



**Nagpur Shikshan Mandal's**  
**SHRI MATHURADAS MOHOTA COLLEGE OF SCIENCE**  
**MANAGING COMMITTEE**

No.	Name of the Members	Designation
01	Er. Shri Ashok Kumar Ratanlal Gandhi .....	President
02	Er. Shri Ramesh Bhaskar Khanzode .....	Vice President
03	Dr. Harish Narayandas Rathi. ....	Secretary
04	Shri Mathuradas Panpaliya .....	Member
05	Adv. Rajiv Sakharam Deo .....	Member
06	Er. Mohit Shah .....	Member
07	Adv. Rajendra J. Rathi .....	Member
08	Dr. Mrs. Vibhavari Dani .....	Member
09	Shri Brijkishor Bagri .....	Member

**COLLEGE DEVELOPMENT COMMITTEE**

01	Shri A. K. Gandhi .....	Chairman
02	Dr. H. N. Rathi .....	Member
03	Shri M. S. Shah .....	Member
04	Dr. N. K. Panpaliya .....	Member
05	Adv. Shri R. S. Deo .....	Member
06	CA Smt. P. D. Rathi .....	Member (Alumnus)
07	Dr. A. A. Fulzele .....	Member
08	Dr. S. G. Goswami .....	Teacher's Representative
09	Dr. R. R. Gupta .....	Teacher's Representative
10	Shri S. T. Rathod .....	Teacher's Representative
11	Shri P. B. Dandewar .....	Non teaching Employees Representative
12	Dr. (Mrs.) R. S. Saha .....	Member (IQAC)
13	Dr. S. G. Charalwar .....	Secretary

**Prospectus 2019-2020**

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**SHRIM. M. COLLEGE OF SCIENCE, NAGPUR**  
**LIST OF TEACHING STAFF**  
**2019-20**  
**(SENIOR COLLEGE)**

**DEGREE COLLEGE (2019-20)****PHYSICS :**

Name of Faculty	Qualification	Designation	Area of research
Dr. M. S. Atone	M.Sc. Ph. D.	Head & Associate Professor	Solid State Physics
Dr. J. N. Ramteke	M.Sc. Ph. D.	Associate Professor	Acoustics
Dr. V. V. Soman	M.Sc. Ph. D.	Associate Professor	Solid State Physics
Dr. D. V. Nandanwar	M.Sc. NET Ph. D.	Associate Professor	Solid State Physics
Dr. S. G. Goswami	M.Sc.B Ed Ph. D.	Associate Professor	Acoustics

**CHEMISTRY :**

Name of Faculty	Qualification	Designation	Area of Research
Dr. M. G. Dhonde	M.Sc. SET.Ph. D.	Head & Associate Professor	Organic Chemistry
Dr. (Mrs.) R. R. Gupta	M.Sc. Ph. D.	Associate Professor	Inorganic Chemistry
Dr. C. B. Talwatkar	M.Sc. Ph. D.	Associate Professor	Inorganic Chemistry

**MATHEMATICS:**

Name of Faculty	Qualification	Designation	Area of research
Mr. Satish T. Rathod	M.Sc., M.Phil	Head & Assistant Professor	Relativity

**BOTANY:**

Name of Faculty	Qualification	Designation	Area of research
Dr. Ashwajit A. Fulzele	M.Sc., NET, Ph.D.	Head & Associate Professor	Mycology and Plant Pathology
Dr. Surendra K. Giri	M. Sc., B. Ed., Ph. D.	Associate Professor	Phycology
Dr. (Mrs.) Archana M. Sawane	M. Sc., B. Ed., Ph.D.	Associate Professor	Palynology
Ms. Shamali D. Khalatkar	M. Sc., NET	Assistant Professor	Plant Molecular Biology and Biotechnology

**ZOOLOGY:**

Name of Faculty	Qualification	Designation	Area of research
Dr. (Mrs.) U. R. Sonparote	M.Sc., Ph.D.	Head and Assistant Professor	Fisheries, Endocrinology
Dr. P. U. Gajbe	M.Sc., Ph.D., NET, SET	Associate Professor	Entomology
Dr. (Mrs.) R. S. Saha	M.Sc., B. Ed M. Phil Ph.D.	Assistant Professor & Vice Principal	Entomology & Envr. Toxicology
Dr. N. V. Palande	M.Sc., Ph.D., NET	Assistant Professor	Neurobiology, Molecular Biology

**GEOLOGY:**

Name of Faculty	Qualification	Designation	Area of research
Dr.S.P.Joshi	M. Sc. (Tech), Ph.D	Associate Professor	Hydrogeology
Dr.M.B. Bhagat	M. Sc. (Tech), Ph.D	Associate Professor	Micropaleontology

**ELECTRONICS :**

Name of Faculty	Qualification	Designation	Area of research
Dr. Nilesh D. Meshram	M. Sc., Ph.D., SET	Head & Assistant Professor	Biomedical Instrumentation

**LANGUAGE :**

Name of Faculty	Qualification	Designation	Area of research
Dr. J. A. Janbandhu	M. A., NET, SET, Ph. D.	Head & Associate Professor	Jewish American Literature

**LIBRARY:**

Name of Faculty	Qualification	Designation	Specialization
Dr. E.B. Raut	M.L.I.Sc., M.A.(Eco.), M.Com., Ph.D., NET (Library Science and Commerce)	Librarian (Associate Professor)	Library Science

**SPORTS AND PHYSICAL EDUCATION:**

Name of Faculty	Qualification	Designation	Specialization
Dr. S. S. Bhosale	M.P. Ed.Ph.D	Assistant Director, Sports	Physical Education

