Celebrating 75 years of excellence



Nagpur Shikshan Mandal's

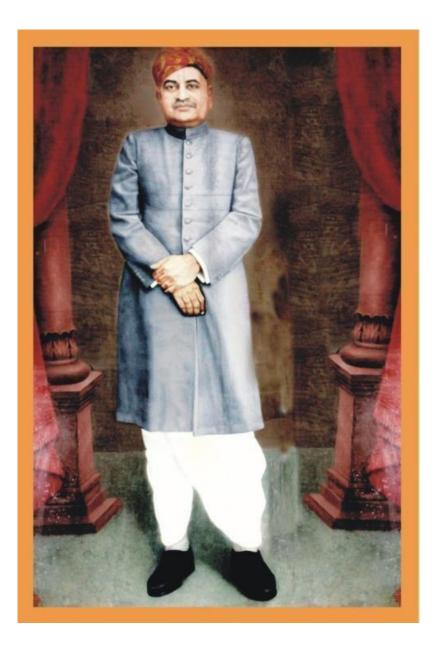
SHRI MATHURADAS MOHOTA COLLEGE OF SCIENCE

Sakkardara Square, Umred Road, Nagpur (MH) 440024

Reaccredited by NAAC with 'A+' Grade (CGPA 3.26) An ISO 9001:2015 Certified Institution

PROSPECTUS 2024-25 NON GRANT

SETH SHRI MATHURADASJI MOHOTA



Shri Mathuradas Mohota College of Science, Nagpur was established in 1949 with the generous donation of ₹ One lakh by Seth Shri Mathuradasji Mohota. This year we are celebrating 75 years of excellence towards science education in Central India.

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COLLEGE DETAILS

Sr. No.	Content	Details on following web links
1	About the College	https://mohotasci.edu.in/about-us/
2	Managing Committee	https://mohotasci.edu.in/managing-committee/
3	Message from President	https://mohotasci.edu.in/presidents-message/
4	Departments & Staff	https://mohotasci.edu.in/departments-and-administrative-office/
5	IQAC	https://mohotasci.edu.in/about-iqac/
6	Facilities	https://mohotasci.edu.in/facilities/
7	Scholarships and Prizes	https://mohotasci.edu.in/scholarships/
8	Freeship and financial aids	https://mohotasci.edu.in/freeship-financial-aid/

VISION, MISSION AND POLICY STATEMENT

VISION

Shri Mathuradas Mohota College of Science, Nagpur aims at producing knowledgeable, intelligent, cultured, skilled, patriotic, environmentally aware workforce to meet the present and future requirements and challenges of the nation.

MISSION

Training for professional life:

- 1. Stimulating critical and creative thinking
- 2. Giving exposure to cutting-edge areas of education and research
- 3. Thinking beyond the shackles of textbook knowledge
- 4. Preparing skilled and employable workforce

Training for social life:

- 1. Respecting cultural, social pluralism and diversity
- 2. Honouring the dignity of every individual
- 3. Practicing compassion and concern
- 4. Imparting awareness about the environment and its conservation
- 5. Imparting a sense of patriotism

Training for personal life:

- 1. Giving back to society in economic, social, cultural, and intellectual dimensions
- 2. Inclusion of emotional and spiritual attitude
- 3. Encouraging honesty, transparency, and accountability



POLICY STATEMENT

It will be the constant endeavour of Shri Mathuradas Mohota College of Science to render education and morals of highest possible standards so that the students are transformed into confident and self-reliant individuals who always think 'nation first' and have capacity to lead globally.

SALIENT FEATURES OF THE COLLEGE

- Student-centric teaching-learning pedagogies
- Teaching methods aligned with NEP 2020
- Practices for holistic development of students
- Qualified, experienced & competent faculty members
- Smart classrooms and laboratories with ICT facilities.
- Well-equipped Science laboratories
- Well-equipped computer laboratories
- Practical Approach for Real-World Experience.
- Networking Opportunities for Wider Career Access.
- Creative Focus on Skill Enhancement.
- Experimental Learning.
- Library with a vast collection of books, journals, and e-resources
- Recognized as Place for Higher Learning and Research by RTMNU
- Academic outreach and student volunteering
- Wi-Fi enabled campus
- Disciplined environment for quality education
- Eco-friendly campus
- Ragging-free campus
- Social outreach activities through NSS and Scouts & Guides
- Regular parent-teacher meetings
- Regular feedback from stakeholders
- Strong alumni connect
- Industry connections
- Well-equipped gymnasium
- Participation in university and national level sports and cultural events
- Garba night during Navratri
- Annual cultural fest
- Cycle bank
- Institutional scholarships and student welfare scheme





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ADMISSION INFORMATION BULLETIN

