M.A. (EMA) is the program for the students who wish to build their careers in the field of Journalism, Mass Communication, Advertising, Film Production and Public Relations. The students will be able to develop and refine their skills of gathering, transmitting and delivering information to the large audience.

### Eligibility Criteria:

A graduate of any discipline is eligible for admission. For students passing the graduation as mentioned above from other than University of Mumbai see Ordinance (O. 111) on Page No. 15.

### Courses offered at First Year M.A.(EMA) (from AC. Yr. :2023-2024)

SEM. LEVEL 6.0	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major Mandatory</b>	Overview -Print, Radio, TV & Advertisement	<b>04</b>	Media Marketing	<b>04</b>
	Films-Fiction and Non-Fiction	<b>04</b>	Media Finance and Accounting	<b>04</b>
	Media Communication Theories	<b>04</b>	Media Laws, Ethics and Social Responsibility	<b>04</b>
	Business of Gaming and Animation	<b>02</b>	Entrepreneurship and Innovation	<b>02</b>
<b>Major Elective</b>	Media Management	<b>04</b>	Sports Management	<b>04</b>
<b>Research Methodology</b>	Research Methodology	<b>04</b>	Field Work	<b>04</b>
<b>Total</b>		<b>22</b>		<b>22</b>

### Courses offered at Second Year M.A.(EMA) (from AC .Yr.:2024-2025)

SEM. LEVEL 6.5	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Advertising Agency Structure & Management	<b>04</b>	Business Plan and Negotiation Skills	<b>04</b>
	Account Planning & Media Business	<b>04</b>	Media Project Management	<b>04</b>
	An Orientation to New Media Technologies	<b>04</b>	Documentary and Ad Film Making	<b>04</b>
	Film Distribution and Marketing	<b>02</b>		
<b>Research Project</b>	Research Project	<b>04</b>	Research Project	<b>06</b>
<b>Elective</b>	Television & Radio Production & Programming	<b>04</b>	Film Production & Content pipeline	<b>04</b>
<b>Total</b>		<b>22</b>		<b>22</b>

### Future Prospects:

Students can pursue Ph.D. in Journalism, Advertising and Public Relations and multiple career options in the field of anchoring, advertising, audio engineering, broadcast engineering, radio jockeying, disc jockeying, video editing, print, graphics and website designing, event planning etc.

# Master of Science (Organic/Inorganic Chemistry)

Intake- 40 students

## Eligibility Criteria:

The B.Sc. Degree Examination with Chemistry 6 units or 3 units or degree of any other university recognized as equivalent thereto. Every candidate admitted to postgraduate programmes will have to register as a postgraduate student of University of Mumbai. Students from other University or Board of Secondary or Intermediate Education or any other statutory examining body should refer to University Ordinance (O.111) on Page No. 15.

## Courses offered at First Year M.Sc. (Organic/Inorganic Chemistry) (from AC. Yr. :2023-2024)

SEM. LEVEL 6	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
Major - Mandatory	Advanced Physical Chemistry- I	03	Advanced Physical Chemistry- II	03
	Advanced Inorganic Chemistry- I	03	Advanced Inorganic Chemistry- II	03
	Advanced Organic Chemistry- I	03	Advanced Organic Chemistry- II	03
	Practical of Physical & Inorganic Chemistry	03	Practical of Physical & Inorganic Chemistry	03
	Practical of Organic Chemistry	02	Practical of Organic Chemistry	02
Major elective	Advanced Analytical Chemistry- I Practical of Analytical Chemistry	03 01	Advanced Analytical Chemistry- II Practical of Analytical Chemistry	03 01
RM	Research Methodology	04	NA	NA
OJT/FP	NA	NA	On-the-Job Training (OJT)	04
Total		22		22

## Courses offered at Second Year M.Sc.(Inorganic Chemistry)(from AC. Yr.:2024-2025)

SEM. LEVEL 6.5	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
Major - Mandatory	Chemistry of Inorganic Solids	03	Properties of Inorganic Solids	03
	Bioinorganic and Coordination Chemistry	03	Organometallics and main group Chemistry	03
	Spectral methods in Inorganic Chemistry	03	Instrumental methods in Inorganic Chemistry	03
	Practicals of Paper- I & II	03	Practicals of Paper- I & II	02
	Practical of Paper- III	02	Practical of Paper- III	01
Major elective	Applied Chemistry- I (OR) Applied Chemistry- II	03	Intellectual Property Rights (OR) Cheminformatics	03
	Practicals of Paper- IV	01	Practicals of Paper- IV	01
RP	Research Project	04	Research Project	06
Total		22		22

## Courses offered at Second Year M.Sc. (Organic Chemistry) (from AC. Yr.:2024-2025)

SEM. LEVEL 6.5	SEMESTER III		SEMESTER IV	
Course Type	Course Title	Credits	Course Title	Credits
Major - Mandatory	Theoretical Organic Chemistry- I	03	Theoretical Organic Chemistry - II	03
	Synthetic Organic Chemistry- I	03	Synthetic Organic Chemistry- II	03
	Natural product & Spectroscopy	03	Natural product & heterocyclic Chemistry	03
	Practicals of Paper- I & II	03	Practicals of Paper- I & II	02
	Practical of Paper- III	02	Practical of Paper- III	01
Major elective	Medicinal, Biogenesis and Green Chemistry (OR) Bioorganic Chemistry	03	Intellectual Property Rights (OR) Cheminformatics	03
	Practicals of Paper- IV	01	Practicals of Paper- IV	01
RP	Research Project	04	Research Project	06
Total		22		22

## Future Prospects:

Students can pursue Industrial Apprenticeship and employment opportunities in the fields of Pharmacy, Chemical Usage, Cosmetology, Industrial Chemical Manufacturing etc & Ph.D. specialization for Education or Industrial setup.





# Master of Science (Information Technology) M.Sc. (IT)

Intake- 40 students

## About the Program:

MSc in IT (Master of Science in Information Technology) is a Two year postgraduate program. This Course includes the concept and specializations in Artificial Intelligence, Data Analytics, Software Development, Image Processing, Computer Vision, Robotics Process Automation and Cloud Management.

## Eligibility Criteria :

A candidate for being eligible for admission to the M.Sc. (IT) course Student securing minimum 45% marks at the three year BSc-IT / BSc Data Science/ BSc Computer Science or any allied branches of computer Science degree course of Mumbai University or any other recognized university.

## OR

BCA with minimum 45% marks.

Candidates who have passed B.E in IT/Computer Engineering /Electronics & Telecomm or any allied branches of Information Technology or computer engineering 4-year degree course with minimum 45% marks are eligible for direct admission to the Second Year of the M.Sc.(I.T.) degree course.

## Courses offered at First Year M.Sc. (IT) (from AC. Yr. :2023-2024)

Sem. Level 6.0	SEMESTER I		SEMESTER II	
Course Type	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Data Science	<b>06</b>	Big Data Analytics	<b>06</b>
	Cloud Computing	<b>06</b>	Advance Image Processing	<b>06</b>
	Image Processing	<b>02</b>	Modern Networking	<b>02</b>
<b>Open/General Elective</b>	Soft Computing Techniques (OR) Remote Sensing	<b>04</b>	Micro Services Architecture (OR) Advance Python Programming	<b>04</b>
<b>CC/OJT/FP/CEP/RP</b>	Research in Computing	<b>04</b>	Internship/Field Project	<b>04</b>
<b>Total</b>		<b>22</b>		<b>22</b>

## Courses offered at Second Year M.Sc. (IT) (from AC. Yr.:2024-2025)

Sem. Level 6.5	SEMESTER III		SEMESTER IV	
Course Type	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major</b>	Machine Learning	<b>06</b>	Natural Language Processing	<b>06</b>
	Applied Artificial Intelligence	<b>06</b>	Deep Learning	<b>06</b>
	Technical Writing and Entrepreneurship Development	<b>02</b>		
<b>Open/General Elective</b>	Robotic Process Automation (OR) Data Analytics using Advance R Programming	<b>04</b>	Blockchain (OR) Human Computer Interaction	<b>04</b>
<b>CC/OJT/FP/CEP/RP</b>	Research Based Project	<b>04</b>	Research Based Project	<b>06</b>
<b>Total</b>		<b>22</b>		<b>22</b>

## Future Prospects:

Students have the opportunity to study and develop applications in areas such as algo Algorithmic processes, Computer Security, Robotics and Computer Vision, Data Mining and Knowledge Discovery, Databases, Mobile and Embedded Systems, Intelligent Systems, Computer Games, Distributed Systems and Web Development and Computer Graphics.

# Master of Science (Computer Science)

## M.Sc. (CS)

Intake- 40 students

### About the Program:

M.Sc. in Computer Science is a two-year post-graduate programme with the objective to develop human resources with core competence in various thrust areas of Computer Science. The programme includes software engineering, system development, natural computation, mathematical foundations and artificial intelligence. Other modules include programming, data analytics, software development, applied communications, network architecture, and database design

### Eligibility Criteria:

Eligibility for the said course is B.Sc. (Computer Science, IT) / BCS / B.E. (Computer Science / IT) degree. Students from other University or Board of Secondary or Intermediate Education or any other statutory examining body should refer to University Ordinance (O.111) on Page No. 15.

### Courses offered at First Year M.Sc. (CS) (from AC. Yr. :2023-2024)

SEM. LEVEL 6.0	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
Major	Design and Analysis of Algorithms	06	Design and implementation of Modern Compilers	06
	Advanced Database Systems	06	Cyber and Information Security	06
	Artificial Intelligence and Programming Robot	02	Business Intelligence and Big Data Analysis	02
Generic Elective	Bioinformatics (OR) Machine Learning- I	04	Cloud Computing (OR) Machine Learning –II (Advanced Machine Learning)	04
Research Methodology	Research Methodology	04	NA	NA
CC/OJT/FP/CEP/RP	NA	NA	Field Project (Internship)	04
Total		22		22

### Courses offered at Second Year M.Sc. (CS) (from AC. Yr.:2024-2025)

SEM. LEVEL 6.5	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
Major	Ubiquitous Computing	06	Principles of Generative AI	06
	Blockchain Technology	06	Cloud Application Technology	06
	Cyber Forensics	02		
Generic Elective	Deep Learning (OR) Large-scale Data Analytics	04	Augmented Reality and Virtual Reality (OR) Real Time & Embedded System	04
Research Project	Research Project	04	NA	NA
CC/OJT/FP/CEP/RP	NA	NA	Field Project (Internship)	06
Total		22		22

### Future Prospects:

Students have the opportunity to study and develop applications in areas such as Algorithmic processes, Computer Security, Robotics and Computer Vision, Data Mining and Knowledge Discovery, Databases, Mobile and Embedded Systems, Intelligent Systems, Computer Games, Distributed Systems and Web Development, Computer Graphics and gaming

# Master of Science (Data Science)

## M.Sc. (DS)

Intake- 40 students

### About the Program:

The primary objective of M.Sc. (DS) is to develop skilled professional workforce to address the increasing need in the rapidly growing domain of data analytics. It provides skills in quantitative data analysis, data mining, data modelling and prediction, data storage and management.

