Khandesh College Education Society's

Moolji Jaitha College, Jalgaon

"An Autonomous College

Affiliated to K.B.C. North Maharashtra University, Jalgaon."

- NAAC Accredited with A Grade, CGPA - 3.15 (3rd Cycle)
- UGC honored "College of Excellence (2014-19)"
- DST (FIST) recognised

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IRTH MAHARASHTRA
UNIVERSITY

KNOWLEDGE IS POWER

ESTD. 1945

PROSPECTUS 2020-21

KNOWLEDGE IS POWER

Moolji Jaitha College

Vision

To be a pre-eminent educational institution that prepares student from diverse backgrounds for productive careers by providing them with a student-centered,practically focused quality - learning experience.

Mission

To graduate well educated students who are prepared to meet the challenges of a rapidly changing, increasingly complex world. This will be accomplished through:

- A well - qualified faculty who care about students and their success.
- A dynamic, up-to-date curriculum that has an optimal balance between theory & practice.
- Laboratories, computer facilities & instructional classrooms on par with any contemporary institution in the country.
- Unique co-curricular opportunities for students.
- Opportunities for students to participate in research projects.
- Mutually beneficial partnership with area industry.

Unflinching belief

Education is the means to improve the quality of life & to achieve the development of personality.

True education is that which allows intellect to grow & affects good thoughts into character building.

Education is the means to bring about the best in many for the allround development of mankind.

Academic Recognitions

- M. J. College is the Pioneer Leader in Higher Education in KBC North Maharashtra University Region.
- M. J. College is permanently affiliated to KBC North Maharashtra University, Jalgaon.
- M. J. College is reaccredited with 'A' Grade by NAAC, Bangalore with CGPA 3.15 in 3rd Cycle
- M. J. College had been conferred with the status of "College of Excellence" by UGC., New Delhi
- M. J. College is honoured as"Star College by Dept. of Biotechnology, Ministry of Science and Technology.
- M. J. College is "FIST" (Fund for Improvement S&T Infrastructure) assisted college by Dept. of Science and Technology.

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KHANDESH COLLEGE EDUCATION SOCIETY'S

MOOLJI JAITHA COLLEGE, JALGAON

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- NAAC Accredited with A Grade, CGPA - 3.15 (3rd Cycle)
- UGC honored "College of Excellence"
- Department of Biotechnology, Ministry of Science & Technology, New Delhi honoured "Star College"

DST (FIST) recognised

Phone : (0257) 2237363, 2234281, Fax : 2237363 Email : mjcollege@kces.in
Website : https://www.kcesmjcollege.in

Principal

Prof. Dr. S. N. Bharambe

M.Sc., Ph.D. (Geography)

Incharge

Faculty of Humanities :	**Dr. D. S. Ingle**
	Dr. B. N. Kesur
Faculty of Science :	**Dr. K. G. Khadse**
	Dr. K. P. Narkhede
Faculty of Commerce :	**Prof. Dr. A. P. Sarode** (Commerce)
	C.A. A. N. Arsiwala (Management)

SENIOR

PROSPECTUS 2020-21

Price : ₹ 100/- | By Post ₹ **125/-**

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President's Message

I am glad to welcome you to the Moolji Jaitha college (Autonomous) which has established itself as a premier institute of Khandesh region. This institution has always aspired for academic excellence of the students and delivery of skill-based education. At the same time, continuous enhancement of socio-cultural development of students from lower strata, by imbibing into them the scientific temperament and promoting gender equality, has always been targeted.

It is due to such herculean efforts from my teaching and non-teaching staff that the college has been a successful recipient of the prestigious 'A' grade by the National Assessment and Accreditation Council (NAAC) for three consecutive terms. The University Grants Commission has also conferred the status of College with Potential for Excellence (CPE) twice, College of Excellence (CE) and Star College to the college.

Our main focus during autonomy would be to provide opportunities of Choice Based Credit System (CBCS) at undergraduate and post-graduate levels. Our state-of-the-Art infrastructure for academics, research, sports, as well as, extra-curricular and co-curricular activities, alongwith talented staff, makes this college as one of the most sought after institutes. We care for students' physical, mental and spiritual development so as to groom them into responsible citizens of India. All these efforts ensure all-round development of the young generation and assured placements.

I assure all the students of a right choice for their excellent future and ensured personality development.

Mr. Nandkumar G Bendale
President (KCES)

Welcome

I am happy to announce that Moolji Jaitha College has been bestowed with the status of Autonomy during its Platinum Jubilee celebration. Since its inception in 1945, this college has successfully carved its niche in the arena of higher education in Maharashtra.

The visionary leadership of Pradnyavant Nandkumarji Bendale (President, KCES) is the driving force behind this entire educational movement. Under his leadership and due to zealous efforts of the trustees, the college has been marching towards newer and higher academic goals.

For almost seven decades, the college has been imparting appropriate theoretical knowledge coupled with adequate practical exposure, upon students thereby developing in them the 'capacity to think'. During autonomy, we would provide opportunities to our students to choose and enroll in programmes that are best suited to them (Choice Based Credit System -CBCS), at undergraduate and post-graduate levels. We aim to evaluate our students on the basis of their physical, mental, social, emotional and intellectual development.

The college has been a successful recipient of the prestigious 'A' grade by the National Assessment and Accreditation Council (NAAC) for three consecutive terms, along with the status of College with Potential for Excellence (CPE) twice, College of Excellence (CE) and Star College.

The continuous reforms at the academic and administrative levels have made the college holistically efficient. The student-centric approach offers huge scope for the students to choose elective courses from a wide variety of subjects. Some of the salient features of the college include computer aided learning programmes,

audio visual aids, use of ICT tools in the teaching-learning process, training programs, on-campus placement drives, etc.

The college has good infrastructure facilities for sports, academic, administrative, co-curricular and extra-curricular activities which include, adequate number of class rooms, well-equipped laboratories, library and reading room, administrative block, botanical garden, playgrounds, gymnasium hall, world-class swimming pool, indoor shooting range, health centre, resource center for visually challenged, yoga and naturopathy hospital, canteen and parking facilities.

JalaSRI is an innovative multi-disciplinary research institute, which is contributing significantly to the surveillance and research activities in the field of water and natural resources. It also undertakes varied research related to environment issues of water, land and soil with the help of student volunteers. These student volunteers, while assisting the staff members, automatically receive the 'hands-on-training' during field surveys.

A Career and Counseling Cell has been established for offering free career counseling to students. Congenial academic atmosphere in a pollution free campus, innovative skill-based courses like B. Voc., self financing and industrial courses, dedicated and talented teachers, transparent admission, excellent results and progression; and above all, democratic college management, are some of the key factors that attract students and stakeholders to Moolji Jaitha College.