1. IMPORTANT NOTE

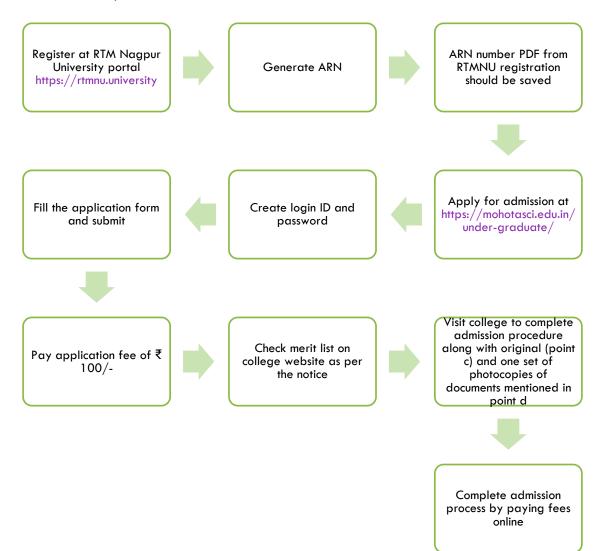
The college has not appointed any middlemen/ agents for admissions. The college will not be responsible if the students approach such touts.

Note that in BSc we offer 7 programs which are run on a grant-in-aid basis and 6 programs on nongrant basis. The details are in the table given in point 3.

The academic session will commence from **18th June 2024** as per the academic calendar received from Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.

2. ADMISSION PROCEDURE

- a. The admission procedure is strictly on merit basis, as per university, government rules and through the college admission committee.
- b. The admission process is shown below:



- c. Following original documents need to be mandatorily submitted during admission:
 - i. Receipt of payment of ₹ 100/- towards college registration
 - ii. University registration receipt
 - iii. Leaving certificate from the school/ college
 - iv. Statement of marks obtained in XII standard
 - v. Anti-ragging undertaking
 - vi. 75% attendance undertaking
- d. Attach self-attested photocopies of the following to the application form: MANDATORY DOCUMENTS
 - i. Leaving certificate from the school/ college
 - ii. Statement of marks obtained in XII standard
 - iii. X standard passing certificate/ diploma
 - iv. Aadhaar Card

DOCUMENTS WHEREVER APPLICABLE

- i. Caste Certificate (for students belonging to SC, ST, NT/VJ, OBC, SBC, EWS, SEBC)
- ii. Election photo identity card (for students registered as voters)
- iii. Gap certificate (court affidavit stating that the student did not join any other institution after passing last university/ board examination. This affidavit is necessary only if there is a gap of one or more years between passing the last examination and joining the college.)
- iv. Migration certificate in the case of students who have passed their last qualifying examination of a university or a board other than RTM Nagpur university or Maharashtra State Board of Secondary and Higher Secondary Education
- v. Eligibility certificate from RTM Nagpur University for students from university or board other than Maharashtra State Board of Secondary and Higher Secondary Education
- vi. Income certificate of financial year 2023-24 from Gazetted Officer of State Government for students who wish to claim freeship/ scholarship
- e. As per the ordinance No. 2 of RTM Nagpur University, Nagpur for admission to a college, the student shall produce the original school/ college leaving certificate signed by the head of the institution/ college last attended. This is required at the time of final admission. The original school/ college leaving certificate will be retained by the college for its permanent record and will not be returned in any case.
- f. The reservation of seats for backward class & physically handicapped students will be made as per the university directives.
- g. If the information has been suppressed in the application form and it comes to the notice of the college after admission at any time, the student will be liable to expulsion besides other action as may be deemed fit.

3. PROGRAMS OFFERED

With the implementation of National Education Policy 2020 (NEP 2020) from the session 2024-25, the students admitted to first semester of Bachelor of Science (Honors/ Research) program must study the courses mentioned in table 1:

Sr. No.	Course Type	Course Code	Choice for selection
1.	Major subject (Department/ subject Specific Core)	DSC	The student must successfully complete the DSC courses mentioned in table 2 . These will include two theory and two practical courses.
2.	General Elective/ Open Elective	GE/ OE	The student must select two General Elective/ Open Elective courses, one each from table 3 and table 4 . The GE/ OE courses cannot be selected from the subjects chosen by a student as Major and Minor subjects.
3.	Vocational Skill Course	VSC	A student is required to successfully complete the Vocational Skill Course as mentioned in this scheme of examination. This course must be a course corresponding to the Major and/or Minor subject selected by a student.
4.	Skill Enhancement Course	SEC	A student is required to select a Skill Enhancement Course from the basket provided by the university for this purpose. The list of SEC courses is provided in table 5 .
5.	Ability Enhancement Course	AEC	A student is required to study English Compulsory under AEC.
6.	Indian Knowledge System	IKS	A student is required to study Vedic Mathematics under IKS.
7.	Value Education Course	VEC	A student is required to study Environmental Science under VEC.
8.	Co-curricular course	СС	A student is required to select and successfully complete one Co-curricular Course mentioned in table 6.

TABLE 1: TYPES OF COURSES AND CHOICE FOR SELECTION

• Major subject

A student will study Department/ subject Specific Core (DSC) courses from the Major subject only. The following MAJOR subjects will be offered by the college:

Affiliated Program	MAJOR subject	Program code
B.Sc (Computer Science)	Computer Science	CS
B.C.A	Computer Science	СА
B.Sc (Information Technology)	Computer Science	IT
B.Sc (Data Science)	Computer Science	DS
B.Sc(Artificial Intelligence)	Computer Science	AI
B.Sc (Microbiology)	Microbiology	MI

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TABLE 2: MAJOR SUBJECTS OFFERED BY THE COLLEGE FOR DSC COURSES

Each student must select only ONE subject from table 2 as a MAJOR subject. The student will study this MAJOR subject throughout the completion of the program and change in MAJOR subject will not be permitted.