### Eligibility Criteria :

The minimum Master in Data Science eligibility demands the students to have pursued a UG Bachelor's BSc Degree of Data Science, Physics, Mathematics, Statistics, Actuarial Science, Information Technology or Computer Science, OR BCA Degree, OR B.E/B Tech Degree in Data Science, AI/ML, Computer Engineering and Information Technology with a minimum aggregate of 45% from a recognized institute or University. The course has no age limit, so anyone who is qualified can enroll. Students from other University or Board of Secondary or Intermediate Education or any other statutory examining body should refer to University Ordinance (O.111) on Page No. 15.

### Courses offered at First Year M.Sc. (DS) (from Ac. Yr. :2023-2024)

Sem. Level 6.0	SEMESTER I		SEMESTER II	
Course Type	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
Major	Applied Data Science	06	Big Data Analytics	06
	Probability And Distribution Theory	06	Cloud Computing	06
	Internet of Things (IoT)	02	Exploratory Data Analysis.	02
Open/General Elective	Soft Computing Techniques (OR) Remote Sensing	04	Advanced Python Programming For Spatial Analytics (OR) Retail Analytics	04
CC/OJT/FP/CEP/RP	Research in Computing	04	Internship/Field Project	04
Total		22		22

### Courses offered at Second Year M.Sc. (Data Science) (from AC. Yr.:2024-2025)

Sem. Level 6.5	SEMESTER III		SEMESTER IV	
Course Type	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
Major	Applied Artificial Intelligence	06	Natural Language Processing	06
	Machine Learning & Generative Art	06	Deep Learning	06
	Data Science in Manufacturing	02		
Open/General Elective	Regression Analysis (OR) Ethics And Governance Issues in Big Data	04	SPSS Programming (OR) Data Security & Compliance	04
CC/OJT/FP/CEP/RP	Research Based Project	04	Research Based Project	06
Total		22		22

### Future Prospects:

During the M.Sc Data Science program, students are trained as valuable professionals with expert knowledge of the dynamic and continuous changes in the skills and knowledge of data science. M.Sc Data Science course helps students learn about the topics in great detail and depth. These are few career options: Data Analytics, Business Analyst., Data Analytics Manager, Data Architect, Data Administrator, Business Intelligence Manager.

# Master of Science (Zoology - Oceanography)

## M. Sc. (Zoology)

Intake- 20 students

### About the Program:

MSc Zoology is a two-year postgraduate course that typically involves advanced study and research in the field of animal biology and is designed to provide students with a deep understanding of animal behaviour, physiology, ecology, evolution, and conservation. MSc Zoology provides students with a solid foundation in animal biology and prepares them for careers in research, conservation, education, and various other fields related to oceanography, animal science and wildlife management.

### Eligibility Criteria :

A candidate who has passed B. Sc. Examination (6 Units with a single subject or 3 Units with Zoology as one of the subjects and other optional subjects viz. Chemistry / Botany / Microbiology / Biochemistry / Life sciences etc.) under at least 10+2+3 pattern securing a minimum of 50% marks in the aggregate at the external examinations will be held eligible for admission to the Master's degree Programme in respective subjects offered by him / her. Students from other University or Board of Secondary or Intermediate Education or any other statutory examining body should refer to University Ordinance (O.111) on Page No. 15.

### Courses offered at First Year M.Sc. (Zoology) (from AC. Yr. :2023-2024)

SEM. LEVEL 6	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major - Mandatory</b>	Non Chordates	<b>03</b>	Chordates- I	<b>03</b>
	Developmental Biology- I	<b>03</b>	Developmental Biology- II	<b>03</b>
	Genetics and Evolution	<b>03</b>	Biochemistry and Biotechnology	<b>03</b>
	Practical of Non Chordates & Developmental Biology- I	<b>03</b>	Practical of Chordates & Developmental Biology- II	<b>03</b>
	Practical of Genetics and Evolution	<b>02</b>	Practical of Biochemistry and Biotechnology	<b>02</b>
<b>Major elective</b>	Frontiers in Zoology	<b>03</b>	Marine Microbiology	<b>03</b>
	Practical of Frontiers in Zoology	<b>01</b>	Practical Marine Microbiology	<b>01</b>
<b>RM</b>	Research Methodology	<b>04</b>	NA	<b>NA</b>
<b>OJT/FP</b>	NA	<b>NA</b>	OJT/ FP	<b>04</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

### Courses offered at Second Year M.Sc. (Zoology) (from AC. Yr. :2024-2025)

SEM. LEVEL 6.5	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major - Mandatory</b>	Oceanography	<b>03</b>	Ecology	<b>03</b>
	Physical Oceanography	<b>03</b>	Pollution and Toxicology	<b>03</b>
	Biological Oceanography	<b>03</b>	Marine Bioactive Compounds	<b>03</b>
	Practicals of Paper- I & II	<b>03</b>	Practicals of Paper- I & II	<b>02</b>
	Practical of Paper- III	<b>02</b>	Practical of Paper- III	<b>01</b>
<b>Major elective</b>	Chemical Oceanography	<b>03</b>	Marine Biotechnology	<b>03</b>
	Practicals of Paper- IV	<b>01</b>	Practicals of Paper- IV	<b>01</b>
<b>RP</b>	Research Project	<b>04</b>	Research Project	<b>06</b>
<b>Total</b>		<b>22</b>		<b>22</b>

### Future Prospects

Students have the opportunity to pursue Ph.D. in relative specialization of zoological research and career options in Media or the Environmental Consultant and Ecosystem Management sector, Oceanographic Research, Indian Forest Services, Civil Services, Lecturership (Assisitant Professor)



# Master of Science - Botany (Molecular Biology, Cytogenetics and Biotechnology)

## M. Sc. (Botany)

Intake- 20 students

### About the Program:

MSc Botany is a 2-year PG-level course focused on the study of plants. Botany is a branch of Biology that encompasses the scientific study of plant life, including its structure, growth, reproduction, metabolism, development, diseases, genetics, ecology, distribution, and evolution.

### Eligibility Criteria:

A candidate who has passed B. Sc. Examination (6 Units with a single subject or 3 Units with Botany as one of the subjects and other optional subjects viz. Chemistry / Zoology / Microbiology / Biochemistry / Life sciences etc.) under at least 10+2+3 pattern securing a minimum of 50% marks in the aggregate at the external examinations will be held eligible for admission to the Master's degree Programme in respective subjects offered by him/her. Students from other University or Board of Secondary or Intermediate Education or any other statutory examining body should refer to University Ordinance (O.111) on Page No. 15.

### Courses offered at First Year M.Sc. (Botany) (from AC. Yr. :2023-2024)

SEM. LEVEL 6	SEMESTER I		SEMESTER II	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major Botany (Mandatory)</b>	<b>Paper- I</b> Plant Diversity Cryptogams- I	<b>03</b>	<b>Paper- I</b> Plant Diversity Cryptogams- II	<b>03</b>
	<b>Paper- II</b> Plant Diversity Spermatophyta- I	<b>03</b>	<b>Paper- II</b> Plant Diversity Spermatophyta- II	<b>03</b>
	<b>Paper- III</b> Plant Physiology	<b>03</b>	<b>Paper- III</b> Plant Physiology & Environmental Botany	<b>03</b>
	Practical of Paper- I & II	<b>03</b>	Practical of Paper- I & II	<b>03</b>
	Practical of Paper- III	<b>02</b>	Practical of Paper- III	<b>02</b>
<b>Major Elective</b>	<b>Paper IV:</b> Cytogenetics Molecular Biology & Biotechnology	<b>03</b>	<b>Paper- IV:</b> Medicinal Botany & Dietetics	<b>03</b>
	Practical Paper- IV: Cytogenetics Molecular Biology & Biotechnology	<b>01</b>	Practical Paper- IV: Medicinal Botany & Dietetics	<b>01</b>
<b>Research Methodology</b>	RM/ SWAYAM	<b>04</b>	NA	<b>NA</b>
<b>OJT / FP</b>	NA	<b>NA</b>	OJT/Field Project/ Dissertation	<b>04</b>
<b>TOTAL</b>		<b>22</b>		<b>22</b>

### Courses offered at Second Year M.Sc. (Botany) (from AC.yr.:2024-2025)

SEM. LEVEL 6.5	SEMESTER III		SEMESTER IV	
COURSE TYPE	COURSE TITLE	CREDITS	COURSE TITLE	CREDITS
<b>Major Botany (Mandatory)</b>	<b>Paper- I:</b> Cytogenetics- I	<b>03</b>	<b>Paper- I:</b> Cytogenetics- II	<b>03</b>
	<b>Paper- II</b> Molecular Biology- I	<b>03</b>	<b>Paper- II</b> Molecular Biology- II	<b>03</b>
	<b>Paper- III</b> Plant Biotechnology- I	<b>03</b>	<b>Paper- III</b> Plant Biotechnology- II	<b>03</b>
	Practical on Paper- I & II	<b>03</b>	Practical on Paper- I & II	<b>02</b>
	Practical on Paper- III	<b>02</b>	Practical on Paper- III	<b>01</b>
<b>Major Elective</b>	<b>Paper- IV:</b> Techniques & Instrumentation- I	<b>03</b>	<b>Paper- IV:</b> Techniques & Instrumentation- II	<b>03</b>
	Practical on Paper- IV	<b>01</b>	Practical on Paper- IV	<b>01</b>
<b>RP</b>	Research Project	<b>04</b>	Research Project	<b>06</b>
<b>Total</b>		<b>22</b>		<b>22</b>

### Future Prospects

Students have the opportunity to pursue Ph.D. in relative specialisation, NET/ SET Examinations and careers in Plant Taxonomy, Ethnobotany, Plant Pathology, Palaeobotany, Cytology, Genetics, Biochemistry, Biotechnology, Ecology and Horticulture



## **New Programs (Proposed):**

### **B.Sc. (Clinical Research, Data Analytics & Health Care Sciences)**

---

*Intake- 60*

Eligibility: 10+2 passed in any stream (Arts/ Commerce/ Science) with minimum 40% marks from a recognized Board/ Entrance Examination & Personal Interview at Departmental Level.