**SHRIM. M. COLLEGE OF SCIENCE, NAGPUR**  
**LIST OF NON-TEACHING STAFF**  
**2019-20**  
**(SENIOR COLLEGE)**

**OFFICE**

1. Shri S. K. Dhote	- Superintendent
2. Smt. M. H. Marbade	- Sr. Clerk
3. Ku. D. M. Thakre	- Sr. Clerk
4. Ku. L.K. Kherkar	- Jr. Clerk
5. Shri A. K. Borade	- Lab. Att.
6. Shri C. N. Nilatkar	- Lab. Att.
7. Shri S. S. Dabhnekar	- Lab. Att.
8. Smt. S. Y. Algiwale	- Lab. Att.
9. Shri R. G. Dharmik	- Lab. Att.
10. Shri M. P. Uikey	- Lab. Att.
11. Shri A. S. Kholkute	- Peon
12. Shri R. S. Badghuye	- Night Watchman
13. Ku. V. N. Parlewar	- Peon
14. Smt. M. S. Bhalawe	-Sweeper
15. Shri S. K. Bhoyar	- Peon

**LIBRARY**

1. Shri V. K. Tandulkar	- Lib. Att.
2. Shri T. N. Rambhad	- Lib. Att.
3. Smt. V. C. Vaidya	- Lib. Att.

**PHYSICS**

1. Shri N. P. Chaple	- Lab. Asstt.
2. Shri N. L. Waghade	- Lab. Att.
3. Shri V. B. Kumre	- Lab. Att.
4. Shri S. W. Akotkar	- Lab. Att.
5. Shri R. S. Kale	- Lab. Att.
6. Shri M. L. Chauhan	- Lab. Att.
7. Shri D. L. Kolhe	- Lab. Att.

**CHEMISTRY**

1. Shri K. D. Tambde	- Lab. Att.
2. Shri R. M. Thakre	- Lab. Att.
3. Shri S. V. Raut	- Lab. Att.
4. Shri S. S. Gaikwad	- Lab. Att.
5. Shri M. R. Gaikwad	- Lab. Att.
6. Shri B. S. Hate	- Lab. Att.
7. Shri P. B. Dandewar	- Lab. Att.

**BOTANY**

1. Shri D. G. Dharpode	- Lab. Att.
2. Shri R. R. Khare	- Lab. Att.
3. Shri G. K. Dhone	- Lab. Att.
4. Ms. M. D. Wakde	- Lab. Att.

**GEOLOGY**

1. Shri W. B. Jambutkar	- Lab. Att.
2. Shri A. M. Mungse	- Lab. Att.
3. Shri R. R. Gandhi	- Lab. Att.

**ZOOLOGY**

1. Shri V. M. Mundhada	- Lab Att.
2. Shri G. H. Deshmukh	- Lab. Att.
3. Shri A. P. Waghade	- Lab Att.
4. Shri P. S. Bagde	- Lab Att.

**ELECTRONICS**

1. Shri R. W. Kamble	
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**SKILL DEVELOPMENT CELL****MULTI SKILL PROGRAMME**

Short term certificate (S.T.C.) courses programme ensures that students gain ability to exercise contemporary scientific knowledge in small, medium scale industry and service industry.

Personality development programme 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 team work. Students should understand the importance of ethical behavior and incorporate the same in their day to day working.

<b>Group A Personality &amp; soft skill development</b>	<b>Group B ( CBZG) Vocational Training program of related subject</b>	<b>Group M (PMGECSIC) Vocational Training program of related subject</b>
Functional English Incharge (Dr. J. A. Janbandhu)	Mushroom cultivation Incharge (Dr. A. A. Fulzele)	Noise pollution and it's control Incharge Dr. J. N. Ramteke
Legal awareness and social ethics Incharge (Dr. S. G. Goswami)	Sericulture Incharge (Dr. Mrs. U.R. Sonparate)	Water and soil analysis Dr. (Mrs.) R. R. Gupta
Introduction to women's reproductive health and hygiene Incharge (Dr. R. S. Saha)	Elementary idea about ground water exploration Incharge Dr. M. B. Bhagat and Dr. S. P. Joshi	Printed Circuit board design Printed Circuit Board design Incharge Dr. N. D. Meshram
Yoga & fitness Incharge (Dr. S. S. Bhosale)		Computer Fundamentals Incharge Dr. D. V. Nandanwar

Group A is common for all the students.

The students who have opted for Biology Group can select any of the S.T.C. courses from **Group B** & those who have opted Mathematics, Physics as one of their paper can select a course from Group M.

A Very Nominal Fees for Every Programme is Rs. 250/-

In charge  
Principal

Vice Principals  
**Dr. Mrs. R.S. Saha &**  
**All the Subject coordinators**

## ABOUT THE COLLEGE

Shri Mathuradas Mohota College of Science, Nagpur run by Nagpur Shikshan Mandal was (NSM) established in 1949 and is one of the reputed and prestigious organizations in Nagpur. The college is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur since 1967-68. The college offers basic programmes with wide academic flexibility of subject combinations at undergraduate level in Science faculty. The college is amongst top college in central India. The college is now reaccredited by NAAC with A grade in III<sup>rd</sup> cycle.

The college imparts science education to the students who come from urban as well as rural areas in Vidarbha and from states around Maharashtra. The college provides safe and conducive atmosphere with excellent teaching learning facility. The management of the college with the assistance of the faculty and supporting staff is committed to the progress of the college.

The teaching faculty of the college is well qualified and are carrying out good quality research as well. The management of the college is always positively inclined towards quality of education and research. The college has collaborated with other institutes in India and abroad for organizing international conferences. In the last few years, we have also efficiently organized seminars and workshops for the academic upliftment of the faculty.