Third semester onwards, the student is required to select one MINOR subject from any basket (groups A to E) except the basket from which she/ he has selected the MAJOR program (subject).

• General Elective/ Open Elective (GE/ OE)

All BSc semester I students must select one GE/ OE course, each from table 3 and 4. These cannot be selected from the subjects chosen by a student as Major subject.

Sr. No.	Course Code	Name of Course	BoS	Can be selected by
1.		Bio fertilisers, bio- pesticides and compositing	Botany	Any student NOT selecting Botany as Major
2.		Computer fundamentals	Computer Science	Any student NOT selecting Computer Science as Major
3.		Basic Electronics Components & Instruments	Electronics	Any student NOT selecting Electronics as Major
4.		Topographic Map Reading	Geology	Any student NOT selecting Geology as Major
5.	BG01T01	<u>Quantitative</u> aptitude	<u>Mathematics</u>	Any student NOT selecting Mathematics as Major
6.		Introduction and scope of Microbiology	Microbiology	Any student NOT selecting Microbiology as Major
7.		Space Science	Physics	Any student NOT selecting Physics as Major
8.		Human anatomy and physiology	Zoology	Any student NOT selecting Zoology as Major
9.		Indian birds	Zoology	Any student NOT selecting Zoology as Major

The following courses will be offered by the college as the first GE/ OE:

TABLE 3: GE/ OE FIRST BASKET FOR SEMESTER I

The following courses will be offered by the college as the second GE/ OE:

Sr. No.	Course Code	Name of Course	BoS	Can be selected by
1.	Indoor gardening		Any student NOT selecting	
1.		and landscaping	Botany	Botany as Major
2.	BG01T02	Office Automation Computer Science	Computer Science	Any student NOT selecting
Ζ.			Computer Science as Major	
3.	BGUITUZ	Communication &	Electronics	Any student NOT selecting
з.		Broadcasting	Electronics	Electronics as Major
4.		Geostatistics in	Caalaan	Any student NOT selecting
4.		Geology	Geology	Geology as Major

5.	Basic Statistics	Mathematics	Any student NOT selecting Mathematics as Major
6.	Energy sources	Physics	Any student NOT selecting Physics as Major
7.	Reproductive biology	Zoology	Any student NOT selecting Zoology as Major
8.	Attractive insects	Zoology	Any student NOT selecting Zoology as Major
9.	Basic Analog and Digital Electronics	Forensic Science	Any student NOT selecting Zoology as Major

TABLE 4: GE/ OE SECOND BASKET FOR SEMESTER I

• Skill Enhancement Course (SEC)

All BSc semester I students must select one SEC. The following SEC will be offered by the college:

Sr. No.	Course Code	Name of Course	BoS
1.		Communicative Skills and Personality Development 1	Languages
2.		Soil analysis and hydrobiology	Botany
3.		Desk Top Publishing	Computer Science
4.	BVS1PO2	Simulation and Modelling of Electronic Circuits 1	Electronics
5.		Geo-statistics in Geology	Geology
6.		Aptitude and Reasoning	Mathematics
7.		Beekeeping	Zoology
8.		Food Adulteration Analysis	Chemistry
9.		Quality control testing of fermented food	Microbiology

TABLE 5: SEC BASKET FOR SEMESTER I

• Co-curricular Course (CC)

All BSc semester I students must select one CC. The following CC courses will be offered by the college:

Sr. No.	Course Code	Name of Course	Can be selected by
1.		National Service Scheme (NSS)*	
2.	BCC1P01	Games and Sports Activities	Student selecting any Major
3.		Cultural Activities	

TABLE 6: CC BASKET FOR SEMESTER I

* Since NSS follows an annual calendar, the CC Marks can be claimed under any ONE of the two semesters for the academic year depending upon the availability of full assessment data of the student. Thus, NSS CC marks will be allotted during the CC falling in EVEN SEMESTERS. This also means that the NSS cadet must participate in any other activity from the basket i.e. from GAMES AND SPORTS or CULTURAL ACTIVITY simultaneously for claiming CC marks for a specific ODD semester.