### **M.Sc. (Clinical Research, Data Analytics & Health Care Sciences)**

---

*Intake- 20*

Eligibility: A Bachelor's of Science Degree (Life Science/ Chemical Sciences) in any relevant field and passed with minimum 40% of marks from a recognized University.

### **B.Com. (BFSI)- Bachelor of Commerce in Banking, Financial Services & Insurance Apprenticeship Embedded Degree Program**

---

*Intake- 60*

Eligibility: 10+2 passed in Commerce/ Science stream with minimum 50% marks from a recognized board.

## Ph. D. :

Intake- 23 students

TCSC is a recognised Ph.D. centre for Research, affiliated to University of Mumbai and offers Ph.D. programmes in the subjects of Chemistry, Physics and Zoology. Research is an integral part of academic progression at TCSC and has adequate infrastructure to promote doctoral programs in the Science streams.

### Eligibility:

Post-Graduation in the concerned subject with a minimum of 55%, B- Grade on a 10-point scale, passed UGC – CSIR, JRF or NET/SLET, M.Phil./ PET conducted by University of Mumbai in respective subject as per University Circular No. Exam/ Thesis/Univ/VCD/947 of 2018 dated 15th June, 2018.

Fee structure and Admission notification will be uploaded at [www.tcsc.edu.in](http://www.tcsc.edu.in) (twice a year subjected to availability of seats).

### Ph. D. Science Intake Capacity (2022-2023)

Subject	Intake Capacity	Admitted Seats	Vacant Seats
Chemistry	16	06	10
Zoology	08	07	01
Physics	04	02	02
Information Technology	04	-	-
Botany	04	-	-
Commerce & Management (Proposed)	-	-	-

## TCSC Innovation & Incubation Centre

TCSC Innovation & Incubation Centre is created for fostering innovation and entrepreneurship by supporting & promoting business ideas to start-ups and providing an ecosystem for their growth. It was started in the year 2014 as Entrepreneurship Cell -Perna with the intention of harbouring and motivating an entrepreneurial spirit among the young minds.



## **Rules and Regulations**

### **A) General Rules :**

- 1) The student shall abide by the rules and regulations enforced and those which may hereafter be made by the authorities of the college. Notices informing the enforcement of such rules are displayed on the college notice boards from time to time.
- 2) The student shall not undertake or participate or associate with any activity, inside or outside the college that may interfere with the orderly administration and smooth working of the college.
- 3) The student must carry a valid identity card (with all proper necessary entry and lamination) while in the college campus and the same must be produced whenever demanded by any member of the staff. A student without identity card may not be allowed to enter the college premises.
- 4) Students applying for certificates, testimonials, etc. and those requiring the Principal's signature on any kind of documents or application must first contact the college office respective authorities and no papers should directly be brought before the Principal for signature.
- 5) It is the responsibility of students to read the notice-boards regularly and also see the college website for important announcements made by the College office from time to time and they will not be given any concession or excuse on grounds of ignorance.

### **B) Discipline:**

- 1) No society/association/forum will be formed without the permission of the Principal. No person shall be invited to address a meeting or a society / association / forum without the permission of the Principal.
- 2) The Student must maintain silence in the classrooms, laboratories and library. They should not loiter in the corridors when the classes are being conducted. Students are expected to spend their spare time in Students' Common Room or study in the library (Reading Room) without causing any inconvenience or disturbance to other students and teachers.
- 3) Smoking, chewing gums, pan masala, spitting or any other such act are strictly prohibited in the premises of the college. Any student found indulging in any such act shall be severely punished.

- 4) Damage to college property will be recovered from the student if found guilty. Such student/s will face immediate rustication.
- 5) No student shall communicate any information or write about the matters dealing with the college administration to the Press.
- 6) Use of filthy language or misconduct and or intimidation on the part of the student is sufficient grounds/reasons for the suspension or expulsion.
- 7) Use of mobile phones in the premises of the college will not be permitted.

### **C) Use of Social Media :**

- 1) Anyone Using / Copying / Reproducing fake profile of Teachers / Principal / Management, Thakur College logo, Thakur College name is a legal offence.
- 2) Any prank message circulation on Social networking site / Messenger Service / Print Media related with Thakur College activities is a legal offence and due legal action will be taken against the person.
- 3) Without prior written permission from the authorities no one is supposed to create any confession page / any group page that bears Thakur College name and logo.
- 4) Students are advised to be cautious before posting any Comments, likes, on social networking site.

### **D) Attendance of Learners: Important Ordinance (O.6086)**

Attendance in all lectures, practicals, tutorials, tests, internal assessment and examination is compulsory. According to ordinances O.6086 overall 75% attendance and 50% attendance in each subject of the total number of days on which lectures are delivered for Term I and Term II separately is compulsory.

Ordinance, O.125: To keep terms at the college, a student must complete to the satisfaction of the Principal the course prescribed for such terms for the class to which the student belongs

### **E) Ragging:**

Students involved in ragging will be punished as per the Provisions of "UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions, 2009" (under Section 26 (I) (g) of the University Grants Commission Act 1956). Student with previous record of ragging will not be admitted.

### **Refund of College Fees: (Ordinance 0.2859)**

Sr. No	Period	Percentage of Deduction
1	Prior to commencement of academic term and instruction of the course	Rs. 500/-
2	Up-to 20 days after the commencement of academic term of the course	20% of the total amount of fees
3	From 21st day Up-to next 50 days after commencement of the academic term of the course	30% of the total amount of fees
4	From 51st day Up-to 80 days after commencement of academic term of the course or August 31st whichever is earlier	50% of the total amount of fees
5	From September 1st to September 30th	60% of the total amount of fees
6	After September 30th	No refund of fees

**Examination Rules under NEP 2020**  
**(w. e. f. Academic Year 2024 - 2025 progressively)**

- Thakur College of Science & Commerce (Empowered Autonomous) is permanently affiliated to University of Mumbai will conduct Undergraduate and Postgraduate Examinations in Science & Technology, Commerce & Management and Inter-disciplinary (Arts) Studies.
- All the information related to examination will be displayed on the exam notice boards and on College website (www.tcsc.edu.in).
- Learners will be promoted to subsequent classes based on their performance.
- The UG Degree in the Major Discipline will be awarded to learner after completion of Three Years and Securing 132 Credits and PG Degree will be awarded to learners after completion of Two Years and Securing 88 Credits.

**Choice Based Credit System Evaluation Scheme of Examinations (For UG and PG):**

The performance of the learners will be evaluated as follows:

**For Third Year UG programme**

- Internal Assessment: 25% Marks of the Overall Marks of the Course.
- Semester End Examination: 75% Marks of the Overall Marks of the Course.

**For First Year & Second Year of UG & PG programmes**

- Internal Assessment: 40% Marks of the Overall Marks of the Course.
- Semester End Examination: 60% Marks of the Overall Marks of the Course.
- Practical Courses will be evaluated at the end of Semester as per the guidelines of respective BOS.

**Credit Points:**

The semester wise Credit Points for the award of the Certificate / Diploma / Degree at undergraduate level as well as degree at the postgraduate level shall be as follows:

Programme	Semester I	Semester II	Semester III	Semester IV	Semester V	Semester VI	Total
Under Graduate	22	22	22	22	22	22	132
Post Graduate	22	22	22	22	--	--	88

**Passing Standards:**

- The passing standards of the examination, eligibility criteria, rules for gracing of the marks and provision of A.T.K.T. (Allowed to Keep Terms) will be as per the stated in the Examination Policy of the College.

**Passing Criteria:**

- To pass, learner have to score minimum 40% marks in Internal and External component separately for each course.
- For the Faculty of Science and Technology, there will be separate heads of passing for the theory and practical component.
- Grading scheme in Choice Based Credit System under NEP 2020 will be as follows:

**Grading Table**

Percentage of Marks Obtained	Grade	Grade Point	SGPA/CGPA	Performance
90.00 - 100	O	10	9.00 - 10.00	Outstanding
80.00 - < 90.00	A+	9	8.00 - < 9.00	Excellent
70.00 - < 80.00	A	8	7.00 - < 8.00	Very Good
60.00 - < 70.00	B+	7	6.00 - < 7.00	Good
55.00 - < 60.00	B	6	5.50 - < 6.00	Above Average
50.00 - < 55.00	C	5	5.00 - < 5.50	Average
40.00 - < 50.00	P	4	4.00 - < 5.00	Pass
Below 40	F	0	Below 4.00	Fail
-	-	-	Ab (Absent)	Absent

SGPA: Semester Grade Point Average

CGPA: Cumulative Grade Point Average



### **Rules for Allowed to Keep Terms (ATKT):**

#### **A. For Undergraduate Programmes**

1. A learner shall be allowed to **keep term for Semester II** irrespective of grades obtained in each course in the Semester I.
2. A learner shall be allowed to **keep term for Semester III** if,
  - a. The learner has passed each semester I and semester II  
(OR)
  - b. The learner fails in not more than 3 courses comprising of 8 credits OR 200 marks of the failed course per semester.
3. A learner shall be allowed to **keep term for Semester IV** irrespective of the grades obtained in each course of the Semester III.
4. A student shall be allowed to **keep term for Semester V** if,
  - a. The learner passes in each semester I, II, III and IV  
(OR)
  - b. The learner passes semester I and II but fails in not more than 3 courses comprising of 8 credits or 200 marks in each semester III and / or IV where the maximum total marks for the semester is 550.  
(OR)
  - c. The learner passes semester III and IV but fails in not more than 3 courses comprising of 8 credits or 200 marks in each semester I and II where the maximum total marks for the semester is 550.
5. A student shall be allowed to **keep term for Semester VI** irrespective of grades obtained in each course of Semester V.