This brochure will get you a feel of one of the best institutions in Khandesh region. On behalf of the members of the KCE society and staff members, I welcome you to M. J. college where you will find suitable path for academic excellence.

With Best Wishes !

(Dr. S. N. Bharambe)
Principal

Profile of Moolji Jaitha College

Moolji Jaitha College, the flagship institution of the KCE Society, has achieved academic excellence in the North Maharashtra University region. Taking into consideration the potential challenges in higher education, the management and faculty member have extended its wings by opting for autonomy. The college has been conferred Autonomous Status by UGC and K.B.C. North Maharashtra University Jalgaon from June 2019. Lets have a glance over the profile of this academic leader.

OUR STRENGTHS

Achievement of College: Academics

- First Accreditation by NAAC in 2004 with 'A' grade.
- Reaccreditated by NAAC in 2012 for second cycle with 'A +' Grade and CGPA 3.63.
- Reaccreditated by NAAC for third cycle in 2018 with 'A' grade and CGPA 3.15 (as per new accreditation system).
- College has been conferred with the status of 'College with Potential for Excellence' in 2004 by UGC, New Delhi.
- College has been honoured with the status of 'College for Excellence' in XII Plan by UGC, New Delhi.
- In 2018, the college has been re-certified with ISO 9001:2015 certification by DNV GL, Netherland.
- Eight Departments of college has been selected under 'Star College Scheme' of Department of Biotechnology, Ministry of Science & Technology, Government of India, New Delhi.
- In 2018, Science Departments are FIST assisted by Department of Science and Technology, New Delhi.
- College has been conferred Autonomous Status from June 2019.

Achievements: Sports, Co-curricular and Extra Curricular Activities

- General Championship at 'Yuvarang' - Youth Festival K.B.C.NMU
- Representation at International Sports Events in Soft Ball and Floor Ball
- Asian Book record of Making Ganesh idol from Waste Plastic Bottle in record time.

State-of-the-art Laboratories

All Science departments are well-equipped with sophisticated instruments and equipments. In addition, there is a Central Instrumentation Laboratory, equipped with sophisticated instruments like AAS, GC, HPLC, PCR, FTIR, Fermenter, Incubators, Brookfield Viscometer, etc. For research, animal house and tissue culture laboratories are also available.

Sophisticated Infrastructural Facilities

In order to achieve the goal of excellence, in core mission activities of teaching, learning and research, the college has always strived for providing state-of-the-art infrastructural facilities. In order to cater to the needs of high-end research, such facilities have been provided for all the post-graduate departments and research laboratories. At the same time, the college has modern educational equipments like Synchro-Recorder, Film and L.C.D projectors, etc. In addition, all the departments have been equipped with computers and web facilities.

Central Library

The Central Library of our college is the oldest and largest within the jurisdiction of the North Maharashtra University. It houses more than 1,58,000 plus books and subscribes to 114 periodicals. It provides access to over 7000 e-journals and over 35,00,000 electronic books through n-list service of INFLIBNET.

It also has a rich collection of audio and video CDs on various subjects and reference books. A separate post-graduate library, with Open Access System, caters to the researchers' needs.

The 'Online Public Access Catalogue system', installed in the library, enables students to search books online. The reading room is open from 7.30 am to 12.00 midnight. The undergraduate students are issued one book at a time for a week while post-graduate students can avail two books at a time.

Study Centre for YCMOU, Nashik

The study centre of Yashwantrao Chavan Maharashtra Open University, Nashik (YCMOU), has been functioning in M. J. college since 1990. Preparatory courses for pursuing graduation programmes in the faculties of Commerce and Arts, as well as, courses for I, II and III year of graduation, are offered. Along with these, the centre also runs four MBA programmes of 2 years each in HRD, Finance, Manufacturing and Marketing. B.Lib., M.Lib. and Yoga Shikshak.

Course are also available for students who have passed SSC Examination but unable to qualify in HSC examination. Preparatory courses of six months duration are also available. After passing this preparatory course, students are eligible to get admission to the first year of Arts or Commerce degree programme of the YCMOU.

A Virtual Classroom, especially for YCMOU students, guides them with all technological know-how.

IMPACT

Department of Computer Science and Information Technology organizes " Dr. G. D. Bendale National Level Software Competition cum Exhibition IMPACT" every year since year 2006.

In spite of Undergraduate and Post graduate category cash prizes 0f Rs. 5000, 3000 and 2000 an institutional rotating trophy is given to the institution on the basis of parameters.

Innovative idea, software quality, presentation skill, number of winning teams and number of participating teams.

Education Media Development Centre (EMDC)

The college has an independent Centralized Media Facility Center (CMFC) for preparation of study materials, useful for teaching & learning process. All required high-end equipments such as video camera, recording units, sound system, etc., are readily available. The implementation of e- udbodhan (audio lecture series) has helped students with availability of lectures on their smart phones.

Dreamy Eyes Resources Centre for Visually Challenged

This centre, within the library premises, assists visually challenged students to pursue their education with ease. The centre has been established with the necessary paraphernalia, five of its computers exclusively dedicated for DLRAC (Digital Learning Resources Access Centre).

JalaSRI, Watershed Surveillance and Research Institute

- JalaSRI is an unique and innovative multi-disciplinary research institute, contributing significantly to the surveillance and research activities in the field of water and natural resources. It undertakes varied research projects related to environment issues of water, land and soil in Jalgaon, Nandurbar and Dhule districts. It also serves as a research organization to promote core scientific research projects at national and international levels. So far, in collaboration with Penn State University, USA and Milan City Council, Italy, JalaSRI has completed two international research projects. At present, the projects are ongoing within the domains of economic and social development, Technology infusion, Training and capacity building, 3rd party evaluation of government and public projects, etc.
- JalaSRI is also equipped with state-of-the-art GIS laboratory, sophisticated softwares such as ArcGIS and ERDAS Imagine.

Organisation of National and International Conferences/Workshops

Organisation of national and international conferences / workshops by various departments, is a regular activity. In the last academic year 2 national conferences were organised by the college.

National and International Research Projects

We are happy to place on record that a number of national and international research projects (Major and Minor) have been sanctioned to our faculty members. There are a number of collaborative research projects which have been proposed alongwith national and international tie-ups (i.e., MoUs with Haifa and Hebrew universities of Israel and Indian Institute of Geo Magnetism, Navi Mumbai), etc.