For further information about the NEP guidelines, kindly refer

https://nagpuruniversity.ac.in/writereaddata/fckimagefile/BSc%20proposed%20course,%20guide lines,%20scheme%20and%20syllabus_compressed.pdf and https://nagpuruniversity.ac.in/index.php/Contentpage/index/RWZ3MW8rNWFWdjVRWXc9PQ% 3D%3D/en

4. ELIGIBILITY FOR BSc SEMESTER I EXAMINATION

a. The candidate should have passed 12th Standard Examination of the Maharashtra State Board of Secondary and Higher Secondary Education/ CBSE/ ICSE, with English at Higher or Lower level and any Modern Indian Language at higher or lower level together with any three science subjects comprised in the Faculty of Science or an examination recognized as equivalent thereto in such subjects and with such standards of attainments as may be prescribed;

OR

- b. 12th Standard Examination of Maharashtra State Board of Secondary and Higher Secondary and offering Education in Vocational/Bi-focal Stream with one language only with any three science subjects comprised in the faculty of Science OR any other examination recognized as equivalent thereto in such subjects and with such standards of attainments as may be prescribed by Minimum Competency Vocational Courses (MCVC).
- c. Eligibility Criteria for BCA
 - The candidates must have qualified their 12th with a minimum score of 50% with any recognized board.
 - \circ The age of the candidates must be between 16-28 years at the time of admission.
 - \circ $\;$ The applicant can qualify the AICTE CET in order to get admission in BCA.

5. FEE STRUCTURE

The fee structure is subject to change as per government/ university decision from time to time. Every student who is admitted to the college is responsible for payment of tuition fees and other fees for the whole session irrespective of the date of his/ her admission or up to and inclusive of the month of leaving the college. The students desiring to leave the college in the middle of the session must intimate the principal accordingly in writing, otherwise the tuition fees will continue to be charged till the end of the session or the month of giving the intimation whichever is earlier. The detailed fee structure for Non-grant programs is given below:

Standard Fee (Details)

Session : 2024-2025

Course Name : BSC I YEAR (COMPUTER SCIENCE) (NON GRANT COURSE)

SR.NO.	FEE HEAD	GOI SC, ST	GOI OTHER	EBC	FULL FEE
1	TUITION FEE	0	0	0	9924
2	LABORATORY FEE	882	882	882	882
3	LIBRARY FEE	385	385	385	385
4	IDENTITY CARD FEE	26	26	26	26
5	GAMES, SPORTS & GYMKHANA FEE	385	385	385	385
6	COLLEGE MAGAZINE FEE	128	128	128	128
7	COLLEGE MAINTANANCE FEE	642	642	642	642
8	COLLEGE DEVELOPMENT FEE	770	770	770	770
9	ADMISSION FEE	128	128	128	128
10	STUDENTS AID FUND	107	107	107	107
11	STUDENT WELFARE FUND	5	5	5	5
12	STUDENTS MEDICAL AID FUND	5	5	5	5
13	UNIVERSITY ANNUAL FEE	161	161	161	161
14	UNIVERSITY STUDENTS UNION FEE	5	5	5	5
15	UNIVERSTIY GAMES FEE	32	32	32	32
16	INTER UNIVERSITY SPORTS & CULTURAL ACTIVITIES	32	32	32	32
17	E-SERVICE FEE	64	64	64	64
18	MEDICAL EXAM FEE	32	32	32	32
19	DISASTER MANAGEMENT CELL	13	13	13	13
20	UNIVERSITY ENROLMENT FEE	141	141	141	141
21	PHYSICAL EFFICIENCY TEST FEE	32	32	32	32
22	CAUTION MONEY	0	0	0	0
23	LIBRARY DEPOSIT	0	0	0	0
24	EXTRA CURRICULAR ACTV FEE	193	193	193	193
25	MIGRATION FEE OTHER BOARD/INI STUDENTS	0	0	0	0
26	EXCESS FEE	0	0	0	0
27	ENVIRONMENT SCIENCE FEE	0	0	0	0
28	UNIVERSITY EXAM FEE	0	0	0	0
29	UNIVERSITY STUDENT AID FUN	5	5	5	5
30	STUDENT INSURANCE FEE	40	40	40	40
31	STUDENT CYCLE STAND FEE	26	26	26	26
32	NATIONAL SERIVCE SCHEME FEE	13	13	13	13
33	MEDICAL TEST FORM FEE	5	5	5	5
34	CAREER KATTA	365	365	365	365
35	ENVIRONMENT FUND	100	100	100	100
	TOTAL FEE	4722	4722	4722	14646

Standard Fee (Details)

Session : 2024-2025

Course Name : BSC I YEAR (INFORMATION TECHNOLOGY) / BSC (DATA SCIENCE & AI) (NON GRANT)