#### **A. For Postgraduate Programmes:**

1. For Post Graduate Programmes, A student shall be allowed to keep term for Semester II, III, and IV irrespective of grades obtained in each course of Semester.

### **Ordinances and Statutes under NEP 2020:**

Under NEP 2020, the existing ordinance of **O.229** will be applicable for NSS / NCC / DLLE / Sports; for which the Learner is opted as the option other than CC mentioned in the prescribed curriculum by the respective Board of Studies.

The other ordinances viz. **O.5442A, O.5443A, O.5444A, O.5445A, O.5050A** will be as per the standards.

#### **Ordinance O.229 – A (Grace Marks):**

The Learner appearing for any examination of the College shall be eligible for award of 10 grace marks at their option, wherever necessary in addition to the marks secured in each head of passing for participation in any of the activity as follows:

- 1) Enrolled as the cadet of NCC and satisfactorily completed the Programmes as per the guidelines.
- 2) Enrolled as the candidate for NSS Programmes and completed at least 120 Hours as per the guidelines.
- 3) Enrolled as the Learner for DLLE Programmes prescribed by the College and completed at least 120 Hours as per the guidelines.
- 4) Enrolled as the Learner for Work Experience Project prescribed by the College and completed at least 240 Hours as per the guidelines.
- 5) The Learners who are the members of the Student Council constituted prescribed norms stated in the Maharashtra Open University Act 2016

#### **Ordinance O.229 – B (Grace Marks):**

The benefit of 10 grace marks under 0.229-B has been extended to: -

- 1) The students securing the first three positions in case of individual items and the first two in case of the group items of inter-Collegiate competitions in cultural activities, organized by the University and
- 2) The students participating in the inter-University / Zonal / National Cultural competitions organized by the Association of the Indian Universities, New Delhi, and such other competitions organized at the State / National / International levels.

#### **Ordinance O.5050A (Unfair Means):**

On receipt of a report regarding use of unfair means by any students at any College examination, where the examinations of any of the courses are conducted by the College, the Principal / Controller of Examination of the College, on receipt of a report regarding use of unfair means by any Learner in any such examination, including breach of any of the rules laid down by the College or by the College Authorities for proper conduct of the examination, shall have power at any time to conduct inquiry and to punish such unfair means or breach of any of the rules.





## Infrastructure

### Library

Library is the soul of any Educational Institute. A well-stocked Library spread over 1243 square mtrs area that can accommodate around 684 students. There are dedicated sections like Reading Hall, Reference Section, Stack Room and Newspaper and Magazine section. A large collection of 59,834 books that includes reference books, encyclopedias, magazines and journals on a wide range of subjects. “Gyan Sagar”, book exhibition is held for teachers and students every year.

The reading room has capacity for 684 students, Facility to plug-in the laptop on every table is available.

The College website gives direct access of the library to several databases related to online journals, company data, laws, e-books, periodicals etc. useful for studies, projects and exercises.

#### Objectives of Library

To acquire, update, maintain and provide a qualitative and quantitative collection of books, periodicals and other instructional material of electronic resources to support the academic programme and educational objectives of the college.

To include in collection various fields of knowledge as well as of career and character building.

To provide quality services to faculty and students for achieving their curricular as well as co-curricular goals, with the help of technology, but not as a substitute for personal service.

To inculcate reading habit among students and to encourage collaborative efforts among library staff and students to maximum utilization of library resources.

#### Library Services

The students can approach the counter for any purpose like Current Reading, Home Issue, Reference or getting information related to any topic of interest.

1) Computerised catalogue (OPAC) through KOHA software where one can locate for books according to author, title, publisher, accession number and classification number.

#### 2) The following material is made available from the library counter-

- Books for current reading
- Books for home issue for a week
- Question papers
- Syllabus
- Reference sources such as dictionaries, encyclopedias, year books
- Competitive Exams related books
- Books on careers



- h) Newspaper clippings on various topics useful for student's assignments and projects
  - i) Reading lists of interested books
  - j) Bibliographies on various topics
  - k) Book reviews written by students
  - l) CDs.
  - m) Journal articles Index
- 1) Home lending of books- text books and other books are issued for one week.
  - 2) Periodicals-Journals and magazines are displayed in the reading room. In case of any journal not found on display please ask at the counter. Periodicals are available for reading within the library. However, if any student wants any periodical for home issue, they should contact the person at the counter.
  - 3) Daily newspapers are kept at the counter and available for reading in library.
  - 4) Electronic Journal Databases accessible from UGC-Network Resource Centre in library and also from home.
  - 5) Reference Service- This service is especially for projects and assignments. The references are searched and digital documents delivery through email.
  - 6) Book-Bank- College has a well-organized Book Bank scheme for needy students. Application in prescribed form, available in the college library has to be submitted before the last date declared by the college. A set of prescribed text-books are given to the student for one year against a deposit amount. The same is refunded at the time of return of the set of books without damage or mutilation
  - 7) Syllabus of all Programmes – present and past years



## LABORATORIES

TCSC takes pride in its modern and well-equipped laboratories. There are 23 Computer Laboratories equipped with 860 Computers with latest configuration. The laboratories are designed to fulfill the stringent specifications laid down by the University to conduct courses like B.Sc./M.Sc.(Computer Science), B.Sc./M.Sc.(IT), M.Com. (E-Commerce) and applied component subjects like computer programming, computer system and application at B.Com. level. Computer Science and IT are also taught in Junior college as vocational subjects and optional subjects respectively. The College has Microsoft campus agreement for software being used in the laboratories. All laboratories are in LAN with structured cabling as per international norms. All computers are connected to internet. High speed broadband 100 MBPS connectivity of 24X7 throughout the year has been provided. The college also has 15 Science laboratories for Physics, Chemistry, Botany, Zoology, Electronics and Biotechnology including postgraduate Chemistry laboratories which are well equipped. 3 Research laboratories facilitate research and scientific temper among students.



## DIGITAL LIBRARY

A newly developed digital library with 30 computers of latest configuration is assigned for accessing multimedia based tutorial on technical subjects and topic of general awareness. For this purpose, a dedicated mirror server has been installed.



## INTERNET ROOM

A separate Internet room with dedicated 4MBPS leased line is available for the students and teachers to access internet for their intellectual up-gradation. Apart from this, there is one additional leased line available from MTNL & WIFI.



## PRESENTATION ROOM

A Presentation Room equipped with LCD projector & a smart board offers a good venue for the BMS, B.Com. (B&I), B.Com.(A&F), B.Com. (F&M), B. Sc (I. T.), B. Sc. (Aviation), BMM, B.Sc (C.S) & B.Sc (Biotech) students to make presentations. The room is also used for group discussion / Personal Interview and training final year students. This place is also valued for placement interactions, Company meetings.



## BOOK BANK FACILITY

College has a well-organized Book Bank scheme for needy students. Application in prescribed form, available in the college library has to be submitted before the last date declared by the college. A set of prescribed text-books are given to the student for one year against a deposit amount. The same is refunded at the time of return of the set of books without damage or mutilation.



## FIRST AID ROOM

The college has a first aid center looked after by trained nurse who provides help to the students in need of medical assistance. Doctors are made available on call in case of medical emergency.



## CANTEEN

A spacious canteen with substantial sitting facility which is managed by a professional caterer is housed in the campus. Good quality food is available to staff and students at reasonable rates. Care is also taken to maintain clean and hygienic conditions in and around canteen.



### RESEARCH & DEVELOPMENT CENTER

The college has a well equipped center of Research & Development, where students and teachers work on various industrial projects as well as individual research projects for doctoral programmes in Physical, Chemical and Biological Sciences.



### AUDITORIUM

A sprawling multipurpose hall with state of the art equipment and facilities has been provided on seventh floor in the college building. The well lit centrally air conditioned mega conference hall has a seating capacity of over 800 people. The decor, design as well as acoustic and safety features is one of its kind. This hall is being used for various conferences, seminars, cultural events and academic interactions.



### THAKUR CRICKET STADIUM

A massive ground for all kinds of sports activities is available for students. Thakur college takes pride in moulding students for National and International level sports.



### SEMINAR HALL

An air-conditioned seminar hall with a seating capacity of 350, is equipped with modern audio-visual equipment, is provided and housed on the first floor of the college building. It is an ideal place for conducting seminars, workshops and training Programmes for students and teachers. Lectures by eminent persons from industry are arranged for the benefit of students. Educational films & AV presentations on various topics of interest to students are also screened occasionally.



### THAKUR TECHNOLOGY CENTER

The college has a technology center. It conducts professional job oriented career promotional courses namely:

- 1) Master Diploma in Computing and IT Professional with personality development
- 2) Advanced Diploma in Fashion Designing
- 3) Advanced Diploma in Interior Designing
- 4) Hardware and Networking Courses After successfully completing courses, certificate is awarded.



### THAKUR FOOTBALL GROUND

A well-maintained football ground is for students. Thakur College is proud of making many football champions.



## TCSC- JURISEARCH CENTER OF EXCELLANCE

Thakur College has collaborated with Jurisearch Services (India) Pvt. Ltd to form a Centre of Excellence in 2019-20. This Student-centric initiative focuses on taking up Research Projects and innovative project ideas for societal benefit. The objective is to execute corporate clients' real time research work and facilitate adaption of sustainable solutions and technologies in sectors of software services, support and operation. TCSC Centre of Excellence promotes the Learn & Earn program among Students who be imbibe scientific temper among them to form Business solutions, organize events like conference, workshops and seminars to share research expertise on Business Development.