Recently, Chemistry and Physics laboratories have been recognized as “**Place for Higher Learning and Research**” by R. T. M. Nagpur University, Nagpur. Major and minor research projects have been sanctioned to the faculty members by various funding agencies.

The college has made further progress as regards the academic, co-curricular and extracurricular activities. The students of the college have received accolades and brought laurels by representing the university at various national and international level cultural events. In addition to undergraduate courses, the college also offers postgraduate courses in Chemistry, Mathematics, Physics, Botany and Zoology. The college has initiated career oriented programmes and short term certificate courses as well.

Our management, teaching faculty and the supporting staff strives for all-round development of the students. We continuously try to recognize and unfold the talent of the students by giving them the required assistance and most needed environment for transforming a person into personality.

### Some Sailable Features

\* To create healthy and physically fit body to students, our college provides opportunity to participate in variety of sports and aquatics where students can show their talent and calibre.

This year our college organized Inter college Swimming competitions and our college received champions trophy out of 97 colleges.

- Soham Rokde won I Gold Medal Inter Collegiate Swimming Competition.
- Aman Sakore won II Gold Medal Inter Collegiate Swimming Competition.
- Lokesh Gabhne won I Gold Medal Inter Collegiate Swimming Competition.
- Kunal Pawar won I Gold Medal Inter Collegiate swimming Competition.
- Ashutosh Bawane won I Gold Medal Inter Collegiate Athletics Competition.
- Ankita Gajbhe won I Gold Medal Inter Collegiate Yoga Competition.
- Shreya Ailwar won I Gold Medal Inter Collegiate Fencing Competition.

Other than these sports Dept. of our college organized Iner college Volly ball, Kabaddi, Swimming, Diving and water polo tournament.

Nagpur Shikshan Mandal's  
**Shri Mathuradas Mohota College of Science**  
**Nagpur**  
**Senior College**  
**(Grant in Aid)**

Phone: 0712-2744992, Fax No. 0712-2744992  
Website: www.mohotasci.edu.in, E-mail : mohotacollege@yahoo.co.in

**PROSPECTUS FOR 2019-2020**

**1. COLLEGE SESSION :**

The college will re-open on Saturday, the 15<sup>th</sup> June, 2019 at 11.00 a.m.

**2. ADMISSION :**

- (i) A candidate has to submit the application form duly signed by his parent / guardian. The candidate should fill up the form in his / her handwriting only. Prospectus obtainable from the college office on payment of Rs. 100/ only.
- (ii) Every student willing to join the college for the session 2019-20 will have to join some Unit of National Cadet Corps or N. S. S. conducted by the College. No exemption will be allowed.
- (iii) Application form should be accompanied by -
  - (a) Rs. 30/- Registration (Non refundable).
  - (b) Certified copy of Leaving Certificate from the school or Transfer and Attendance Certificate from the college last attended.
  - (c) As per the ordinance No.2 of R.T.M. Nagpur University Nagpur for admission to a college, the student shall produce the original school leaving College Leaving certificate, as the case may be, signed by the Head of the Institution/College last attended.
  - (d) A photo copy of statement of marks obtained by the candidate in the last examination passed by him/her duly certified by a gazetted officer or the Head of a recognised institution.
  - (e) Character Certificate from the Head master / principal of the school / college last attended.
  - (f) Caste Certificate (for students belonging to S.C., S.T., N.T./V.J., O.B.C. and special backward class categories)
  - (g) 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.
  - (h) Migration Certificate in the case of students who have passed their last qualifying examination of a University or a Board other than Nagpur university or Maharashtra State Board of Secondary and Higher Secondary Education & Eligibility Certificate from Nagpur University.
  - (i) Income Certificate from Gazetted Officer of State Government for students who wish to claim freeship/ scholarship.



The originals of these documents must be produced at the time of 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. The original mark list will however be returned after verification immediately at the time of admission. Please do not submit original marklist.

The reservation of seats for backward class & physically handicapped students will be made as per the University directives.

If the factual information has been suppressed in the application form and it comes to the notice of the college after admission at any time, he/she will be liable to expulsion besides other action as may be deemed fit.

### 3. (A) B. Sc. Semester Pattern: Semester - I

- 1) Compulsory English, Marathi/Hindi/Supplementary English, Chemistry, Geology, Physics (**G1**)
- 2) Compulsory English, Marathi/Hindi/Supplementary English, Chemistry, Geology, Maths (**G2**)
- 3) Compulsory English, Marathi/Hindi/Supplementary English, Chemistry, Botany, Geology (**G3**)
- 4) Compulsory English, Marathi/Hindi/Supplementary English, Chemistry, Zoology, Geology (**G4**)
- 5) Compulsory English, Marathi / Hindi / Suppl. English, Chemistry, Botany, Industrial Chemistry (**Non Grant**) **IcB**
- 6) Compulsory English, Marathi/Hindi/Suppl. English, Chemistry, Mathematics, Industrial Chemistry (**Non Grant**) **IcM**
- 7) Compulsory English, Marathi/Hindi/Suppl. English, Physics, Computer Science, Maths (**CS**) (**Non Grant**)
- 8) Compulsory English, Marathi/Hindi/Supplementary English, Physics, Chemistry, Maths (**PCM**)
- 9) Compulsory English, Marathi/Hindi/Supplementary English, Chemistry, Botany, Zoology (**CBZ**)
- 10) Compulsory English, Marathi/Hindi/Supplementary English, Physics, Electronics, Maths (**PEM**)

**Note :** Students passing Secondary Examination of the Board with Physics, Chemistry, Mathematics and Biology can offer any one of the above mentioned combinations. However, students passing Higher Secondary Examination without offering the subject Mathematics, can only opt any one of the four groups viz. 1, 5, 6, 8 and 9 mentioned above. They cannot offer 2, 3, 4, 7 and 10. Application form for each combination to be filled in separately.