INNOVATIVE ACADEMIC PRACTICES

ViviDhaTa Research and Training Centre

ViViDhaTa is an acronym for *Vishwa-Vigyan-Dharma-Tatvic Adhishthan.* It signifies divinity. This centre aims at transforming young minds into universal spiritual souls and imbibing within them, the principles of scientific aptitude, human values and world's divine philosophies. For this purpose, it has initiated various activities -

- For the sake of acquiring fast track mathematical skills during competitive examinations, the students are taught 'Vedic' mathematics.
- By screening inspirational documentaries, the students are acquainted with national and international philosophies.
- Personality and spiritual development programmes are arranged regularly.
- For the sake of enhancement of skills such as vocabulary, communication, stage daring, etc., reciting competitions are held *(manache shlok* and *Geeta pathan)* for school and college students.

Bachelor of Vocation

In order to equip students with skill-based education, 4 degree programmes (i.e., Bachelor of Vocation in Greenhouse Technology, Printing Technology, Agriculture and Floriculture & Landscape Gardening), have been launched. These programmes have been launched under the UGC's XIIth Plan scheme and are affiliated to the North Maharashtra University. Their eligibility at the entry level is 10 + 2, i.e., HSC or equivalent degree. These programmes have enhanced the employability and entrepreneurship traits of students in Khandesh region.

Career Oriented Courses

The college runs more than 40 career oriented courses. These are add-on courses, which students can persue simultaneously along with the regular graduation or post-graduation programmes.

Budding Researcher's Scheme

To propagate research culture among UG and PG students, the college runs a unique scheme, the Budding Researcher's Scheme. The students undertake research projects during summer vacation under the supervision of the subject guides. The college provides one-time stipend and contingency aid to carry out the projects. The projects are assessed by experts in the respective fields and the best three projects, from each stream, are awarded motivational prizes. The research papers are then published in a compendium with an ISBN number.

FACILITIES FOR STUDENTS

Smart Classroom

Smart classroom teaching aims at developing an effective educational environment, by combining collaborative teaching and learning processes, using the latest technological tools. It deals with both, physical and virtual teaching. It helps students to gather information from all over the globe with the help of internet, video-conferencing and other software. It brings flexibility to learning and makes the learning ubiquitous. 30 such smart classrooms have been set up to cater to the needs of students of all faculties.

Departmental Libraries

For students' convenience of getting the subject-specific titles, as well as, reference books with ease, the college has equipped almost all the departments with departmental library facility.

Book Bank Scheme

The 'Book Bank Scheme' also provides books to the needy students of the college.

Hostels with Mess Facility

Separate and wide range of hostel accommodation and mess facilities are available for boys and girls. Hostel admissions are given on merit basis.

Canteen

With a view to provide nutritious food to the students of the college, canteen facility has been provided on the campus. Healthy food is made available at reasonable rates to the students and staff members.

RO Drinking Water

In order to provide pure and healthy drinking water supply to the whole campus, a separate Reverse Osmosis Drinking Water manufacturing plant has been installed on the premises of the college.

Medical Facility

Mother Teresa Medical Centre, established within the college campus, is well equipped to help the students and staff members for their medical care.

Banking Facilities

The college houses branches of Bank of Maharashtra and the Jalgaon Peoples' Co-operative Bank Ltd., which provide services to the students, as and when required.

Co-operative Consumer Store

Co-operative Consumer store is being run for the convenience of staff and students. The required stationery, laboratory journals and articles of daily use are made available alongwith tutorial sheets and answer books for internal examinations.

Central Instrumentation Laboratory

Well equipped and furnished Central Instrumentation Laboratory, and CPCSEA recongnised animal laboratory and Tissue Culture Laboratories are used by UG & PG students and staff members. These also provides consultancy services.

Spacious playground

Spacious play grounds (indoor and outdoor) are made available for athletics and other sports events such as Football, Cricket, Kho-Kho, Kabaddi, Basketball, etc.

- Swimming Pool : Olympic Size Swimming Pool has recently been opened for swimmers to upgrade themselves for international competitions. Similarly, indoor shooting range, with latest technology, has been made available to the students practicing for national and international events.

English Proficiency Club and Language Laboratory

To develop students' proficiency in English communication, the students are trained in well equipped computerized language laboratory. Students are given training in language skills, especially, listening and speaking, where they get an opportunity to improve their pronunciation and conversation.

24 X 7 Generator Power Backup

A 24X7 generator power back up has been set up to provide an uninterrupted electric supply to the entire college campus.

Wi-Fi Campus

The entire college campus is having a 24X7 high-speed Wi-Fi internet facility. It is made available for the students and faculty members to avail themselves of web connection from any place.

Computer Facilitation Centre

In order to help the needy students upload their admission / scholarship forms, the college provides a special computer cell with printer, scanner and web facilities.

Career Oriented Courses

The college runs more than 40 career oriented courses. These are add-on courses, can be pursued simultaneously along with the regular graduation or post-graduation programmes.

Provision for Remedial Courses

The college conducts remedial courses for slow learners & the students coming from the weaker sections of the society.

Financial Aid and Scholarships

At our college, students can avail themselves of a number of scholarships and/or financial aid from among the following -

A) Central/State Government Scholarships / Freeships. The college helps students to avail following scholarships offered by Central / State Government :

Government of India Scholarship/ Free-ship, Eklavya Scholarship, Inspire scholarship, Hindi Scholarship, National Talent Search Scholarship, National Merit Scholarship, Scholarship to physically handicapped students, State Government Open Merit Scholarship, Economically Backward Class Scholarship, Sports Scholarship by Sports Authority of India, Scholarship for bright students from rural area, Primary/ Secondary School Teacher Wards' Scholarships, Scholarship for minority students, etc.

B) Financial Aid by the College :

The college offers financial aid through the following schemes :

Poor Student Aid Fund, Endowment Scholarship & Prizes, Aid under Earn-Learn Scheme. (Every scholarship has specific norms for initial sanction and its continuation. Some important norms are given in this prospectus in Marathi language. These are also displayed on notice Board at appropriate time).

C) Late Dr. Annasaheb Bendale Scholarship: In the year 2004-05, Khandesh College Education Society received a substantial amount of donation from Shreemati Shalinitai Bendale in the memory of Late Dr. G. D. Bendale, who remained a source of inspiration and guiding force for K.C.E. Society for many years, and had been the President of the society for more than 40 years. The scholarship named after "Dr. Annasaheb Bendale" is offered to the brilliant and deserving students taking their education in M. J. College, as well as, in various other institutions of the K.C.E. Society.

Earn and Learn Scheme

In order to provide financial support to the economically weaker, needy but brilliant students, the college has launched 'Karmaveer Bhaurao Patil Earn & Learn Scheme' of the KBC North Maharashtra University. Certain number of students, as per the norms of the KBC North Maharashtra University, are assigned jobs for certain hours in the college campus for which they are paid remuneration. The scheme is jointly financed by the KBC North Maharashtra University and the college. The college also provides financial assistance to additional number of needy students under its self-financed Earn & Learn Scheme.