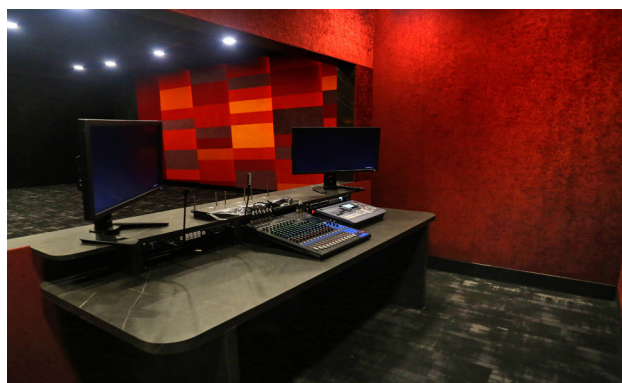
## TCSC LIFE SCIENCE LABORATORY

TCSC has created a new well-equipped Life Science Lab to enhance teaching Learning process. To meet the current challenges of practical teaching and understanding, this Lab provides the right learning ambience with right scientific setting. It aims to assist students in their independent projects, research and live projects.



## DEV PRABHAKAR SHASTRI STUDIO

The College has set up an all inclusive media studio exclusively for its BAFTNMP and BMM students. An Avant - grade infrastructure with ultramodern gadgets and all that requires for preproduction of professional film is housed here for students learning benefits. A Complete digital studio that encompasses state of the art cinema theatre with advance screen, digital cinema projector, theatre sound system, a media lab with 12 IMac desktops, a fully equipped editing room, advance softwares, dubbing and sound recording setup, three camera setup, portable green screen (Chroma), various sound recording equipments like different kinds of microphones, sound board, synchronizer, headphone and much more is available for them.



## TCSC- INNOVATION AND INCUBATION CENTRE

TCSC has recently launched a Start Up Incubation Centre to nurture innovative ideas of the young minds. It aims to promote setting up of Start Ups and support them during their pre-incubation, incorporation and operations phase to enable creation of successful businesses. Through the Incubation Centre, students gain hands on experience in innovation and entrepreneurship while being nurtured and encouraged by faculty, management and industry experts





## **Committees & Associations**

### **Internal Complaints Committee**

The College has set up ICC for redressal of sexual harassment cases, under the University Grants Commission's notification on May 2, 2016, titled Prevention, Prohibition & Redressal of Sexual Harassment of Women Employees & Students in Higher Educational Institutions. It functions with the aim to prevent sexual harassment of employees & students. Any form of sexual harassment, particularly against women is not acceptable in college premises.

### **Anti-Ragging Cell**

Ragging is strictly prohibited at Thakur College of Science and Commerce. Any student found indulging in ragging in any form, directly or indirectly, actively or passively, or being a part of conspiracy to promote ragging, within or outside the campus, would face strict disciplinary action by the College, and will be liable to be punished as per the UGC Regulations on curbing the Menace of Ragging in Higher Educational Institutions, 2009 (U/S 26(1) (g) of the UGC Act, 1956) and The Maharashtra Prohibition of Ragging Act, 1999, as well as under the provisions of any other penal law for the time being in force and shall also be liable to rustication from the College.

### **Students' Council**

The Students' Council is formed under the Maharashtra Universities Act 1994. The Principal is the Ex-Officio Chairman of the Council, while the student-members elect one of them as its Secretary.

The Council comprises of students nominated on the basis of their academic performance, participation in Cultural activities, Sports, NSS and NCC. The Council is set up to look after the welfare of the students and to promote and co-ordinate the extra-curricular activities of different student associations for better corporate life. It helps the College administration in maintaining discipline and conducting various activities for the students like popular Youth Parliament, Debates on contemporary issues along with Cultural celebrations like Christmas, Traditional Day, Rose Day, Navratri etc....

### **Women Development & Empowerment Cell**

This cell has been functioning for a long time under the directives of the University of Mumbai. The cell has consistently worked towards creating social awareness about the problems of women like Gender Equality, Gender Discrimination and Sexual Harassment through guest lectures and conducting in-house activities. WDC organises various events to create awareness on women safety, Empowerment, Medical Health and Self-defense workshop. Women Empowerment Week is celebrated in first week of March to commemorate "Women's Day".

### **College Grievance Redressal Cell**

The function of the Cell is to look into the complaints lodged by any students, and judge its merit. Any student with a genuine grievance may approach the Senior members of the Committee or the Principal. This cell helps students to understand and solve their Personal, academic and college-related problems. The objective is to develop a responsive and accountable attitude among all stakeholders

in order to maintain a harmonious educational atmosphere in the College.

### **Examination Committee**

The Principal of the College constitutes the Examination Committee, a faculty member is appointed as Controller of the Examinations who ensures the execution of all Examination tasks. The committee takes responsibility for the smooth conduct of all examinations and ensures timely declaration of results.

### **Discipline Committee**

This Committee is constituted for the maintenance of discipline in the College. It ensures that students obey rules and remain orderly and peaceful in the pursuit of educational goals of the College community. Disciplinary framework includes Wearing Identity cards, proper dress code, no usage of cell phones in class, harmonious behaviour; violation of which may lead to strict punishments.

### **Unfair Means Committee**

The Committee is authorized to take disciplinary action against a student for misconduct during examination conducted by College. They can decide quantum of punishment after reviewing nature of malpractices at theory, practical / project report examination.

### **ISO Core Committee**

TCSC has established, documented, implemented, maintained and has continually improved the effectiveness of a quality management system in accordance with the requirements of international standard ISO 21001:2018.

TCSC has determined 12 key processes needed for the quality management system and has its application throughout the college. Audits (Internal audit and surveillance audit) are conducted biannually and annually and cover all the key processes and requirements of ISO 21001:2018. The non-conformities are analyzed and corrective action is decided and implemented in management review meeting. The Quality Policy is displayed and targets in quality objectives are decided based on the results of previous years. The results are analysed and action plans are formulated for improvement.

### **Attendance Committee (Science and Commerce)**

College has a vigilant Attendance committee which tracks students having low attendance, displays the Attendance Defaulting Students list before the 5th of every month. Parents are informed about their ward's attendance from time to time. Parents can also check the attendance of their ward on the college website: [www.tcsc.edu.in](http://www.tcsc.edu.in) updated on a daily basis. Committee briefs Parents about usage of website for attendance check and concerned notices at the beginning of the academic year during Parent-Teacher Meetings. The purpose of this committee is to have control over students' attendance.

### **TCSC Training & Placement Cell**

The College Placement Committee consisting of Senior faculty members and students envisions an ideal interface between Industry requirements and student's aspirations.



It conducts training Sessions for grooming students to be Industry ready for Placement Interviews. and arranges campus placements. The goal of the Committee is to obtain desired placement offers for the students in terms of profiles and organisations to work with, In addition the placement committee plays an instrumental role in developing and sustaining a mutually beneficial long term relationship with industry.

#### **Swami Vivekananda Committee**

This committee led by faculty members organizes various programs based on the life, philosophy and achievements of Swami Vivekananda. Students are encouraged to participate in the variety of activities like dramas, story-telling, poster-making competitions etc. throughout the year. The goal is to make students understand the moral and ethical values for which Swami Vivekananda stood and to inculcate them in their daily lives.

#### **Entrepreneurship Cell**

The College has an Entrepreneurial Cell – Prerna, where young minds are motivated to be wealth-creators and inspiring entrepreneurs. Start-up discussions, Guest Lectures and Projects are organized to develop entrepreneurial intent in students. Business ideas are mentored by Industry Experts and Faculty members. The College is proud to have many students develop their ideas into Business potentials and be able to initiate their Businesses in the competitive world.

#### **Department of Lifelong Learning and Extension (DLLE)**

DLLE is a statutory department of University of Mumbai to promote meaningful and sustained rapport between the university and the community. Our College became a part of DLLE in 2011-12 and registers learners each academic year for extension activities. DLLE currently runs six projects, namely: Anna Poorna Yojana (APY), Career Project (CP), Industry Orientation Project (IOP), Population Education Club (PEC), Status of Women in Society (SWS) and National Institute of Open Schooling (NIOS).

#### **Equal Opportunity Cell**

India is a country of diversity. It is a hub of different religions, castes and cultures. However, the Indian society is characterized by a highly entrenched system of social stratification. It is these social inequalities that created the barriers of denial of access to materials, cultural and educational resources to the disadvantaged groups of society. These disadvantaged groups are SCs, STs, women, OBC (non-creamy layer), minorities and physically challenged persons. The Equal Opportunity Cell caters to providing necessary resources for the development of such identified groups to bring in equality and parity among students

#### **Marathi Association (Marathi Vangmaya Mandal)**

Marathi Association conducts various competitions for students to understand the nuances of Marathi language and culture. The Committee aims to inculcate the creative thinking and develop literary skills in Marathi language among students.

#### **Hindi Association (Hindi Sahitya Parishad)**

Hindi Association led by a team of teachers with a flair for the language conducts various activities like debates, elocution and essay competition at college and inter-collegiate level to promote the proficiency of the language among students. Also Every year on the 14th September 'Hindi Diwas' is celebrated in the college that depicts our culture and love towards National Language.

#### **English Literary Association**

ELA endeavors to offer our learners various opportunities to accomplish their Goals in life, leading to Success. ELA aims for the Holistic Development of the learners and to help them achieve English Language Proficiency through participation in a series of activities like Essay Writing, Elocution, Debate, Book Review Short Story Writing etc.

#### **Commerce Association**

Commerce Association is the association of all Commerce faculties and Students that aims to bridge the gap from theory to practical aspects of Commerce and Business world. Various programs and activities like commerce quiz, short film-making and advertising events like AD-MAD. The focus is also to develop the overall personality of the student by exposing them to Commercial activities of Business world. Students develop leadership qualities and job orientation skills which improves their performance in the globalized world.

#### **Nature Club**

Nature Club promotes love for Nature and creates environmental awareness by arranging field trips, study tours and seminars/lectures by well-known personalities in the field of environmental sciences. Nature Walks to Borivali National Park are organized to make students understand the need for environment conservation.

#### **Computer Association**

Computer Association polishes the skills in the use of computer for the students of Computer Science and Information Technology. Competitions like power point presentation, sketching, poster designing, games etc. are seen with great interest among the students. Computer science Olympiad is also conducted as part of the association.

#### **Cultural Association**

This Association of the college provides a platform to showcase the cultural talents of students in performing arts. A variety of activities like dance, singing, Rangoli, Mehendi, Collage, Group dance etc. are organized.