#### M.Sc. I and II ( Non Grant)

M.Sc. (Chemistry), M.Sc. (Physics), M.Sc. (Mathematics), M.Sc. (Botany), M.Sc. (Zoology)

**M.Sc. (Mathematics)** - B.Sc. Degree of R.T.M. Nagpur University or any other statutory university with Mathematics as one of the subjects. (As per the RTM Nagpur university Admn. rule)

Core Elective paper for Semester III : General relativity

Core Elective paper for Semester IV : 1) Cosmology 2) operation research

**M.Sc. (Chemistry)** - B.Sc. Degree of R.T.M. Nagpur University or any other statutory university with Chemistry as one of the subjects. (As per the RTM Nagpur university Admn. rule)

Core Elective paper III : Medicinal Chemistry

Core Elective paper for Semester IV Medicinal Chemistry

**M.Sc. (Physics)** - As per the RTM Nagpur University admission rule.

Core Elective paper for Semester: III Nano Science and Nano technology

Core Elective paper for Semester : IV Electro-Acoustics

**M.Sc. (Botany)** - As per the RTM Nagpur University admission rule.

Core Elective paper: Mycology and Plant pathology  
Semester III Core Subject centric Aesthetic botany  
Semester IV Core subject centric: Plant resources  
Core Elective paper for Semester

**M.Sc. (Zoology)** - As per the RTM Nagpur University admission rule. Core Elective paper:

Semester III : Entomology - I, Entomology - II, Semester IV - Entomology - III, Entomology - IV

\* Subject to the grant of confirmation of continuation of affiliation by RTM Nagpur University.

#### **POST GRADUATE COURSES M.Sc. :**

Name of Subject	Name of Coordinator
1) Chemistry	Co-ordinator
2) Physics	Dr. J. N. Ramteke
3) Mathematics	Shri S. T. Rathod
4) Botany	Dr. A. A. Fulzele
5) Zoology	Dr. P. U. Gajbe
<b>Incharge Coordinator of All Subject</b>	<b>Dr. Mrs. R. S. Saha</b>

**COMPUTER SCIENCE: (NON GRANT)** Coordinator Dr. D.V. Nandanwar

**INDUSTRIAL CHEMISTRY: (NON GRANT)** Coordinator Shri K. S. Wandhe

#### **4. ELIGIBILITY CRITERIA :**

##### **A) B.Sc. Semester I , II**

For admission to Semester I and II the student should have passed Higher Secondary (Class XII) Examination of the Maharashtra State Board of Secondary and Higher Secondary Education or an Examination recognised by Nagpur University as equivalent thereto.

##### **(B) B.Sc. Semester III , IV**

For admission to Semester III and IV the student should have passed Semester I and II examination of RTM Nagpur University or an examination recognized by it as equivalent thereto as per ATKTK rule.

##### **(C) B.Sc. Semester V , VI**

For admission to Semester V and VI the student must have cleared all subjects of Semester I and II Examination of RTM Nagpur University or an examination recognized by it as equivalent thereto. ATKTK rules are applied for Semester III and IV.

#### **ELIGIBILITY CRITERIA for M.Sc.**

##### **5. MODE OF ADMISSION :**

- (I) List of students provisionally selected for admission will be put on the College Notice Board from time to time after the expiry of last date for submission of application form for admission, such students will produce the original of School / College Leaving Certificate and Marklist of the last examination passed and also pay requisite fees before the prescribed date. In case of failure to do so the applicants will loose their claim for admission. In no case the students will be informed about their admission to college by post. The applicants are therefore, advised to see the Notice Board everyday. No admission is allowed on Duplicate college leaving certificate (As a special case if admitted on Duplicate college leaving certificate such students will have to pay full fees.)

**6. PAYMENT OF FEES****(i) B.Sc. (Grant in Aid)**

The student admitted to the College will have to pay fees as mentioned below before the prescribed date at the time of admission.

	Full Fees	E.B.C. & P.T.C. SSC DEd	G.O.I., O.B.C. Scholarship
<b>COLLEGE FEES</b>			
1. Tuition Fee	₹ 800/-	—	—
2. Laboratory Fee	₹ 600/-	600	—
3. Identity Card Fee	₹ 50/-	50/-	50/-
4. Library Fee	₹ 200/-	200	—
5. Games, sports & Gymkhana Fee ---	₹ 240/-	240/-	240/-
6. College Magazine Fee	₹ 100/-	100/-	100/-
7. College Examination Fee --	₹ 200/-	200/-	200/-
8. Postage Fee	₹ 50/-	50/-	50/-
9. Cycle Stand Fee	₹ 150/-	150/-	150/-
10. College Development Fund	₹ 400/-	400/-	400/-
11. N.S.M. Maintenance Fund	₹ 150/-	150/-	150/-
12. Parent - Teacher Associative Fee ---	₹ 50/-	50/-	50/-
13. College Maintenance Fund ---	₹ 250/-	250/-	250/-
14. Registration Fee	₹ 30/-	30/-	30/-
<b>UNIVERSITY FEES</b>			
15. Student's Aid Fund	₹ 60/-	60/-	60/-
16. Student's Welfare Fund	₹ 5/-	5/-	5/-
17. Student's Medical Aid Fund	₹ 5/-	5/-	5/-
18. University Enrolment Fee*	₹ 110/-	110/-	110/-
19. University Annual Fee	₹ 125/-	125/-	125/-
20. University student's Union Fee	₹ 5/-	5/-	5/-
21. University Game Fee	₹ 25/-	25/-	25/-
22. Inter University sports & Cultural Activities	₹ 30/-	30/-	30/-
23. Medical Test Form Fee	₹ 5/-	5/-	5/-
24. Disaster Management Cell	₹ 10/-	10/-	10/-
25. E-Service Fee	₹ 50/-	50/-	50/-
26. Extra Curricular Act Fee	₹ 80/-	80/-	80/-
27. Medical Exam Fee	₹ 40/-	40/-	40/-
28. Physical Efficiency Test	₹ 40/-	40/-	40/-
<b>DEPOSITS</b>			
29. Caution Money	₹ 25/-	25/-	25/-
30. Library Deposit	₹ 25/-	25/-	25/-
<b>TOTAL</b>	<b>₹ 3910</b>	<b>3110</b>	<b>2310</b>