NCC (National Cadet Corps)

NCC Unit in the college has been efficiently working since its inception in 1954-55. Under the 18 MAH BN NCC, the cadet strength is 164 Boys and 54 Girls. Till date 64 boys and 18 girls of this unit have bagged the honour of representing at the Republic Day Parade and Thal-Sena Camp at New Delhi. Some cadets have also bagged the President's Award on the occasion of the Republic Day Parade. Some of them were also selected under Youth Exchange Programme and have visited different foreign countries.

Green Army Brigade

For the sake of Environmental Safety and upgradation, the concept of 'Green Army', has been introduced by the government, and M. J. College is a part of 'Green Army' brigade and is functioning under the guidance of JalaSRI.

NSS (National Service Scheme)

The N.S.S. unit was established at the college in 1972. Every year, various programmes and activities, that enhance social awareness amongst students, are implemented.

These activities include - (I) Campus beautification (ii) Tree plantation (iii) AIDS Awareness Campaign (iv) Adult Education (v) Cycle Rallies (vi) Street Plays (vii) Orientation Camps (viii) Personality Development (ix) Blood Donation Camps (x) Eradication of Superstitions (xi) Anti-addiction Campaign (xii) Consumer awareness Campaign. Till date, a number of NSS volunteers of this unit have got the honour of representing the NSS unit at the Republic Day Parade, New Delhi and other national level camps. Some volunteers, after being selected under Youth Exchange Programme, have visited foreign countries.

Students' Council

As per the requirements of the Maharashtra Public Universities Act, 2016, the student's council is constituted every year in the college. The members of the students' council elect from among themselves various office bearers such as president, secretary, etc. These members actively participate in various activities of the college.

Students' Grievance Redressal Cell

' Students ' Grievance Redressal cell addresses the problems and difficulties of the students. Drop-boxes have been placed at different places on the campus to enable students to lodge their grievances. A separate committee takes cognizance of the complaints every fortnight.

Placement & Counselling Cell

A special Placement & Counselling Cell has been established in the college which organises training sessions and campus interviews. The students are provided with guidance and counselling for their career plans & placements.

Mahatma Gandhi Adhyayan Kendra (Mahatma Gandhi Studies Centre)

Under the UGC sponsored scheme of "Epoch Making Social Thinkers of India", M. J. College has established the Mahatma Gandhi Studies Centre in the year 2010-11. The centre seeks to acquaint young generation with devine thoughts of Mahatma Gandhi. The prime idea behind establishing this centre is to sensitize the youth about the philosophy and ideology, cherished by Mahatma Gandhi. After the completion of this UGC Scheme, the college has continued the activity through its own funding.

The centre undertakes research projects and development programmes relating to Gandhian studies. It also organises conferences and workshops at state and national levels. It also invites eminent speakers and educationists to deliver thought provoking lectures, and organises street plays & other social awareness programmes on various aspects of Gandhian studies.

CO-CURRICULAR AND EXTRA-CURRICULAR ACTIVITIES

Industrial Projects and Study Tours

The college has launched an 'Industrial Liaison Programme' under which students visit local industries for their internships and project work. This programme provides vocational guidance to students and helps to create professional awareness among them.

Special efforts are taken to organize educational tours to various locations within the country. Faculty-wise and department-wise educational tours are arranged for students, as per the requirements of their curricula.

Personality Development Programmes

Various committees such as Elocution Committee, Yuvati Sabha, Sahitya Mandal, Planning Forum, etc., have been constituted to help the overall personality development of the students. Extra- curricular activities like Elocution Competitions, Inter-collegiate Drama Festival, Youth Festival, Youth Parliament, Talent Search Examinations and competitive examination guidance, etc., are continuously organized in college with the help of these committees.

Software Competitions/Exhibitions

Every year, the college organises national level competitions / exhibitions of computer software, prepared by the students. The best exhibits are awarded prizes and medals.

Wall Magazine

Students are motivated to take part in various essay competitions. The facilities of wall magazine and special notice boards are provided as a medium for exposure to the potential student writers.

MAESTRO Competitions

Every year, the Faculty of Commerce and Management organizes a national Level Competition - MAESTRO. Students from all over India participate in this competition. The competition is organized with the objectives of providing the students a platform to unleash their talents and potentials.

'Chaitanya' - Annual Social Gathering

Every year, college organises social gathering to provide opportunities to students to portray their talent. Various programmes such as debating and elocution competition, exhibitions, drama competition, sports competition, quiz competition, blood donation camp, entertainment and cultural programmes, extempore speech and fancy-dress competitions are organised.

PERSONALITY DEVELOPING FACILITIES

Dnyanjyot Institute for Competitive Excellence

Dnyanjyot Institute provides coaching for all types of competitive examinations, e.g., UPSC/MPSC, banking, staff selection, civil services, defence, & clerical grade examinations. The institute also imparts coaching to 11th and 12th science students for JEE (Main and Advanced), NEET (Medical entrance) and MH-CET examinations. The institute has its own library with more than 2000 refereed books, for all types of competitive examinations. It also has a separate reading room for the students. The institute also provides infrastructural facilities like classrooms, LCD projector, computer laboratory with web connectivity.

Ekalavya Krida Sankul

In order to provide in-house sports facilities to the sport persons, Eklavya Krida Sankul of M. J. College was established in the year 2004. It provides facilities for :

1) Badminton (Two wooden Courts),
2) Table Tennis (Separate court with four tables)
3) Gymnasium
4) Skating Rink
5) Malla-khamb
6) Lawn Tennis (Clay Courts)
7) Cricket 8) Football
9) Gymnastics
10) Basket Ball
11) Archery
12) Chess
13) Judo Karate
14) Shooting range
15) Squash, etc. A world-class Olympic size swimming pool trains students for national and international swimming championships. The in-door shooting range is also opened for the students to train them for shooting championships at national and international levels.

Special coaches are appointed for the above mentioned games. About 1000 students and citizens take the advantage of this infrastructure every day. For all these facilities, our college students are given concessions in the fees. We are pleased to share that Eklavya Krida Sankul has been recognized by the Central Government under Sports Authority of India (SAI) as a centre for Badminton Coaching.