“Taarangan” is the Inter-Collegiate Cultural Fest of the college organized in the month of December each year with a unique theme that unites every student to promote, participate and excel. It attracts more than 1000 participants from Colleges across Mumbai.

College alumnus, Nehal Chudasama, trained & groomed at our cultural platform went on to become Miss Diva - India and represented India in Miss Universe competition in Bangkok.

Many Students featured on television in various series



began their journey on the Cultural stage to practice and polish their acting skills.

“Trishna” Annual Day of the college, is organized by the students of the Cultural Association and Students Council. It provides them an opportunity to learn the art of management, organization and develop leadership qualities.

#### **Parents Teacher Association**

Parent – Teacher Association (PTA) is a formal organization that consists of Parents and Teachers for facilitating parental participation in the College activities. Selected parents are assigned as representatives for the larger group. The Association meets at regular intervals to discuss various issues relating to general welfare of the students. Suggestion from parents are taken into consideration as part of decision making. We are proud to have a very active Parents Teachers Association.

#### **Science Association**

This association offers a platform for the students to learn, explore and experiment scientific ideas into reality. The main aim of Science Association is to build the scientific temper in students by organizing Science Exhibitions with a relevant science faculty theme, science quizzes, guest lectures, Olympiads and elocution competitions. All the faculties of Science stream use their expertise in promoting scientific knowledge and research initiation among the science students.

#### **Mathematics Association**

The association aims at developing the analytical skill of the students in Mathematics and Statistics. They conduct competitions that sharpen their aptitude skills, logical reasoning and rational thinking so that students be prepared and confident to take up competitive exams.

#### **Planning Forum**

The Economics Department of the college conducts various subject related competitions in this association. They conduct Elocution, Debate, Organize guest lectures on contemporary economics issues. Students are given challenging brainstorming sessions.

#### **Alumni Association**

Thakur College of Science & Commerce Alumni Association was established in the academic year 2002-2003. It is formed to promote a lifelong relationship between College and Alumnus and increase fellowship amongst the members of the Association. The Alumni meet is held each year to strengthen the bond.

The Association aims to support student activities like Inter-collegiate fest ‘Tarangan’, to assist in placements & recruitment and to promote the development of current students.

#### **College Magazine “UDAAN”**

The college Magazine “UDAAN” is published annually that showcases the efforts and achievements of all academic faculties and students of the college. The magazine has an editorial board consisting of the Principal, teachers and students representatives to look after the publication of the magazine. Essays, articles, short stories, poems from every department, is selected and published in the magazine for encouragement of students.

#### **Counseling Cell**

The College has a career counseling cell which organizes various types of counseling sessions depending on the student’s requirement. Following are the various types of activities carried by the counseling cell.

- Career Guidance and Counseling
- Diagnostic Aptitude Test & Analysis
- Interview Technique Workshop
- Personality Development Programmes
- English Speaking Course
- Communication Skills Enhancement Workshop
- Training & Guidance for competitive examination like GRE, TOFEL, SAT, CAT etc.
- Training for NEET and JEE, AIEEE examination for Medical & Engineering courses.
- Guidance for admission in Foreign Universities.
- Guiding students for IIT- JAM examination
- Preparing students for different competitive examinations like IAS, MPSC, Banking, etc.

#### **Field Trips and Industrial Visits**

Students are given an opportunity to gain first hand knowledge and information from industries. Gaining awareness to prepare to face the competitive business world around them is the prime objective of industrial tours and visits. Students are able to link the theoretical knowledge to the actual functions of the industry. Trips to JNPT, Bombay Stock Exchange, National Stock Exchange, RBI are the preferred field-trips.

## Sports

The Sports Department of the College is active year-round and students are encouraged to participate in the



numerous sporting activities scheduled for them. Backed by a dedicated team of professional coaches and assistants, TCSC Gymkhana offers a full spectrum of sporting facilities. Students give a lot of time and energy towards putting up formidable College teams for all tournaments which the college participates in.

Students are given professional coaching in Cricket, Basketball, Football, Judo, Boxing, Yoga, Martial Arts, Kabaddi and Volleyball etc. They have proudly represented the college at District, State, National and International levels in the past. The College Gymkhana facilitates the needs of students who play Indoor games like Martial Arts, Judo, Carom, Chess, Boxing, etc.

Additionally, facilities of a large stadium and other infrastructural facilities provide an ideal ambience for outdoor games like Cricket, Football, Volleyball, Throwball, Kabaddi, Basketball, etc. The College also provides Table Tennis, Chess, Carom and Yoga Area in the Gymkhana. The Gymkhana has facilities including Exercise tools, playing equipment like Champion Boards, Chess Sets, Footballs, Carom Boards, Table Tennis Boards, Gymnastic Mats, Volleyballs, Cricket Kits etc.

## National Service Scheme (NSS)



TCSC's National Service Scheme (NSS) Unit was formed in the year 1999 and over the last 24 years its accomplishments are a testament to the promotion of social consciousness and community reformation ideology. The unit has been running on its full strength with 250 volunteers

every year since 2009. The unit actively collaborates with various Governmental Bodies, Private Institutions, NGOs, Civil Societies, and many others. The achievements of the NSS Unit includes 5 volunteers representing Maharashtra at National Republic Day Parade, 6 times Recipient of "Maximum Blood Unit Collection Award" by the University of Mumbai, adoption of 7 villages, 9 times recipient of "Best NSS Unit" and "Best NSS Volunteer Awards" at District, University, State, National and International level including the "Indira Gandhi NSS Award." In 2021-22 TCSC was awarded as the "Best NSS Team" by University of Mumbai.

NSS Unit has adopted P.P. Shri. Gagangiri Maharj Ashram where more than 40 thousand trees are planted in last 12 years and has been instrumental in conserving that through Sunday projects on regular basis. The Ashram trust has appreciated TCSC NSS Unit for dedicated work for more than a Decade.

TCSC NSS Unit has adopted Six Villages around Mumbai Vedhe, Talavali, Devli in Palghar, Belkadi in Vasai & Shirole in Bhiwandi. In these villages' activities like medical camp, awareness on Malnutrition, Swachhata Abhiyan, Tree Plantation, Library Educational activities etc. were undertaken. a nursery of 50 Thousand saplings is made at Manori for plantation

The NSS unit conducted ration distribution program to 1200 mumbai dabawallas and in adopted villages during the pandemic times as a part of its social initiative.

## National Cadet Corps (NCC)



NCC is a highly reputed body which is also known as the second line of defence of our country. National Cadet Corps with the motto "Unity and Discipline" has been carving the social moral values of the enrolled cadets. The NCC unit imparts values of unity, discipline and service to the Nation. The NCC provides exposure to the cadets to a wide range of activities with a distinct emphasis on Social Services, Discipline and Training. The NCC Unit 3 Maharashtra Battalion at TCSC has been functioning since the last 19 years with the same ideology. The NCC unit puts its cadets through rigorous training. The year 2021-2022 witnessed the launch of Girls NCC Unit under 5 Maharashtra Battalion.



## Student Placement @TCSC

We at TCSC take all necessary measures to prepare our learners ready for dynamic Corporate World. The training & Placement Cell of College provides necessary guidance and help to students for availing the benefit of Campus Recruitment. The placement record of previous years provides a proof that Corporate have confidence in our students. The College got appreciation from CII-Naoroji Godrej Model Career Centre for its dedication and endless support towards Student Placement.

**Highest Package: 9.60 LPA & Average Packages: 4.20 LPA**

### Major Recruiters of TCSC



## International Collaborations

Thakur College of Science & Commerce has entered into MoU with Foreign Universities to promote international education. We strive for Student and cultural exchange programs to foster student development and also to promote international and intercultural understanding and academic cooperation and collaboration.

- University of Frazer Valley, Vancouver, Canada
- Royal Roads University, Canada
- University of Canberra, Australia
- Riders University, New Jersey, USA



### **University of Frazer Valley, Vancouver, Canada**

The college has collaborations with University of Frazer Valley, Vancouver, Canada for B.Sc.(I.T.) and B.Sc. (C.Sc.) students. It is a unique program where the students can study for two years in Thakur College of Science & Commerce and two years at Frazer Valley University. The student will be awarded the Under Graduation Degree from Frazer Valley University.



UFV is located in the beautiful Fraser Valley just east of Vancouver, British Columbia, Canada. The University of the Fraser Valley (UFV) is a fully accredited, public University that enrolls approximately 15,000 students per year.

- |                          |   |  |
|--------------------------|---|--|
| • Software               | • Software Development                    | • Project Management Computer Security |
| • Development            | • Systems Analysis and Design             | • Network Design and Administration    |
| • Systems and Networking | • User Interface Design and Human Factors | • End User Support                     |
| • Cyber Security         | • Web and Database Design and             | • Management of Technology             |
| • Program Structure      | • Programming                             |  |

**YEAR 1**

TCSC BSC IT/CS

**YEAR 2**

TCSC BSC IT/CS

**YEAR 3**

UFV - BCIS

**YEAR 4**

UFV - BCIS



## Royal Roads University, Canada

Royal Roads University, Canada offers a similar option of 2+2 for the B.Sc. (I.T.), B.Sc. (C.Sc.), B.M.S., B.Com. (A & F) and Mass Media students.

RRU is located in one of Canada's most beautiful National Historic Sites. Royal Roads University has a long history of excellence. In 2015,



RRU celebrated 75 years of leadership and learning - 55 years as a military college and 20 years as a public applied research university.

RRU understands the need and aspiration of their students, and have created options to deliver an educational experience beyond imagination. Their cohort model features group-based course work, providing a resource of like-minded peers, they ensure the learners growth with their program.

## Program for BMS & BAF

Bachelor of Business Administration in Sustainability & International Business (BBA)



## University of Canberra, Australia



An MoU is also signed with University of Canberra, Australia for 2+1+1 years programme i.e., two years in Thakur College of Science & Commerce, one year in University of Canberra to complete the under-graduation programme followed by 1 year of MBA programme. This programme is applicable to the Information Technology & Commerce students.