**M.Sc. II**

- (i) The fees structure are subject to change as per Government University decision.
- (ii) 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 upto and inclusive of the month of Leaving the College, as the case may be.

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.

**7. RULES REGARDING REFUND OF OTHER FEES TO ALL CANDIDATES :-**

- (i) No Refund Fees for Cancellation of Admission in B.Sc. Level Students. No refund of fees for cancellation
- (ii) No refund of vocational fee on cancellation of admission in INDUSTRIAL CHEMISTRY

**8. REFUND OF DEPOSITS :-**

Caution money and library deposits of the students will not be refunded as long as their names are on the College rules. He/She should submit an application for 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 but not claimed within three years will not be refunded.**

**9. FEES FOR COLLEGE LEAVING AND OTHER CERTIFICATES :-**

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 Rs. 100/- will be charged for every subsequent year subject to a maximum of Rs. 500/-

The fees as shown below will be charged for each of the following certificate :-

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

Attested copies of the certificate submitted by the student at the time of admission will be issued on payment of Rs. 5/- for each certificate submitted.

**Issue of Duplicate College Leaving Certificate**

The student requiring a duplicate copy of the College Leaving Certificate should state in writing as to what happened to the original certificate and why a duplicate is required. He 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 duplicate copy. There is no provision of issue of College Leaving Certificate for third time.

**10. ATTENDANCE :-**

- a) In order to qualify as candidate for University examinations every student as a rule must attend not less than 75% of the lectures and practicals delivered in every month in each of their subject of study. Students enrolled in N.C.C. or P.T. classes must put in 80% attendance and attend camp (s), if any. It will entirely be the responsibility of the students to keep up regular attendance. If the attendance is short the name of each defaulter will be removed from the rolls.
- b) Fine of Rs. 10/- per day will be imposed on a student who remains absent from the college without leave.
- c) Applications submitted for the purpose of leave should be countersigned by the parent or guardian. Medical leave applications should be accompanied by medical certificate.
- d) Leave or absence will be entirely at the student's own risk and a certificate of any kind will not condone a deficiency in attendance (classes and N.C.C.) required by the university.
- e) 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 percent attendance he/she will have to pay full fees irrespective of the ground of absence.
- f) Absence without leave from a college examination will entail a fine of ₹ 10/-per paper subject to maximum of Rs. 50/- for one examination.
- g) 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.

**11. IDENTITY CARD :-**

Fresh Identity Card shall be issued for each academic year. Student should always carry Identity card whenever they are in campus. If any student is found in college premises without Identity Card he is liable for being fined suitably.

Those students, who have lost their Identity Card will be issued fresh Identity Card on payment of ₹ 50/- only.

**12. MEDICAL EXAMINATION :-**

Every student on the roll of the College according to the University rules, must present himself 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.

A student who remains absent from Medical Examination 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.

If a student fails to present himself for medical inspection without sufficient cause even after repeated opportunities, he will have to pay fine of Rs. 100/- only.

**13. PHYSICAL EDUCATION AND RECREATION OF STUDENTS :-**

(a) Under Ordinance No. 3 of the Nagpur University all the under Graduate students of the College can join NCC required to participate in any of the following activities :-

1. National Cadet Corps (Open Unit)
2. Physical Training

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 from 2018 to 2019.

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 N.C.C. 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/-

(b) Ordinance No. 2 of 1996 provided Ten (10) Credit Marks as an incentive to the students participating in National Service Scheme (NSS), Adult Continuing Education & Extension Service (ACEES), National Cadet Corps (NCC) (Open Unit) , Games & Sports and Cultural Activities.

#### **14. FACILITIES FOR STUDENTS :-**

##### **(A) LIBRARY**

Our library is fully computerised with very precious collection of 33596 books on various subject. We have huge collection of periodical, digital material, magazines and other reference books. We subscribe number of reputed journals, magazine, newsletters and newspapers. Our Library provide free internet, **INFLIBNET N-List, OPAC, e-Literacy** Programme. Internet use learning and also free online diploma courses from world's best universities. We also conduct various programmes and competitions regarding reading habit development.

##### **(B) READING ROOM**

The College has made provision for a separate Reading Room.

##### **(C) COLLEGE MAGAZINE**

The annual magazine 'Prerana' which contains the articles written by students in Marathi, Hindi and English is published. They can approach Dr. J. A. Janbandhu and other language teachers for publishing.

##### **(D) CYCLE STAND**

Provision has been made for cycle stand for the use of students. Students bringing bicycles, scooters to the college shall keep them on the cycle stand & nowhere else and pay the necessary charges to the contractor. They should lock their vehicles. The contractor will not be responsible for loss of unlocked vehicles from cycle stand. No cognizance of any loss of vehicles will be taken if the vehicle is kept outside the Cycle Stand.

##### **(E) COMMON ROOMS**

Seperate Common rooms with attached washrooms are provided for boys and girls to relax and study in their free time.