'Soham' Department of Yoga and Naturopathy

For healthy living and managing examination induced stresses amongst students, 'Soham' department of Yoga and Naturopathy has been established on the campus. This department undertakes yogic and Naturopathy treatments. Recently, a Naturopathy and Yoga hospital has been sanctioned by AYUSH, Government of India. A number of academic courses have also been introduced, which are affiliated to North Maharashtra University, Yashawantrao Chavan Maharashtra Open University (YCMOU) and Yoga Vidya Gurukul, Nashik. Three years' degree course (B.A) and Two years' M.A. in Yogic Science, Certificate / Diploma / Advanced Diploma courses in Yogic foundation, Certificate Course in AerobicYoga, Certificate / Diploma / Advanced Diploma in Naturopathy and Yogic Science, Diploma for Yoga Teacher, Yoga Pravesh, Yoga Parichay and Yoga Prabhod, etc., are equally popular amongst students. In addition, the Department of Yoga and Naturopathy also organizes short and long duration courses such has Bal Sanskar, Garbha Sanskar, Pranayam Shibir, Shatakarma camps and Therapeutic Yoga for different physical disorders.

'Kanh' Centre for Performing Arts

Moolji Jaitha College has established a 'Kanh Lalit-Kala Kendra' on self-supportive basis, in order to preserve and encourage the rich heritage of performing arts, especially, tribal and traditional arts. This centre offers courses such as painting, sculpture, graphics, dance, drama, music and poetry.

The main objective of the centre is to foster these cultural ties through art exhibitions, cultural programmes, study tours, etc. The centre helps budding and promising artists to get recognition.

Dance Department

In the academic year 2012-13, this department was established in the college. Certificate course in Indian Dance Form was the first course of its kind to be introduced. Students learn Classical and Folk dances in this one year programme. A student who has passed XIIth can join this programme. From the academic year 2013-14, the college has also introduced 2 new programmes, certificate course in Western Music and Dance and Diploma course in Indian Dance Form recently Kathak has been introduced for students.

Directors and Head of Departments:

Sr. No.	Subject	Name of HOD
	School of Mathematical Sciences:	**Director: Dr. K. G. Khadse**
1	Mathematics	Prof. J. N. Chaudhari
2	Statistics	Dr. K. G. Khadse
	School of Chemical Sciences:	**Director: Mr. R. M. Rathod**
1	Organic Chemistry	Mr. R. M. Rathod
2	Analytical Chemistry	Mr. R. M. Rathod
	School of Life Sciences	**Director: Dr. K. P. Narkhede**
1	Biochemistry	Dr. B. R. Kavimandan
2	Botany	Dr. J. G. Magar
3	Zoology	Mr. M. P. Rathod
4	Biotechnolgy	Dr. K. P. Narkhede
5	Microbiology	Dr. K. P. Narkhede
	School of Computer Sciences	**Director: Mrs. H. H. Patil**
1	Computer Science and IT	Mrs. H. H. Patil
	School of Earth Sciences	**Director: Dr. P. P. Jangle**
1	Geography	Dr. P. P. Jangle
2	Environmental Science	Dr. P. P. Jangle
	School of Physical Sciences	**Director: Dr. K. B. Mahajan**
1	Physics	Dr. K. B. Mahajan
2	Electronics	Dr. V. R. Khadse
	School of Vocational Sciences	**Director: Dr. Swati Samvatsar**
1	Green House Technology	Dr. Swati Samvatsar
2	Printing Technology	Mr. Tushar Chaudhari
3	Floriculture and Landscape Gardening	Mr. Milind Pandit
4	Agriculture	Dr. Swati Samvatsar
	School of Languages	**Director: Dr. B. N. Kesur**
1	English	Dr. B. N. Kesur
2	Marathi	Dr. Vidya R. Patil
3	Hindi	Dr. Roshni Pawar
4	Sanskrit	Dr. Bhagyashri bhalwatkar
5	Urdu	Dr. M. M. Shaikh
	School of Social Sciences	**Director: Dr. D. S. Ingale**
1	History	Dr. D. S. Ingale
2	Psychology	Dr. C. P. Labhane
3	Economics	Dr. N. S. Borse
4	Sociology	Dr. J. T. Mahajan
5	Political Science	Mr. S. B. Hingonekar
6	Defence and Strategic studies	Dr. L. P. Wagh
7	Mass Communication and Journalism	Mr. Sandip Kedar
	School of Universal Human Values	**Director: Dr. Rajani Sinha**
1	Yoga	Mrs. Arati V. Gore
2	Philosophy	Dr. Rajni Sinha
3	Logic	Dr. Rajni Sinha
5	Library and Information Science	Dr. V. S. Kanchi
	School of Performing Arts	**Co-ordinator: Mr. Hemant Patil**
1	Dramatics	Mr. Hemant Patil
2	Music	Mr. Kapil N. Singhane
3	Visual Arts	Mr. Milan Bhamre
	School of Commerce and Management	**Director: Prof. Dr. A. P. Sarode (Commerce)** **CA. A. N. Arsiwala (Management)**
1	Commerce & Business Laws	Dr. S. G. Patil
2	Management Studies	CA Y. A. Saindane
3	Computer Management	Prof. Dr. A. P. Sarode
4	Accountancy and costing	Dr. S. P. Palve
5	Business Economics	Dr. N. S. Borse
6	Business Administration	Dr. K. P. Nandanwar
	Director, Physical Education: Dr. Shrikrishna Belorkar **Librarian : Dr. V. S. Kanchi**	

Courses offered at Moolji Jaitha College

Moolji Jaitha College offers various academic programmes leading to Bachelor's degrees and Master's degrees under the faculties of Humanities, Science & Technology, Commerce & Management, and under Inter-disciplinary faculty. The specialization of subjects offered under the various programmes can be described briefly as under -

Programme	Medium of instructions	Specializations in subjects
B. A.	English / Marathi	Marathi, Hindi, English, Sanskrit, Economics, History, Political Science, Psychology, Sociology, Geography, Defence and Strategic Studies, Dramatics, Music, Yogic Science, Philosophy
M. A.	Marathi / English	Marathi, Hindi, English, Sanskrit, Economics, History, Political Science, Psychology, Philosophy, Music, Defence Studies & Strategy, Sociology, Mass Communication & Journalism and Yogic Science.
B. Com.	English/ Marathi	All subjects
M. Com.	English/ Marathi	Advanced Accountancy, Marketing Management and Business Taxation
B.B.A	English	All subjects
B. C. A.	English	All subjects
B. Sc.	English	Physics, Electronics, Mathematics, Statistics, Computer Science, Chemistry, Botany, Zoology, Microbiology, Bio chemistry, Geography
M. Sc.	English	Physics, Mathematics, Computer Science, Organic /Analytical Chemistry, Botany, Zoology, Microbiology, Biochemistry, Biotechnology, Geography
B. Voc	English	Greenhouse Technology, Printing Technology, Agriculture, Floriculture and Landscape Gardening
B.V.A.	Marathi / English	Painting, Sculpture
M.V.A.	Marathi / English	Painting, Sculpture

Autonomous programmes being offered by the college from Academic year 2020-21

It is a matter of pleasure to state that from the academic year 2019-20, the UGC and Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon have conferred Academic Autonomy to our college. Under autonomy, the college has liberty to frame and update the curriculum and offer the courses that are innovative, and that enhance employability of the students. Autonomy also gives freedom to the college to conduct the examinations by their own pattern within the framework of guidelines of the UGC. The college is administered by the Governing Body of the KCE, the Academic Council, the Boards of Studies, Examinations Committee, and Finance Committee. The various academic under-graduate and post-graduate programmes are structured according to the current requirements of the academic field and the market.