## Riders University, New Jersey, USA

A similar MOU has been entered with Riders University, New Jersey, USA offering education options of Undergraduate and Post-Graduation Programs. This program applicable to I.T. students and Commerce students of BMS, BAF, BMM and B.Com. for 2 years in Thakur College of Science & Commerce and 1 year at Riders University for a BBA degree

followed by One and half year of Master's Degree in the area of interest.

Established in 1865, Rider University is a comprehensive and accredited university

that draws students from around the world to our programs in business, education, liberal arts and sciences, fine and performing arts, and music. Their academic experience emphasise connected learning, leadership skills, a global perspective, social responsibility, and a student-centered focus.

Students can choose from the following options - Master of Business Administration (MBA) Master of Science in Corporate Finance Master of Science in Information Systems





## Distinguished Guest @TCSC Campus



**Dr. Ravindra Kulkarni**  
Vice Chancellor,  
University of Mumbai



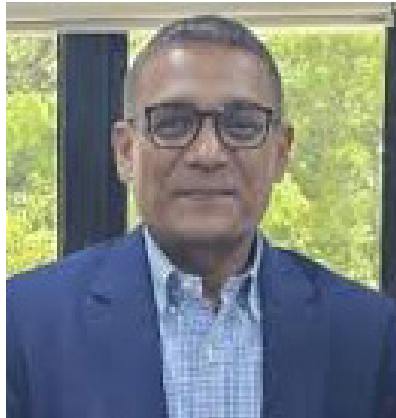
**Shaurya Chakra Awardee**  
**Col. Kaushal Kashyap**  
Ex Special Forces Officer  
Indian Army



**Mr. Shailesh Gandhi**  
Former Chief Information  
Commissioner, Central  
Information Commission



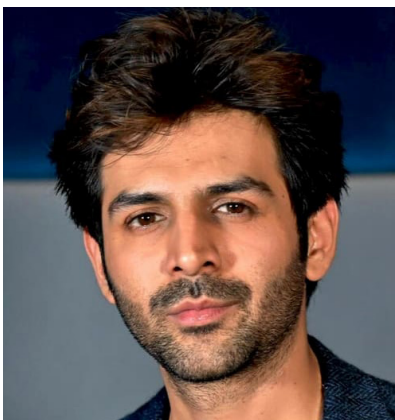
**Prof. Suborno Issac Bari**  
World's Youngest Professor



**Mr. Tushar Giri,**  
Executive Director, Institute  
of Actuaries of India



**Ms. Manya Girdhar**  
Vice President, Corporate  
Banking, HSBC



**Kartik Aaryan**  
Actor &  
Youth Influencer



**Mr. Ashish Limaye**  
CEO, Craving Digital



**Mr. Supratim Bhol**  
National Award Winning  
Cinematographer

## **Student Administrative Services**

<b>Sr. No</b>	<b>Services</b>	<b>Documents required</b>	<b>Counter No.</b>	<b>No. of working days required</b>
1	Railway Concession	Aadhar Card, Ration Card, Electricity Bill, College ID Card	Reception	1 or 2 day/s
2	Bonafide Certificate	Application form, Attested Xerox Copies of Mark-sheet/s or College ID	Reception	1 or 2 day/s
3	Medium of Instruction	College ID Card and Mark-sheet	Library Office	Immediate
4	Recommendation letter (should be applied to the concerned teachers)	Application with College ID/ Fee Receipt and Mark-sheet	Administration Office	1 or 2 day/s
5	Alumni Association Registration Form and Life Membership	Registration form from college office	Administration Office Counter 11	Immediate
6	No Objection Certificate	Application form, Attested Xerox Copies of Mark-sheet/s (Semester/Class-which he/she studied)	Administration Office Counter 1, Reception	1 or 2 day/s
7	Transcripts	Application form, Attested Xerox copies/ original mark-sheets of each year of the course (All semester)	Administration Office	6 days
8	Attestation of Transcripts	Transcript copies and original Transcript	Administration Office	1 or 2 day/s
9	Educational Verification	Attested Xerox copies of Mark-sheets of the student, Cash / DD of Rs applicable per mark- sheet in favour of "Thakur College of Science & Commerce"	Administration Office Counter 6	3 days
10	Transfer Certificate	Transfer form from college where student has secured admission, attested Xerox copies of FY/SY/TY Degree College mark- sheets	Administration Office Counter 2	6 days
11	Migration Certificate	Attested Xerox copies of FY/SY/TY Degree College mark-sheets, HSC mark-sheet College ID card, Migration form (available in Mumbai University), DD of Rs.220/- in favour of "Finance and Accounts Officer, University of Mumbai" or by cash in University Migration Section. Online Process - mu.migrationcertificate.in	Administration Office Counter 2	2 days by college and approximately 30 days by University of Mumbai
12	Admission for International Student	A valid student visa or PIO, RRO clearance certificate from SB2 Crime branch, Address proof in the foreign country, Prima facie from University of Mumbai, Xerox copy of passport, complete body check-up and blood report, original mark-sheets transfer certificate, migration certificate, a letter from the Consulate	Administration Office	As per University Time - table

## Scholarships & Awards

Meritorious & deserving students in the field of curricular & Co curricular are encouraged with number of awards.

### A) Maharashtra Government Scholarship / Freeship:

The students of Junior/Degree College belonging to backward caste such as SC/ST/NT/DT/OBC and SBC are offered scholarships/freeships by Government of Maharashtra.

<b>B) Academics : Special Achievement Awards</b>	
* Thakur Ramnarayan Singh Sp. Award (Rs. 51,000/-)	For TCSC students Securing First in H.S.C. Merit List
* Thakur Ramnarayan Singh Sp. Award (Rs. 21,000/-)	For TCSC students Securing Second in H.S.C. Merit List
* Thakur Ramnarayan Singh Sp. Award (Rs. 11,000/-)	For TCSC students Securing Third in H.S.C. Merit List
* Thakur Shyamnarayan Singh Sp. Award (Rs. 11,000/-)	For Securing First in University merit list
* Thakur Shyamnarayan Sinzgh Sp. Award (Rs. 7,500/-)	For Securing Second in University merit list
* Thakur Shyamnarayan Singh Sp. Award (Rs. 5,000/-)	For Securing Third in University merit list
<b>C) Academics : Awards</b>	
* Bhagwandas V. Shah Prize (Rs. 500/-)	First at XI - F.Y.J.C. Science
* Zagdu Singh Memorial Award (Rs. 1000/-)	First among students of TCSC at H.S.C. Science.
* Zagdu Singh Memorial Award (Rs. 750/-)	Second among students of TCSC at H.S.C. Science.
* Zagdu Singh Memorial Award (Rs. 500/-)	Third among students of TCSC at H.S.C. Science.
* Ashish Zaveri Prize (Rs. 500/-)	First at XI - F.Y.J.C. Commerce
* Nimnadevi Memorial Award (Rs. 1000/-)	First among students of TCSC at H.S.C. Commerce
* Nlrnadevi Memorial Award (Rs. 750/-)	Second among students of TCSC at H.S.C. Commerce
* Nimnadevi Memorial Award (Rs. 500/-)	Third among students of TCSC at H.S.C. Commerce
* Madhubhai K Patel Memorial Prize (Rs. 500/-)	First at F.Y.B. Sc.
* Rajendra Singh Prize (Rs. 500/-)	First at S.Y.B. Sc.
* Shyamnarayan Singh Memorial Award (Rs. 1000/-)	First among students of TCSC at T.Y. B. Sc.
* Shyamnarayan Singh Memorial Award (Rs. 750/-)	Second among students of TCSC at T.Y. B. Sc.
* Shri Bechu Prasad Prize (Rs. 500/-)	First rank among TCSC students in Physics at T.Y.B. Sc.
* Smt. Sushilaben R.Shah Prize (Rs. 500/)	First rank among TCSC students in Chemistry at T.Y.B. Sc.
* Smt. Humraji Devi Memorial Prize (Rs. 500/)	First rank among TCSC students in Mathematics at T.Y.B. Sc.
* Shri. Dhapu Bhai Bhatt Prize (Rs. 500/-)	First rank among TCSC students in Botany at T.Y.B. SC.
* Shri Dhapu Bhai Bhatt Prize (Rs. 500/-)	First rank among TCSC students in Zoology at T.Y.B. Sc.
* Thakur Shyam Narayan Singh Award (Rs. 500/-)	First rank among TCSC students in Computer Science at T. Y.B. Sc.
* Musafir Singh Memorial Award (Rs. 500/-)	First rank among TCSC students in Bio Technology at T.Y.B. Sc.
* Thakur Ram Narayan Singh Award (Rs. 500/-)	First at F.Y.B. Sc. (Aviation)
* Thakur Ram Narayan Singh Award (Rs. 500/-)	First at S.Y.B. Sc. (Aviation)
* Shri Khetshi Khimraj Dedhia of Dedhia Group Award (Rs. 1000/-)	First rank among TCSC students in Aviation at TY.B. Sc.
* Shri Khetshi Khimraj Dedhia of Dedhia Group Award (Rs.750/-)	Second among TCSC students in Aviation at T.Y.B. Sc.
* Kamalavati B. Sharma Memorial price (Rs. 500/-)	First at F.Y.B. Sc.(I.T., DA, AS,AVFX, SS)
* Musafir Singh Memorial award (Rs. 500/-)	First at S.Y.B. Sc.(I.T., DA, AS,AVFX, SS)
* Musafir Singh Memorial Award (Rs. 1000/-)	First among students of TCSC at T.Y.B. Sc.(I.T., DA, AS,AVFX, SS)
* Fazal Ali Din Mohammad Memorial Prize (Rs. 750/-)	Second among students of TCSC at T.Y.B. Sc.(I.T., DA, AS,AVFX, SS)
* Madhubhai K. Patel Memorial Prize (Rs. 500/-)	First at F.Y.B. Com.
* Rajendra Singh Prize (Rs. 500/-)	First at S.Y.B. Com.
* Indradevi Memorial Award (Rs. 1000/-)	First among students of TCSC at T.Y B. Com.
* Indradevi Memorial Award (Rs. 750/-)	Second among students of TCSC at T.Y.B.Com.
* Ram Jiyavan Yadav Memory Prize (Rs. 500/-)	Highest Marks among TCSC students in Business Economics at T.Y.B.Com.
* Ram Jiyavan Yadav Memory Prize (Rs. 500/-)	Highest Marks among TCSC students in Financial Accounting at T.Y.B.Com.
* Badri Pal Singh Prize (Rs. 500/-)	Highest Marks among TCSC students in Management Accounting at T.Y.B.Com.
* Badri Pal Singh Prize (Rs. 500/-)	Highest Marks among TCSC students in D & I Taxation at T.Y.B.Com.