SR.NO.	FEE HEAD	GOI SC, ST	FULL FEE
1	ADMISSION FEE	128	128
2	TUITION FEE	0	8916
3	LABORATORY FEE	9908	9908
4	LIBRARY FEE	385	385
5	GAMES, SPORTS & GYMKHANA FEE	385	385
6	COLLEGE MAGAZINE FEE	128	128
7	COLLEGE STUDENTS AID FUND	107	107
8	UNIVERSITY ANNUAL FEE	161	161
9	UNIVERSTIY SPORTS FUND	32	32
10	UNIVERSTIY ASHWAMEGH FUND	32	32
11	UNIVERSTIY MEDICAL AID FUND	5	5
12	UNIVERSTIY STUDENTS AID FUND	5	5
13	UNIVERSTIY STUDENT WELFARE FUND	5	5
14	UNIVERSTIY STUDENT INSURANCE FEE	40	40
15	UNIVERSTIY YOUTH FESTIVAL FEE	0	0
16	STUDENTS IDENTITY CARD FEE	26	26
17	ENROLLMENT FEE	141	141
18	UNIVERSITY STUDENTS UNION FEE	5	5
19	DISASTER MANAGEMENT CELL	13	13
20	COLLEGE MAINTENANCE FEE	642	642
21	COLLEGE EXAM FEE	200	200
22	COLLEGE DEVELOPMENT FEE	770	770
23	POSTAGE FEE	50	50
24	CYCLE STAND FEE	26	26
25	N.S.M. MAINTENANCE FUND	150	150
26	PARENTS TEACHERS ASSOCIATION FEE	50	50
27	E-SERVICE FEE	64	64
28	MEDICAL EXAM FEE	32	32
29	MEDICAL TEST FORM FEE	5	5
30	PHYSICAL EFFICIENCY FEE	32	32
31	CAUTION MONEY	0	0
32	LIBRARY DEPOSIT	0	0
33	EXTRA CURRICULAR ACTV FEE	193	193
34	INTER UNIVERSITY SPORTS & CULTURAL ACTIVITIES	0	0
35	EXCESS FEE	0	0
36	NATIONAL SERVICE SCHEME	13	13
37	CAREER KATTA	365	365
38	ENVIRONMENT FUND	100	100
	TOTAL FEE	14198	23114

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Standard Fee (Details)

Session : 2024-2025 Course Name : BCA **(AICTE Approved)**

SR.NO.	FEE HEAD	GOI SC, ST	FULL FEE
1	ADMISSION FEE	128	128
2	TUITION FEE	0	8916
3	LABORATORY FEE	9908	9908
4	LIBRARY FEE	385	385
5	GAMES, SPORTS & GYMKHANA FEE	385	385
6	COLLEGE MAGAZINE FEE	128	128
7	UNIVERSTIY SPORTS FUND	32	32
8	UNIVERSTIY ASHWAMEGH FUND	32	32
9	UNIVERSTIY STUDENT WELFARE FUND	5	5
10	UNIVERSTIY STUDENT INSURANCE FEE	40	40
11	STUDENTS IDENTITY CARD FEE	26	26
12	ENROLLMENT FEE	141	141
13	STUDENTS AID FUND	107	107
14	UNIVERSITY STUDENTS UNION FEE	5	5
15	DISASTER MANAGEMENT CELL	13	13
16	COLLEGE MAINTENANCE FEE	642	642
17	COLLEGE EXAM FEE	200	200
18	COLLEGE DEVELOPMENT FEE	770	770
19	POSTAGE FEE	50	50
20	CYCLE STAND FEE	26	26
21	N.S.M. MAINTENANCE FUND	150	150
22	PARENTS TEACHERS ASSOCIATION FEE	50	50
23	E-SERVICE FEE	64	64
24	UNIVERSTIY MEDICAL AID FUND	5	5
25	MEDICAL EXAM FEE	32	32
26	MEDICAL TEST FORM FEE	5	5
27	PHYSICAL EFFICIENCY FEE	32	32
28	CAUTION MONEY DEPOSIT	0	0
29	LIBRARY DEPOSIT	0	0
30	EXTRA CURRICULAR ACTV FEE	193	193
31	INTER UNIVERSITY SPORTS & CULTURAL ACTIVITIES	0	0
32	UNIVERSITY STUDENT AID FUND	5	5
33	EXCESS FEE	0	0
34	UNIVERSITY ANNUAL FEE	161	161
35	NSS FEE	13	13
36	CAREER KATTA	365	365
37	ENVIRONMENT FUND	100	100
	TOTAL FEE	14198	23114

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Standard Fees (Details)

SESSION:2024-2025 Course Name:BSC-I YEAR(MICROBIOLOGY)(NON GRANTCOURSE)

SR.NO.	FEE HEAD	GOI SC,ST	GOI OTHER	EBC	FULL FEE
1	ADMISSION FEE	128	128	128	128
2	TUITION FEE	0	0	0	9924
3	LABORATORY FEE	1323	1323	1323	1323
4	LIBRARY FEE	385	385	385	385
5	GAMES ,SPORTS & GYMKHANA FEE	385	385	385	385
6	COLLEGE MAGAZINE FEE	128	128	128	128
7	UNIVERSTIY GAMES FEE	32	32	32	32
8	UNIVERSITY STUDENTS MEDICAL AID FUND	5	5	5	5
9	STUDENTS IDENTITY CARD FEE	26	26	26	26
10	ENROLLMENT FEE	141	141	141	141
11	COLLEGE STUDENTS AID FUND	107	107	107	107
12	UNIVERSITY STUDENTS UNION FEE	5	5	5	5
13	DISASTER MANAGEMENT CELL	13	13	13	13
14	COLLEGE MAINTENENCE FEE	642	642	642	642
15	COLLEGE DEVELOPMENT FEE	770	770	770	770
16	E-SERVICE FEE	64	64	64	64
17	MEDICAL EXAM FEE	32	32	32	32
18	PHYSICAL EFFICIENCY TEST FEE	32	32	32	32
19	CAUTION MONEY	0	0	0	0
20	LIBRARY DEPOSIT	0	0	0	0
21	EXTRA CURRICULAR ACTV FEE	193	193	193	193
22	INTER UNIVERSITY SPORTS & CULTURAL ACTIVITIES	32	32	32	32
23	EXCESS FEE	0	0	0	0
24	STUDENT INSURANCE FEE	40	40	40	40
25	CYCLE STAND FEE	26	26	26	26
26	UNIVERSITY ANNUAL FEE	161	161	161	161
27	MEDICAL TEST FORM FEE	5	5	5	5
28	UNIVERSITY STUDENT WELFARE FUND	5	5	5	5
29	UNIVERSITY STUDENT AID FUND	5	5	5	5
30	NATIONAL SERVICE SCHEME FEE	13	13	13	13 🛁
31	ENVIRONMENT SCIENCE FEE	100	100	100	100 У