Accordingly, the college has structured the programmes of under-graduate and post-graduate studies under autonomy, and the same are being implemented from the academic year 2019-20.

The First Year of B.A./ B. Com./ B.B.A./ B.C.A./ B. Sc./ B.V.A. and the First Year/ Part I of M.A./ M. Com. / M. Sc./ M.V.A. will be offered under the Autonomous programmes of the college. The Second and Third Years of the under-graduate and Second Year of post-graduate studies will be continued under the affiliated programmes of Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon during academic year 2019-20. The college has also adopted the "School" Pattern for effective administration and to have a control over the implementation of the academic programmes.

The University Grants Commission (UGC) has introduced the Choice-Based Credit System (CBCS) with the objective of developing a "learner-centric" approach in the entire education delivery mechanism to help achieve the goals of the New Education Policy (NEP) initiated by The Ministry of Human Resource Development (MHRD), Govt. of India. Our College has also adopted the CBCS from the academic year 2019-20 for the autonomous programmes. The details regarding this CBCS Pattern can be seen at the college website.

Under the CBCS pattern, the various courses to be learnt by a student are categorised under the following heads -

1. Core Course - This is the course which is to be compulsorily studied by a student as a core requirement of the programme. Different programmes have different number of Core Courses to be studied at the UG and PG levels.

2. An Elective Course - A course which can be chosen from a pool of courses and which may be very specific or specialized or advanced or supportive to the discipline / subject of study or which provides an extended scope or which enables an exposure to some other discipline / subject / domain or nurtures the candidate's proficiency / skill is called an Elective Course. An elective course may take two forms as under -

(a) Core Elective Course – There may be two or more papers under this category. A student has to select any one Core Course from these options

(b) Discipline Specific Elective Course – An Elective course offered under the main discipline / subject of study is referred to as Discipline Specific Elective (DSE) Course.

3. Skill Enhancement Course – This is a course designed to provide skill-based knowledge. The main purpose of this course is to provide students life-skills in hands-on mode so as to increase their employability.

4. Generic Elective (Inter-disciplinary) Course – It is an elective course chosen from an unrelated discipline / subject, with an intention to seek exposure beyond discipline of choice.

The courses under the above stated categories and the Credit Distribution under the Choice Based Credit System (CBCS) have been described separately for different programmes under the respective faculties of studies.

Lateral Entry of a student to the programme -

Students who are admitted laterally at the college have to pass courses decided by concerned School or Other Committees appointed by the college or as per the rules of Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon, as pre-requisite courses, if any. Such courses shall be considered as audit courses. On successful completion of such audit courses, the concerned student shall be deemed to have earned all credits of previous semesters. However, these credits shall not be considered for calculating the performance indices. Equivalent credits of previous University will be considered as earned credits in the last semester of respective programme for the award of the degree.

TRANSITORY PROVISION

Notwithstanding anything contained in these rules, the Principal of the college shall, for a period of two years from the date of coming into force of these rules, have the power to provide by order that these rules & regulations shall be applied to any programme with such modifications as may be necessary.

Mandatory Programmes for All-round Personality Development

'sa vidya ya vimuktaye..' thus spake the scriptures. Education in the traditional Indian conception is the process of unfoldment of innate abilities lying dormant in the person. Swami Vivekananda gave a clarion call for all-round personality development of the youth through harmonious blossoming of the body, mind and soul. Keeping with these noble thoughts, this autonomous college mandates every student to complete two programmes (with 2 credits each) - one in sports and the other in Arts (i.e., fine arts, yoga, music, dance, dramatics) before he/she is awarded the undergraduate degree. These elective programmes are aimed at strengthening young minds and shaping their personality as they pursue their formal education. Accordingly, the options open to them are as follows:

Programmes in Sports: Cricket, Badminton, Kho-Kho, Kabbaddi, swimming, Table-Tennis, Athletics, Floor ball, Rifle shooting, Soft ball.

Programmes in Arts:

Music - *Tabla,* Harmonium, Vocal music, *Sugam sangeet;* Dramatics - Acting; Dance - Indian and Western; Fine Arts - Painting, Sculpturing and Photography and Yoga - Classical and Modern.

Students taking admission in the first year will opt for any two of these programmes in the 1st semester. Based on the options chosen and the permissible strength for each program, the time table will be prepared and made available on the notice board and as well as on the college website. The attendance and performance of the students will be taken into consideration while awarding the completion certificates at the end of the degree program.

Those students who represent the college in inter-collegiate, inter-university matches or those who bag 1st, 2nd or 3rd prizes at district, state, national or international levels in various events related to extra-curricular activities, are exempted from attending these programmes. However, these exemptions will be only for the field represented by the student (i.e., either Sports or Arts). It would be mandatory for the student to complete the other programme as per the norms.

Examination & Evaluation

- The Evaluation of the student shall be divided into two parts viz. End Semester Examination (ESE) and Continuous Internal Assessment (CIA) with a weightage in the ratio of 60:40 for PG Courses. It means, the distribution of marks for every theory/ practical paper at End Semester Examinations and for Continuous Internal Assessment shall be as follows –

Theory/ Practical Examination for PG Courses	Percentage
End Semester Assessment (ESE)	60 %
Continuous Internal Assessment (CIA)	40 %
Total	100 %

- In order to pass the examinations a candidate has to obtain at least 40% marks for each paper in ESE and CIA exams separately.
- Continuous Internal Assessment (CIA) Examinations shall consists of
- Online MCQ based Exam/ Paper Based Internal Exam.
- The marks for each test shall be displayed on notice board within 15 days of conducting the test. Answersheets of internal exams will be shown to students on demand.

Grading System

Marks for each course would be converted into grade points as per Ten-Point grading scale as stated in the following table.

Marks in %	Letter Grade	Letter Grade
Marks ≥ 75%	O (Outstanding)	10
70% ≤ Marks < 75%	A + (Excellent)	9
60% ≤ Marks < 70%	A(Very Good)	8
55% ≤ Marks < 60%	B + (Good)	7
50% ≤ Marks < 55%	B(Above Average)	6
45% ≤ Marks < 50%	C(Average)	5
40% ≤ Marks < 45%	P (Pass)	4
Marks < 40%	F(Fail)	0
	Ab (Absent)	0

- The following procedure will be used to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA).