* Badri Pal Singh Prize (Rs. 500/-)	Highest Marks among TCSC students in Cost Accounting at T.Y.B.Com.
* Shri Subhakaran Luharka Prize Rs. 500/-)	Highest Marks among TCSC students in Commerce VI at T.Y.B.Com.
* Shri Subhakaran Luharka Prize Rs. 500/-)	Highest Marks among TCSC students in Export Marketing at T.Y.B.Com.
* Thakur Sarju Ramsaran Singh Memorial Prize (Rs. 500/-)	First at B.M.S. (First Year)
* Sonadevi Suryanath Singh Memorial Prize (Rs. 500/-)	First at B.M.S. (Second Year)
* Dhananjay devadiga award (Rs. 1000/-)	First among students of TCSC at B.M.S. (Third year)
* Babu Ram yadav award (Rs. 750/-)	Second among students of TCSC at B.M.S. (Third year)
* Ravi Dhanuka Prize (Rs. 500/-)	First at F.Y.B.Com. (B & I)
* Shantilal Chunilal Vyas Memorial Award (Rs. 500/-)	First at S.Y.B.Com. (B & I)
* Shantilal Chunilal Vyas Memorial Award (Rs. 1000/-)	First among students of TCSC at T.Y.B.Com. (B & I)
* A. B. Mistry Award (Rs. 750/-)	Second among students of TCSC at T.Y.B.Com. (B & I)
* Arcade Group prize (Rs. 500/-)	First at F.Y.B.Com.(F.M.)
* Thakur Ram Narayan Singh Award (Rs. 500/-)	First at S.Y.B.Com.(F.M.)
* Arcade Group prize (Rs. 1000/)	First among students of TCSC at T.Y.B.Com.(F.M.)
* Bharatpal Singh Prize (Rs. 750/)	Second among students of TCSC at T.Y.B.Com.(F.M.))
* Karsandas M.Gandhi Memorial Prize (Rs. 500/-)	First at F.Y.B.Com. (A & F, Honurs, IA, Entrepreneurship, DB,SIM)
* Manjulaben Shantilal Vyas Memorial Award (Rs. 500/-)	Second at F.Y.B.Com. (A & F, Honurs, IA, Entrepreneurship, DB.)
* Manjulaben Shantilal Vyas Memorial Award (Rs. 1000/-)	First among students of TCSC at T.Y.B.Com. (A & F, Honurs, IA, Entrepreneurship, DB.)
* Thakur Ramnarayan Singh Award (Rs.750/-)	Second among students of TCSC at T.Y.B.Com. (A & F, Honurs, IA, Entrepreneurship, DB.)
* Thakur Ramnarayan Singh Award (Rs. 500/-)	First at F.Y.B.A.(M.M.C.)
* Thakur Ramnarayan Singh Award (Rs. 500/)	First at S.Y.B.A.(M.M.C.)
* Thakur Ramnarayan Singh Award (Rs. 1000/-)	First among students of TCSC at T.Y.B.M.M.
* Thakur Ramnarayan Singh Award (Rs. 750/-)	Second among students of TCSC at T.Y.B.M.M.
* Thakur Shyam Narayan Singh Award (Rs. 500/-)	First among students of TCSC at F.Y.B.A. (F.T.N.M.P.)
* Thakur Shyam Narayan Singh Award (Rs. 500/-)	Second among students of TCSC at S.Y.B.A. (F.T.N.M.P.)
* Thakur Ramnarayan Singh Award (Rs. 1000/-)	First among students of TCSC at T.Y.B.A. (F.T.N.M.P.)
* Thakur Ramnarayan Singh Award (Rs. 750/-)	Second among students of TCSC at T.Y.B.A. (F.T.N.M.P.)
* Manjulaben Shantilal Vyas Memorial Award (Rs. 1000/-)	First among students of TCSC at M.Sc. (I.T.) Part II.
* Manjulaben Shantilal Vyas Memorial Award (Rs. 750/-)	Second among students of TCSC at M.Sc. (I.T.) Part II.
* Bhagwanidevi Memorial Award (Rs. 1000/-)	First among students of TCSC at M.Sc. (C.S.) Part II
* Bhagwanidevi Memorial Award (Rs. 750/-)	Second among students of TCSC at M.Sc. (C.S.) Part II
* Shardaben BabubhaiJoshi Memorial Award (Rs. 500/-)	First among students of TCSC at M.Sc. (Organic Chemistry) Part II
* Thakur Shyam Narayan Singh Award (Rs.500/-)	First among students of TCSC at M.Sc. (Inorganic Chemistry) Part II
* Arcade Group Prize (Rs. 1000/-)	First among students of TCSC at M.Com.(E-Com.) Part II
* Shri Sakharaj Singh Prize (Rs. 750/-)	Second among students of TCSC at M.Com.(E-Com.) Part II
<b>D) Co -Curricular/Extra - Curricular Activities Awards</b>	
Prabhavatidevi S. Singh Award (Rs. 1000/-)	Student of the Year (Male)
Prabhavatidevi S. Singh Award (Rs. 1000/-)	Student of the Year (Female)
Vasant G.Pradhan Memorial Prize (Rs. 500/)	Best N.C.C. Cadet of the year (Male)
*Asian Food Products Prize (Rs. 500/-) Sports	Best N.S.S. Volunteer of the year Sports
Goragandhi Prize (Rs. 500/-)	Best Cricket Player of the Year
Shri. Rameshbhai Shah Prize (Rs. 500/-)	Best Volleyball Player of the Year
Shri. Himanshu Walavalkar Prize (Rs. 500/)	Best Football Player of the Year
Suresh G. Kathuria Prize (Rs. 500/-)	Best Sports person (Male)
Kishnadutta R. Sharma Memorial Prize	Best Sports person (Female)





Thakur Shree DPS College of  
Engineering & Management  
**2025 (Proposed)**



Thakur Indrasandevi Public School  
**2025 (Proposed ICSE School)**



Thakur Shyamnarayan Engineering  
College  
**2024**



Thakur Bhagwanidevi Musafir  
Public School  
**2023**



Thakur Specialized  
Degree College  
**2023**



Thakur Ramnarayan  
Public School  
**2020**



Thakur Global Business  
School  
**2020**



Thakur Ramnarayan  
College of Law  
**2017**



Thakur Shyamnarayan  
Degree College  
**2016**



Thakur Ramnarayan College  
of Arts & Commerce  
**2016**



Thakur Vidya Mandir  
Global School  
**2016**



Thakur School of Architecture  
and Planning  
**2014**



Thakur Shyamnarayan High School  
(English Medium)  
**2013**



Thakur School of Global  
Education  
**2008**



Thakur International School  
**2007**



Thakur Shyamnarayan College  
of Education & Research  
**2007**



Thakur Institute of Aviation  
Technology  
**2006**



Thakur Public School  
**2003**



Thakur Institute of Management  
Studies & Research  
**2002**



Thakur Institute of Career  
Advancement  
**2001**



Thakur Institute of Management Studies,  
Career Development & Research  
**2001**



Thakur College of Engineering  
& Technology  
**2001**



Thakur Polytechnic  
**1998**



Thakur College of  
Science & Commerce  
**1992**



Thakur Vidya Mandir High School & Junior College  
**1990**

# ADMINISTRATION @TCSC



**Dr. (Mrs.) Chaitaly T. Chakraborty**

M.Sc., Ph.D.

PRINCIPAL

**Dr. Shashikant D. Ajagekar**

M.Sc., PhD

Vice Principal, (Degree Science)

**Dr. Nishikant Jha**

L.L.B. MBA, M.Com, PhD, D.Litt., CIMA Adv,

Ph.D & M.Phil. Guide

Vice Principal, (Degree Commerce)

DEGREE  
COLLEGE

**Dr. Vijay Jadhav**

MSc., PhD

Dean – Academics (Degree Science)

**Dr. Parul Singhal**

MBA, NET, Ph.D.

Dean – Academics (Degree Commerce)

**Ms. Mamatha Shetty**

M.Com. B.Ed. M.Phil

Vice Principal - Academics &

Examination Chairperson

(Junior Science & Commerce)

**Mr. Narendra Tiwari**

M.Sc., B.Ed

Vice Principal - Administration

(Junior Science)

JUNIOR  
COLLEGE

**Mr. Kiran Jadhav**

M.Com. (A/C, Eco, Mgt), M.Phil. B.Ed

Vice Principal - Administration

(Junior Commerce)

**Mr. Uday Rane**

Office Superintendent

**Mr. Sahadeo Taware**

M.L.I.Sc., NET

Librarian

ADMINISTRATION  
& LIBRARY

Tel.: 022 2846 2565 / 2887 2627

Email: [tcsc@tcsc.edu.in](mailto:tcsc@tcsc.edu.in)

Website: [www.tcsc.edu.in](http://www.tcsc.edu.in)

For any  
queries  
kindly contact



Life@TCSC



follow us on



TCSC.EDU.IN



TCSCMUMBAI



TCSC



TCSCMUMBAI



TCSCMUMBAI



Taarangan



TCSCAlumni

[www.tcsc.edu.in](http://www.tcsc.edu.in)

*Thakur Educational Trust's (Regd.)*

**THAKUR COLLEGE OF SCIENCE & COMMERCE**

Empowered Autonomous College Permanently Affiliated to University of Mumbai

(NAAC Accredited with Grade "A" (3rd Cycle) & ISO 21001:2018 Certified)

Best College Award by University of Mumbai for the Year 2018-2019

Shyamnarayan Thakur Marg, Thakur Village, Kandivali (E), Mumbai - 400 101.

Tel.: 022-2846 2565 / 2887 0627 | Fax : 022-2886 8822 | Email : [tcsc@tcsc.edu.in](mailto:tcsc@tcsc.edu.in) | Website : [www.tcsc.edu.in](http://www.tcsc.edu.in)