32	CAREER KATTA	365	365	365	365
	TOTAL FEE	5163	5163	5163	15087

6. REFUND OF DEPOSIT

Caution money and library deposits of the students will not be refunded if their names are on the college roll. The student should apply for a refund to the principal after getting it countersigned by his/ her parents or guardian. All such applications will be considered after 1st August. The amount to be refunded will be decided after deducting all uncleared dues. Caution money and library deposit due for refund if not claimed within three years, will not be refunded.

7. FEES FOR COLLEGE LEAVING AND OTHER CERTIFICATES

- a. No fees will be charged for a college leaving certificate, if asked by the student within a year from the date of leaving the college or from the date of the result of the university examination for which the student appeared from the college. After this period a fee of ₹ 100/- will be charged for every subsequent year subject to a maximum of ₹ 500/-.
- b. The fees as shown below will be charged for each of the following certificates:

(i) Bona fide certificate	₹ 50/-
(ii) Attempt certificate of each examination	₹ 50/-
(iii) Date of birth certificate (as per available record)	₹ 50/-
(iv) Any other certificate	₹ 50/-

- c. Attested copies of the certificate submitted by the student at the time of admission will be issued on payment of ₹ 5/- for each certificate submitted.
- d. The student requiring a second copy of the college leaving certificate should state in writing as to what happened to the original certificate and why a second copy is required. He/ She will have to make an affidavit before a stipendiary magistrate in case the reasons given by the student are not found satisfactory. The student will have to pay fees of ₹ 100/- only for second copy. There is no provision of issue of college leaving certificate for third time.

8. SHORT TERM COURSES (STC)

Every year, the college conducts a one-week short term course for the students of semester I. This STC ensures that students gain the ability to exercise contemporary scientific knowledge in small, medium scale industry and service industry. Personality development program ascertains to inculcate the skill set in students to behave and become acceptable as an important contributor to the society. Soft skill training offers many benefits like- development of presentation skill, leadership skill, creativity, efficiency and teamwork. Students should understand the importance of ethical behavior and incorporate the same in their day to day working for which student will pay a nominal fee of ₹ 600/- at the time of admission for the complete short-term course.

Short Term Courses (STC)/ Government Certified Courses

Sr.No	Course Name	Duration
1.	Web Page Designing(HTML/CSS & Bootstrap	30 Hrs
2.	Python Under MSME	30 Hrs
3.	Web Development(Javascript & Jquery)	30 Hrs
4.	Essential of Java	30 Hrs
5.	Digital Marketing	30 Hrs
6.	РНР	30 Hrs
7.	IIT Bombay (Spoken Tutorial)	30 Hrs
8.	Entrepreneurship Skill Development courses	30 Hrs

9. CAREER KATTA

Career Katta is an initiative of Department of Higher and Technical Education, Govt. of Maharashtra in coordination with Maharashtra Information Technology Support Centre. Under the Career Katta, the college will continue conducting various activities to guide students about career, competitive examinations (UPSC, MPSC, Banking, SSB, SSC, Police, LIC, etc.), entrepreneurship, skill development, credit earnings under new CBCS and NEP Curriculum Framework, internship, and placement opportunities, etc.

Eligibility to join: any student admitted for any regular course in the college or college alumni referred by the college Coordinator.

Registration Fees: a one-time fee of \gtrless 365/- for a three-year degree period (\gtrless 0.36 per day), which will be reimbursed in the form of subsidy on examination charges of CBCS. This fee includes free access to all the activities, courses, resources related to state level competitive exams, etc.

How to Register: download the MITSC application from Google Play Store or click on link <u>https://play.google.com/store/apps/details?id=com.mitsc1&pcampaignid=web_share</u> and pay fees using any online payment mode.

College Code: A390

Contact: For more details visit college webpage <u>https://mohotasci.edu.in/</u> or contact Coordinators Dr. Sanjeevani Jawadand (9168043470) or Dr. Ashwini Bodhane (7517733194) or Career Katta Helpline number 75076 52555.

10. ACADEMIC BANK OF CREDIT (ABC)

After completing admission to BSc Semester I in college, it's **mandatory for all students to create an ID on ABC.** Download digilocker from Google Play Store. For more details, students may contact Prof. S.K. Giri in the Botany Department.