##### **Google Class Room :-**

##### **(F) CANTEEN**

College has spacious canteen facility with good ambience. A variety of Snacks, South Indian food, mini and full meals are provided in reasonable rates for students and Staff in hygienic environment.

##### **(G) COLLEGE EXAMINATION**

The examinations, unit tests, terminal test exam of the college will be held on the dates fixed by the CDC. Every student must appear in all these examinations.

Absentees without prior permission will have to pay a fine of ₹ 50/- per paper. Students securing marks less than 35% will be provided remedial coaching and their names will be reported to their Parents/Guardians.

The following categories of students may get exemption as per the rules made by the CDS .

a) Students appearing at the winter examination of Nagpur University should produce an evidence to that effect before the commencement of the test Examination.

- b) A Student claiming exemption on medical ground, requests exemption should produce a medical certificate from any one of the medical officers appointed by the college.
- c) Any other ground as per the discretion of the Principal that enables the student to claim exemption.

#### **(H) INTERNAL QUALITY ASSURANCE CELL (IQAC)**

The College has established an Internal Quality Assurance Cell (IQAC) since 2003 with the primary aim of

- To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.
- To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

### **15. RULES OF CONDUCT BY STUDENTS :-**

All the students of the college should observe the rules of the conduct framed by the college from time to time.

1. The students are directly answerable to discipline committee and the principal for their behaviour in general both inside and outside the college.
2. 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 filthy language or the passing of an indecent remarks specially at the girl students is a punishable offence and will be viewed seriously.
3. **Smoking and Chewing tobacco in classroom or college premises is strictly prohibited.**
4. **Students should follow the dress code strictly.**
5. **The use of mobile phone in college premises is strictly prohibited.**
7. Any change either in the local or permanent address of the student should be informed to the Admission Clerk so that normal contact with him/her is not hampered.
8. 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 L.M.C. Members except through the college Principal. Any breach of the rule may lead to outright expulsion of the student from the college.
9. The students should see the "NOTICE BOARD" daily for various notices that may be put from time to time.
10. No student shall bring any companion with him/her who is not a student of this college.
11. The students will leave the college premises as soon as their classes are over.
12. 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 specially 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.  
There shall be no social gathering, association or committees of any sort in the college.
13. The student shall also not invite guests or arrange their lectures on their own initiative.
14. The student remaining absent without prior intimation in writing are liable to be fined.
15. The Principal reserves the right to remove from the college roll, the name of any student for -
  - i) Failure to pay the college dues.
  - ii) Failure to come up to the academic standard. (progress and attendance).
  - iii) Conduct which in the opinion of principal is unsatisfactory.
  - iv) For any act of indiscipline.
16. Students shall observe all safety precautions. The college is not responsible for accidents of whatever nature in the college, hostel, laboratory, playground and during tour or trips.

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



## COLLEGE FACILITIES

- ❖ *Conference Hall with ICT facility*
- ❖ *Huge airy Laboratories (UG, PG and Research)*
- ❖ *Well-furnished Class Rooms (Including 02 smart class rooms)*
- ❖ *Spacious Gymnasium (Girls as well as Boys)*
- ❖ *Museums (Botany, Geology and Zoology)*
- ❖ *Canteen (spacious, clean and hygienic canteen)*
- ❖ *Audio Visual Room with ICT Facility*
- ❖ *Meeting Hall*
- ❖ *Girls' Common Room*
- ❖ *Boys' Common Room*
- ❖ *Alumni Association office*
- ❖ *IQAC office*
- ❖ *NSS office*
- ❖ *Career Guidance and Placement Office*
- ❖ *Botanical garden with herbal plants.*
- ❖ *Poly house for Medicinal Plants*
- ❖ *Book bank and question bank for the students*
- ❖ *A very well equipped Spacious Library with Indian Journals, e-journals, CD & Video and reference books*
- ❖ *ICT facility in all the departments*
- ❖ *Wi-Fi*
- ❖ *Drinking water facility*
- ❖ *Girls Hostel facility will be available after necessary arrangements .*





### ***MOU done with highly reputed Central Government Institute and Foreign Versity for professional training program and online Courses:***

- ❖ *The college is in process of signing the MOU with **CSIR- Institute of Genomics and Integrative Biology, New Delhi** for academic and research collaboration.*
- ❖ *The IGIB is a national institute which is known for it's research excellence and state of art infrastructure.*
- ❖ *The MOU, will allow academic and research collaborations among faculty members of the college and the scientists of the institute.*
- ❖ *The scientists of the institute working in various branches of biology will visit the college for guest lectures.*
- ❖ *In addition to this the institute will accept few students annually for short term training programmes; thereby making the students acquainted with the latest research methodology.*
- ❖ *The college students will also be able to visit the institute as the academic study tour.*

### ***MOU Done with Q versity for Various Online Courses : What makes Q versity Great***

- ❖ *Live online Courses.*
- ❖ *Certification from an international University*
- ❖ *Learn From Leading International Professors.*
- ❖ *Interactive Learning Session.*
- ❖ *Learn Todays Work Skills*
- ❖ *Get Job Ready.*

## FREESHIP & FINANCIAL AID

The following freeships awarded by the Govt. are made available to students. The students awarded freeship under these Schemes must attend at least 75% of lectures and practicals as also 80% of N.C.C. Parades / P. T. Classes and must show satisfactory progress in their studies. Failure to do so will result in withdrawal of this concession. In such cases; students shall have to pay the full fees College .

1. **Freeship to Economically Backward Class Student :-** The eligible students should apply to the Principal in the prescribed form within 30 days from the date of their admission to the College and obtain receipt from office.
2. **Freeship to sons & daughters of Primary School Teachers :-** The eligible students should submit their application in the prescribed form in College Office within 30 days from the date of their admission to the College and obtain receipt.
3. Freeship is awarded to the S.C., S.T. (No Limit of annual income), N.T., V.J., SBC, OBC (8 lacs annual income)
4. Freeship to the children of Service Personnel.
5. Students Welfare Fund has been established by the University for giving financial assistance to the needy students by way of loan carrying simple interest at 8% P. A. The freeship will be awarded to eligible students on merit-cum-means basis. G.O.I. Scholarship holder should open S.B. account in the month of September in any bank.
6. No Concession available to students from outside the State of Maharashtra.

### **Important Rules for freeship under the E.B.C. Scheme (Income Below ₹ 8,00,000/-) Per annum**

The Students applying for freeship under the E.B.C. Scheme of the State Government must submit their application in the prescribed form alongwith the Income Certificate from a Gazetted Officer of State Govt. not below the rank of Tahasildar, or class II officer of any department. President of Mpl. Committee, Sarpanch, etc. (for the students whose parent's ordinary place of residence is in rural area with a population below 10,000) to the College office within 30 days from the date of their admission to the college and obtain receipt.

The students from outside the State of Maharashtra and the students whose father or guardian reside outside the State of Maharashtra are not entitled to this Freeship.

In case the E.B.C. applications are signed by mother when father is alive the circumstances in which the father could not sign the application alongwith the information on the following points should be submitted by the students & attached to his application. In case of legal separation of father and mother, an affidavit to this effect should be submitted and attached to his application.

1. Full name of the father.
2. Occupation and address.
3. Annual Income from all sources for previous year.

In case where the applications is signed by a person other than father / mother when alive, the procedure mentioned above should be followed.

In case the student seeks admission after lapse of year(s), a gap certificate to the effect that he did not join any educational institution prior to his admission in the institution should be submitted and attached to the application.

**The student should take specific care that the income shown in the E.B.C. form is the same as shown by him / her / his in his application for admission.**

## SCHOLARSHIPS

(A) The following scholarships awarded by the State Govt. are made available to the students. The students awarded scholarship under this scheme must attend the college regularly. The scholarship will be withdrawn in case he fails to attend 75% of lectures, practicals and 80% of N.C.C. parades or P.T. classes every month and progress of the student is not satisfactory. In such cases, the students will have to pay full fees to College.

Various scholarships that can be availed students are

1. National Scholarship.
2. Scholarship to the children of primary & secondary school teacher.
3. Govt. of India Scholarships to backward class students.
4. Govt. Open Merit Scholarship.
5. Scholarship to the children of freedom fighters.
6. Talent Development Scholarship in Maths & Physics.

(B) The College offers scholarships to a deserving students of each class of 1000 ₹ per students per class.

### Important Information Regarding Government of India Post Matric Scholarship to the Backward Class Students

The scheme of grant of Government of India Scholarship to the backward class students, Scheduled Caste / Scheduled Tribes, Nomadic Tribes / Vimukta Jatis and Scheduled Tribes outside specific area in Vidarbha and Nav-Buddhas formerly belonging to Scheduled Caste for post S. S. C. courses is implemented by the Director of Social Welfare, Maharashtra State, Pune. All the backward Class students and Nav-Buddhas formerly belonging to Scheduled Caste undertaking approved post S. S. C. Course are considered eligible for the Govt. of India Scholarships with the following exceptions.

1. The student switching over to non professional line after completing professional course in one viz. LL.B. after B.Ed., B.E. after LL.B. will not be held eligible.
2. The students failing in the Term / Annual Examination are not considered eligible for the scholarships. One failure is however condoned in respect of Scheduled Caste and Scheduled Tribes students pursuing Medical and Engineering courses.
3. (i) The income limit is Rs.1,00,000/- annually for NT, OBC, SBC and for SC, ST students the income limit is ₹ 2,50,000/- annually.  
(ii) The students whose guardians/family income is beyond above said limit should apply for only freeship within 15 days from date of admission.  
(iii) Means Test will be made applicable to Scheduled Caste/Scheduled Tribes students.  
(iv) Students who are in full time employment will not be eligible for scholarships.  
(v) Only two children of the same Parents / Guardians will be entitled to receive Scholarships.

#### FEES

The students who are eligible for Government of India Scholarship will not be required to pay fees which are of compulsory nature.

#### PROCEDURE FOR SUBMISSION OF FORM FOR G. O. I. SCHOLARSHIP

All backward class students and the students coming under the Lower Income Groups should apply for the Govt. of India Scholarship in the prescribed form through their respective College in the month of July only. The application forms will be made available to them at the time of admission. All the students should be vigilant enough to fill in the forms complete in all respect and any omission or incorrect / false information would disqualify them from claiming the above Scholarship. The students having gap in their education should invariably file a appropriate affidavit.

**PRIZES**

The following prizes are awarded by the College -

1. "**Late Kumari Mandakini Bhurley Memorial Prize**" and "**Sushila Naidu Memorial Prize**" for obtaining the highest number of marks at the Final B.Sc. 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 B. Sc. Examination.
3. "**Shri P.W. Mokashi and Late V. L. Mutatkar Prize**" for obtaining the highest number of marks in Mathematics at the Final B.Sc. 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 B.Sc.Examination.
5. "**Murkute Memorial Prize**" and "**Wamanrao & Umabai Vaidya Memorial Prize**" for obtaining the highest number of marks in Chemistry at the Final B.Sc.Examination.
6. "**Late R. P. Chitale Memorial Prize**" for obtaining the second highest Number of Marks in Chemistry at Final B.Sc.Examination.
7. "**Bapurao Maharaj Khatkhedkar Memorial Prize**" for obtaining the highest Number of Marks in Physics at Final B.Sc.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 B.Sc.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 B.Sc. one Topper amongst Girls & one Topper amongst boy.
13. "**Late Smt. P. S. Jodh memorial Prize**" for obtaining highest number of Marks in M.Sc. II, Topper Students in subject chemistry.