11. ATTENDANCE

- a. According to the NEP 2020 guidelines received from RTM Nagpur University, Nagpur one of the parameters of **continuous internal evaluation** is attendance and **05 marks are allotted** to it.
- b. To qualify as candidate for university examinations, every student as a rule must attend not less than 75% of the lectures and practical delivered in every month in each of their subject of study. It will entirely be the responsibility of the students to keep up regular attendance. If the attendance is less than 75%, the name of each defaulter will be removed from the rolls. Fine of ₹ 20/- per day will be imposed on the student who remains absent from the college without permission.
- c. Applications submitted for the purpose of leave should be countersigned by the parent or guardian. Medical leave applications should be accompanied by a medical certificate.
- d. All applications for leave must be submitted within seven days from the last day of the leave period. Applications received later than this will not be considered at all.
- e. Leaves or absenteeism will be entirely at the student's own risk and a certificate of any kind will not condone a deficiency in attendance required by the university.
- f. The students getting scholarship or freeship are further warned that their scholarships or freeships will entirely depend on their regular attendance & satisfactory progress in studies. If a student belonging to aforesaid categories fails to put in 75% attendance, he/she will have to pay full fees irrespective of the ground of absence.
- g. Absence without leave from a college examination will entail a fine of ₹ 20/- per paper to a maximum of ₹ 100/- for one examination.

12. PARENT-TEACHERS MEETING

The college values the opinion of the parents and guardian and keep them informed about the development of their ward. Thus, in each session two parent-teachers meetings will be held in the months of August and October (session I) and in February and April (session II), tentatively.

13. MEDICAL EXAMINATION AND PHYSICAL TEST

- a. Every student enrolled in the college according to the university rules, must present himself/ herself for medical inspection before the medical officer appointed by the college on such date as may be fixed by the medical officer in consultation with principal. The medical inspection of the students will be held in the premises of the college once in each academic year.
- b. A student who remains absent from medical examination and physical test at the appointed date and time without any sufficient cause shall be liable to pay to the college an extra medical examination fees of ₹ 100/- or such smaller amount as the principal may fix before he is examined.

- c. If a student fails to present himself/ herself for medical inspection without sufficient cause even after repeated opportunities, he/ she will have to pay fine of ₹ 100/- only.
- d. All the students admitted to college shall present themselves for physical efficiency test before the committee of examiners on such dates and at such time as may be fixed by the principal. Those who have joined Ranger & Rover (Scouts & Guides) may present themselves for physical efficiency test if they so desire. If a student fails to present himself for physical efficiency test without sufficient cause, he will be fined ₹ 100/-.

14. PHYSICAL EDUCATION

All students who opt for physical training shall attend the physical training period thrice a week in the prescribed uniform. They shall attend a minimum of 60 periods in a session. The classes will be held as per university and government instructions.

15. RULES OF CONDUCT FOR STUDENTS

- a. All the students at the college should observe the rules of conduct framed by the college from time to time. Every day the students must attend the college in proper uniform.
- b. The students are directly answerable to discipline committee and the principal for their behaviour in general both inside and outside the college.
- c. The students should behave respectfully with their teachers and politely with their fellow students. Any act of ragging, disobedience, improper and discourteous exchange of words, use of indecent language or the passing of obscene remarks especially at the girl students is a punishable offence and will be viewed seriously.
- d. Smoking and chewing tobacco in classroom or college premises is strictly prohibited.
- e. Students should follow the dress code strictly.
- f. The use of mobile phone in college premises is strictly prohibited unless it is required for teachinglearning. If it is used in college premises a fine of ₹ 500/- will be imposed.
- g. Any change either in the local or permanent address of the student should be informed to the admission clerk so that regular contact with the student, parent or guardian is not hampered.
- h. No student shall directly send anything concerned with the college for publication either to press or elsewhere without the prior approval and the necessary permission from the principal of the college, nor shall approach the president or the College Development Committee (CDC) members except through the college principal. Any breach of the rule may lead to outright expulsion of the student from the college.
- i. The students should read the notice board daily for various notices that may be put from time to time and will leave the college premises as soon as their classes are over. No student shall bring any companion with him/ her who is not a student at this college.
- j. No excursions or tours shall be arranged by the students without the prior written permission of the principal. The attention of the parents/guardians is especially invited to the fact that they should not permit their sons/daughters/wards to take part in the tour unless they confirm about the permission accorded by the principal.
- k. There shall be no social gathering, association, or committees of any sort in the college.
- I. The student shall also not invite guests or arrange their lectures on their own initiative.
- m. The students remaining absent without prior intimation in writing, are liable to be fined.

- n. The principal reserves the right to remove from the college roll, the name of any student for conduct which in the opinion of principal is unsatisfactory. A student or students may be expelled from the college for any act of indiscipline.
- o. Students must pay the college dues else they will not get their clearance.
- p. The student must come up to the academic standard (progress and attendance).
- q. Students shall observe all safety precautions. The college is not responsible for accidents of whatever nature in the college, laboratory, playground and during study tours.
- r. Students should also check the college website for regular updates.