### College Calendar for the year 2019-20

<b>Days</b>	<b>Regular Events (Every Year)</b>
<b>First Term</b>	<b>15/6/19 to 19/10/2019</b>
1st Week of July	Counseling program & Principal's Address
2nd Week of July (Tentatively)	Inauguration of Multi skill program & Bridge Course Short term Courses
College Foundation Day	18th July
23th July	Forest Conservation Day
<b>1st Week of August</b>	<b>Inauguration of Subject societies</b>
15th August	Independence Day
In the month of August	Patriotic Week
5th September	Teacher's Day
16th September	Ozone Day
24th September	NSS Day
1st Week of October	Wildlife Conservation week
2nd October	Mahatma Gandhi Jayanti/ Lalbahadur Shashtri Jayanti
<b>Schedule of Unit Test / Terminal Exam</b>	<b>3/10/19 to 19/10/19</b>
<b>Last working day of Winter Session</b> (before diwali vacation)	Student Council meeting
1st December	World AIDS Day
6th December	Dr. Ambedkar Mahaparinirvan Day
22th December	Shrinivas Ramanujan Jayanti
<b>College Day Celebration</b>	<b>Date will be finalized according to Exam Schedule</b>
12 <sup>th</sup> January	National Youth Day
26 <sup>th</sup> January	Republic Day/ Annual Prize Distribution
28 <sup>th</sup> February	National Science Day
8th March	Women's Day

Principal  
Shri Mathuradas Mohota College of Science,  
Nagpur

## COMMITTEES- 2019-20

Sr.No.	Name of the Committee	Coordinator	Members
	<b>Academic Planning*</b> Academic calendar * Calendar of events *Short Term courses	(Principal) Dr. Mrs. Saha (V.P.)	All HODs and course coordinator
	<b>Campus Monitoring</b> <b>Discipline Campus Cleanliness</b> <b>Dress Code</b>	(Principal)	1) Dr. J.N. Ramteke 2) Dr. Mrs R. S. Saha(V.P.) 3) Dr. A.S. Sahasrabuddhe 4) Shri S.N. Dharme 5) Shri V. Tidke 6) Shri S. K. Dhote
	<b>Vigilance Cell</b> (Anti Ragging Cell) <b>Grievance Redressel Cell</b> <b>Monitoring Committee</b>	(Principal)	1) Dr. Mrs. R.S. Saha 2) Dr. R.P. Deshpande 3) Dr. A.A. Fulzele 4) Dr. R.R. Gupta 5) Dr. S.G. Goswami 6) Dr. J.A. Janbandhu 7) Dr. N.D. Meshram 8) Dr. S. S. Bhosale 9) Dr. A.S. Sahasrabuddhe 10) Shri P.B. Dandewar
	<b>Internal Complaints</b> <b>Committee : Gender</b> <b>Sensitization</b>	Dr. Mrs. R.R. Gupta	1) Dr. Mrs. R.S. Saha 2) Dr. Mrs U. R. Sonparote 3) Dr. Mrs. A. M. Swane 4) Mrs. M. M. Marbate
	<b>Student Welfare Committee</b> (Counseling, Book Bank, Students facility centre, Students Aid Fund)	Dr. S.G. Goswami	1) Dr. M. G. Dhonde 2) Dr. S. S. Bhosale 3) Dr. Mrs U. R. Sonparote 4) Dr. D. V. Nandanwar 5) Ms D. M. Thakre
	<b>Career Guidance &amp;</b> <b>Counseling</b>	Dr. V.V. Soman	1) Dr. J. N. Ramteke 2) Dr. Mrs. R. R. Gupta 3) Ms. S. D. Khalatkar 4) Shri S.T.Rathod
	<b>N.S.S.</b> (Community Development Extension activities Co-Curricular activities Awareness Programme Blood Donation Earn while Learn) Games and Sports (Health Care Committee)	Dr. J.A. Janbandhu	1) Dr. C. B. Talwatkar 2) Dr. D. V. Nandanwar
	<b>Women Cell</b>	Dr. Mrs. A.M. Sawane	All Ladies staff
	<b>Games and Sports</b> (Health Care Committee)	Dr. S.S. Bhosale	1) Dr M. G. Dhonde 2) Shri S. N. Dharme 3) Ms. Tejaswini Tekade 4) Mrs R. S. Lonarkar
	<b>Parking Committee</b> and <b>Canteen Committee</b>	Dr. S. K. Giri	1) Dr. C.B. Talwatkar 2) Dr. N.V. Palande 3) Mr. S.G. Tammewar 4) Mrs.Sonali Ganje 5) Shri V. M. Mundhada
	<b>Cultural Activities</b>	Dr. Mrs. R.S. Saha	1) Dr. S.G. Goswami 2) Dr. Mrs Prachi Lambat 3) Mr. S.G. Tammewar 4) Shri S.S. Dabhnekar
	<b>Personality Development,</b> <b>Communication skills,</b> <b>Debate, Elocution, Essay Writing</b>	Dr. A.S. Sahasrabuddhe	1) Dr. J. A. Janbandhu 2) Shri K. S. Wandhe 3) Mrs. Rachana Lonarkar
	<b>Feedback Cell</b> <b>Student Attendance</b> <b>Monitoring Student-</b> <b>Teacher Mentor Scheme</b>	Dr. Mrs. R.R. Gupta	1) Dr. N.V. Palande 2) Ms. S.D. Khalatkar 3) Shri K.S. Wandhe 4) Shri V.S. Shende