Code of conduct is also available on the website:

http://mohotasci.edu.in/wp- content/uploads/2020/12/Code-of-conduct-for-students.pdf

The decision of the principal shall be final and binding in the matters pertaining to discipline and penalties imposed on those breaking the rules and undermining discipline in the college.

16. STUDENT SUPPORT AND PROGRESSION

For establishing regular communication and guiding student, mentor-mentee scheme is functional in the college. Apart from this, various schemes, cells, and committees are also established by the college for facilitating support to the students.

Schemes initiated uniquely by the college include the following:

- Institutional scholarship for students
- Institutional welfare fund
- Institutional prizes for subject toppers
- Student endowment policy
- Cycle bank scheme

Some of the cells and committees working for holistic development of the students and for imbibing discipline, morals, and values among them include:

- Career counselling and guidance
- Training and placement
- Competitive exam guidance
- Student clubs
- Women's Cell
- Anti-ragging committee
- Grievance redressal committee
- Cultural committee

The details of these are available on the college website.

• Institutional Prizes

Philanthropists and former staff members have generously donated funds for the institutional prizes. These are awarded to students based on the criteria put forth by the donor. The following prizes are awarded to the students:

- 1. 'Late Kumari Mandakini Bhurley Memorial Prize' and 'Sushila Naidu Memorial Prize' for obtaining the highest number of marks at the Final BSc Examination.
- 2. 'Late S. S. Purohit Memorial Prize' and 'Professor S. S. Khot Memorial Prize' for obtaining the highest number of marks in Geology at the Final BSc Examination.
- 3. 'Shri P. W. Mokashi and Late V. L. Mutatkar Prize' for obtaining the highest number of marks in Mathematics at the Final BSc Examination.
- 4. 'Shri S. L. Shinde Memorial Prize' and 'Late Principal M. J. Pahade Memorial Prize' for obtaining the highest number of marks in Botany at the Final BSc Examination.
- 5. 'Murkute Memorial Prize' and 'Wamanrao & Umabai Vaidya Memorial Prize' for obtaining the highest number of marks in Chemistry at the Final BSc Examination.
- 6. 'Late R. P. Chitale Memorial Prize' for obtaining the second highest number of marks in Chemistry at Final BSc Examination.
- 7. 'Bapurao Maharaj Khatkhedkar Memorial Prize' for obtaining the highest number of marks in Physics at Final BSc Examination.
- 8. 'Late Smt. Umabai Nilkanth Deshpande memorial scholarship/ prize' for poor and needy student of Non-Teaching Employee admitted in Junior/ Senior College.
- 9. 'Late Kashibai Murhar Memorial Prize' for obtaining the highest number of marks in Zoology at the Final BSc Examination.
- 10. 'Late Vijendra Vinayak Pande Memorial Scholarship/Freeship to the ward of Non-Teaching Employee admitted in Junior/ Senior College.'
- 11. 'Late Smt. Indumati Naidu Memorial Prize' for obtaining the highest number of marks in Electronics.
- 12. 'Late Smt. P. S. Jodh memorial Prize' for obtaining highest marks in Chemistry subject of BSc to one topper amongst girls & one topper amongst boys.
- 13. 'Late Smt. P. S. Jodh memorial Prize' for obtaining highest number of marks in MSc II, topper student in subject chemistry.

Anti-ragging committee

What is ragging?

- 1. Any disorderly conduct whether by words spoken or written or by an act which has the effect of teasing, treating, or handling with rudeness a fresher or a junior student.
- 2. Indulging in a rowdy or undisciplined activities which causes or is likely to cause annoyance, hardship, or psychological harm or to raise fear or apprehension thereof in a fresher or a junior student.
- 3. Asking the students to do any act or perform something which such student will not do in the ordinary course and which has the effect of causing or generating a sense of shame or embarrassment to adversely affect the physique or psyche of a fresher or a junior student.

UGC has notified the anti-ragging regulations on curbing via 'Curbing the Menace of Ragging in Higher Educational Institutions, 2009'. A nationwide toll free 24x7 anti ragging helpline 1800-180-5522 in 12 languages has been established which can be accessed by students in distress owing to ragging related incidents. UGC has developed the anti-ragging website i.e. <u>www.antiragging.in</u>. The portal contains record of registered complaints received and the status of the action taken thereon.

The senior students are advised to refrain themselves from any act of ragging. If the students feel that they are being ragged, they should kindly report the matter to the anti-ragging committee or principal or vice-principal.

An undertaking is to be mandatorily given by all students during admission, as directed by UGC. The link for this undertaking is <u>https://antiragging.in/affidavit_registration_disclaimer.html</u>.

17. GOI SCHOLARSHIPS AND FREESHIPS

The scholarships are awarded to students as per government rules. Refer the Government Resolution (GR) of Government of Maharashtra of 22 March 2021, where the parent's income limit has been raised by lakh to 1.5 lakh for the admissible category students (OBC / SBC / NT). Students can also contact the scholarship in-charge clerk Mrs. Durga Thakre in the office in case of any doubt.



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