The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e

$$SGPA\ (Si) = \Sigma(Ci \times Gi) / \Sigma Ci$$

where Ci is the number of credits of the ith course and Gi is the grade point scored by the student in the ith course
The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a program, i.e.

$$CGPA = \Sigma(Ci \times Si) / \Sigma\ Ci$$

where Si is the SGPA of the ith semester and Ci is the total number of credits in that semester.

- Final Marksheet shall contain both CGPA Score and percentage of marks obtained

ADMISSION PROCEDURE AND GENERAL INSTRUCTIONS FOR P.G.

M.Sc. - Admission Procedure and General Information

Sanctioned intake for various courses:

The sanctioned intake for first year M.Sc. courses shall be as per the affiliation and approval given by the university.

Sr. No.	Course offered	Intake Capacity
01	Physics	20
02	Organic Chemistry	20
03	Analytical Chemistry	30
04	Mathematics	60
05	Computer Science	40
06	Botany	20
07	Zoology	20
08	Microbiology	20
09	Biotechnology	20
10	Geography	20

In addition to regular intake mentioned in the above table, 02 (two) seats are available for industry sponsored candidates.

Allocation of seats

The percentage of allocation of seats for various types of candidates in the Home University (HU), Other than Home University (OHU), Institutional (Management) Quota, and Industry Sponsored Seats is as follows:

- Candidates graduated from KBCNMU, Jalgaon : 70%
- Candidates graduated from other universities : 10%
- Seats to be allotted through management quota : 20%
  Industry sponsored seats: one (01) seat for first ten (10) intake capacities subject to maximum two per course.

Admission procedure for industry sponsored candidates:

1) For application under industry sponsored quota, it is mandatory to fill online application form.
2) After the CAP rounds, candidates with industry sponsorship may apply under the industry sponsored quota with a letter of sponsorship from the industry.
3) Admission under industry sponsored quota will be done purely on the basis of merit list prepared by the college.

Reservations:

All the reservations given below shall be applicable to candidates belonging to Maharashtra state only subject to the fulfilment of the eligibility criteria specified by respective authorities from time to time.

(a) Reservation for backward class category candidates: The percentage of seats reserved for candidates of backward class categories belonging to Maharashtra state is as given below. The percentage of reservation is the percentages of the seats available for Maharashtra candidates. Backward class candidates shall claim the category to which they belong to at the time of submission of application form.

Sr. No.	Category of Reservation	Percentage of Seats Reserved
01	Scheduled Castes and Schedule Caste converts to Buddhism (SC)	13%
02	Schedule Tribes (ST)	7.0 %
03	VimuktaJati (VJ)/De Notified Tribes(DT) (NT-A)	3.0%
04	Nomadic Tribes 1 (NT-B)	2.5%
05	Nomadic Tribes 2 (NT-C)	3.5%
06	Nomadic Tribes 3 (NT-D)	2.0%
07	Other Backward Classes (OBC)	19.0%
	Total	50.00%

Reservation for wards of defence service personnel: Five percent (5%) seats out of total sanctioned intake capacity of colleges as a whole separately, subject to a maximum of one (01) seat in each subject coming under admission procedure shall be reserved for wards of ex- service personnel who are from Maharashtra state.

Reservation for persons with disability candidates: Five percent (5%) seats of total sanctioned intake capacity of college as a whole separately, subject to a maximum of one (01) seat in subject coming under admission procedure shall be reserved for candidates with disability.

The allotment of seats reserved for the candidates with disability shall be done on the basis of merit. The candidates claiming reservation under this category shall submit the Physical Disability certificates.

Note: - Candidates with disability should note that on admission to degree course they will not be given any exemptions or additional facility in the academic activities other than those which may be provided by the college.

If the reservation quota remains vacant then 2% seats of total intake capacity of college as a whole separately will be offered to SBC category.

Reservation for EWS (Economical Weaker Section) Candidate: As per the provisions in Government Resolution No. राआधो 4019/प्र.क्र.31/16–अ, dated 12thFebruary, 2019, 10% seats shall be reserved for EWS candidates. These seats shall be filled by the Competent Authority through admission procedure as per the policies of the Government declared from time to time.

If sufficient candidates from Kavayitri Bahinabai Chaudhari North Maharashtra University area are not available for admission for various post graduate courses, candidates from other universities will be considered. Similarly, if candidates from other universities are not available for admission, the candidates from Kavayitri Bahinabai Chaudhari North Maharashtra University will be considered for admission. There will be separate merit list for other university students.

Any change from Government side in terms of reservation before the commencement of admission procedure Round -I will be taken under consideration.

Candidate once admitted through industry sponsored quota will not be allowed to shift to general quota under any circumstances.

Eligibility criterions

• General criteria: A candidate is considered to be eligible for admission to the post graduate courses offered by college, if he/she has secured at least 50% (or equivalent CGPA) marks at graduation (45% marks for backward class i.e. SC/ST/DT/NT/OBC/SBC category candidates from Maharashtra state).

• Specific Criteria: The specific eligibility criteria in addition to above general criteria for the admission to various post graduate courses is as follows:

Sr. No.	Course offered	Specific Eligibility
01	Physics	B.Sc. (Physics)
02	Organic Chemistry	B.Sc. (Chemistry)
03	Analytical Chemistry	B.Sc. (Chemistry/Analytical)
04	Mathematics	B.Sc. (Mathematics) or B.Sc. in any other subject with Mathematics at S.Y.B.Sc. level with minimum 50% marks/CGPA in Mathematics. Preference will be given to B.Sc. (Mathematics)
05	Computer Science	B.Sc. (Computer Science) with Mathematics up to S.Y.B.Sc. level
06	Botany	B.Sc. (Botany)
07	Zoology	B.Sc. (Zoology)
08	Microbiology	B.Sc. (Microbiology)
09	Biotechnology	B.Sc. (Biotechnology) If seats remain vacant, those seats will be equally distributed among candidates with B.Sc. (Microbiology/Bio-chemistry/Botany/Zoology/ Chemistry) (with Biology group as subsidiary subject)
10	Geography	B.A./B.Sc. (Geography)

ADMISSION PROCEDURE AND GENERAL INSTRUCTIONS:

1) Use **www.kcesmjcollege.in** web portal for admission to M.A., M.Com, M.Sc. Classes.
2) Candidate must provide at least one valid mobile number and e-mail ID for creation of user ID as a direct contact made with college office.
3) Candidates should adhere to the rules and regulations of the college for the smooth conduct of admission (2020-2021).
4) Applications with incorrect/wrong information will not be considered in the process of admission.
5) Selected/waitlisted candidates for different courses will be intimated only through the registered mobile no. and e-mail ID. The list of such candidates will be displayed on the college notice board and admission portal (Website).
6) Download the Prospectus from **www.kcesmjcollege.in** and read the instructions carefully before filling up the Application Form.
7) All the aspiring candidates shall fill in the online application form for M.A/M.Com./M.Sc. admission available on the college website.
8) The candidate should fill the online application form as per the notified schedule for respective admission
9) Application fees for the M.Sc. Admission Procedure is Rs. 300/- payable through online mode only.
10) The Candidates will be able to fill in online application form through any computer connected to internet from home, cybercafé.
11) After filling the information and submission of application form, he/she shall verify the data filled and correct it if required.
12) The application form and documents uploaded will be e-verified by the admission councillor of the subject. The candidate is not required to report to college in person for document verification.
13) The candidate has to take the printout of application form and the receipt of payment generated in the online application form for your reference.
14) After confirmation of application form information cannot be changed by candidate.
15) It is MANADATORY for all the candidates to do document e-verification.
16) Provisional merit list of eligible candidates will be displayed on the college website.
17) For discrepancy if any, in the provisional merit list candidates can submit the grievances in written along with required document at college where candidate has confirmed application form within the specified grievance period given in the schedule.
18) No document shall be accepted to substantiate the claim made in application after scheduled dates.
19) Final merit list will be displayed on the college website.

Note: - The merit list gives relative position of the candidate and it does not guarantee admission to any course.

ADMISSIONS IN INSTITUTIONAL (MANAGEMENT) QUOTA

The Principal of the college shall carry out the admissions for these seats in the following manner. -

(a) Admissions shall be made in a transparent manner and strictly as per the merit of the candidates who have applied for CAP.

(b) Application for institutional (management) quota should begin after completion of CAP rounds.

(c) Aspiring candidates fulfilling the eligibility criteria as notified by the college, from time to time, shall apply to the Principal of the college for admission at the Institution level.

(d) The college may give admission to the applicants on the basis of their merit derived from merit list declared by the university.

(e) The institution shall prepare and display the merit lists of the candidates to be filled in at the institution level, in the institutional quota, on the notice board and shall publish the same on the website of the institution.

HOW TO APPLY ONLINE?

1) Click on "Admission 2020" to apply for the academic year 2020-2021.
2) Create candidate's user ID using valid mobile number and e-mail ID.
3) Fill in all the personal and educational details carefully along with valid Aadhar Card details.
4) Scan and attach all required original documents specified in the application form with latest coloured passport size photograph for procuring of identity card. The necessary scanned copies of original documents in soft copy form are as follows.

Sr. No.	Type of Candidate	Scanned copies of original documents in soft copy form
1.	All candidates	1. H.S.C. mark sheet. 2. Third Year B.Sc. Marksheet. (Scanned Copy of original Marksheet or the copy available on university website i.e. net copy.) 3. Second Year B.Sc. Marksheet 4. First Year B.Sc. Marksheet 5. Transfer Certificate
In addition to the above documents candidates are required to produce the following additional documents depending upon the category to which they belong.		
2.	Backward class candidates belonging to S.C. / S.T.	1. Caste certificate (Failure to submit the documents will be converted to 'Open' category). 2. Caste/Tribe validity certificate
3.	Backward class candidates belonging to VJ/DT NT(A)/ NT(B) / NT(C) / NT(D) /O.B.C/ SEBC/SBC	1. Caste certificate (Failure to submit the documents will be converted to 'Open' category). 2. Caste validity certificate 3. Non creamy layer certificate valid up to **31st March 2021** (Failure to submit the documents will be converted to 'Open' category).
4.	Ex servicemen	Defence Service Personnel Certificate
5.	Persons with disability candidates	Physical Disability Certificate.
6.	Economical Weaker Section (EWS)	Eligibility Certificate for Economically Weaker Section. The income limit of parents shall be as per the Govt. Norms declared from time to time.

5) Save the application form by clicking the "Save" button.
6) Check all information entered once again and edit, if required, before submission.
7) Pay Rs. 300/- as application fee through online mode only.
8) At the end, submit the application form by clicking "Submit" button. After submitting the application form candidates will not be able to change any information in it. If he/she wants to change any information before the dead line, then he/she has to contact system administrator personally in the college office with documentary evidences.

ADMISSION PROCEDURE AFTER SEATS ALLOCATION:

1) Open an Account using 'User ID' and see the admission status as "Confirmed".
2) Initiate admission process and complete the fee payment process by choosing either "Online" or "Bank Counter" or "College counter" payment options.
3) Download and print a copy of filled application form along with fee paid challan / receipt.
4) Submit an application form and receipt of fee paid along with the following necessary documents at college counter for final confirmation of admission.

Sr. No.	Type of Candidate	Documents
1.	All candidates	1. Attested Photocopy of H.S.C. mark sheet. 2. Origional copy of Third Year B.Sc. Marksheet. 3. Attested Photocopy of Second Year B.Sc. Marksheet 4. Attested Photocopy of First Year B.Sc. Marksheet 5. Original and one photo copy of Transfer Certificate 6. Receipt of fee paid
In addition to the above documents candidates are required to produce the following additional documents depending upon the category to which they belong.		
2	Backward class candidates belonging to S.C. / S.T.	1. Attested Photocopy of Caste certificate 2. Attested Photocopy of Caste/Tribe validity certificate
3	Backward class candidates belonging to VJ/DT NT(A)/ NT(B) / NT(C) / NT(D) / O.B.C/ SEBC/SBC	1. Attested Photocopy of Caste 2. Attested Photocopy of Caste validity certificate 3. Origional copy ofNon creamy layer certificate valid up to 31st March 2021
4	Ex servicemen	Attested Photocopy of Defence Service Personnel Certificate
5	Persons with disability candidates	Attested Photocopy of Physical Disability Certificate.
6	Economical Weaker Section (EWS)	Attested Photocopy of Eligibility Certificate for Economically Weaker Section. The income limit of parents shall be as per the Govt. Norms declared from time to time.
7	Other University/State Students	Migration and Domicile certificate

Note: FOR ADMISSION SCHEDULE OF M.Sc., M.A. AND M. COM. -REFER THE COLLEGE WEBSITE

Eligibility Rules

Bachelor of Science

A candidate who has passed Higher Secondary School Certificate Examination of the Maharashtra State Board of Higher Secondary Education or an equivalent examination of any other Secondary Board or University with English and any three Science subjects out of :

1) Physics 2) Chemistry 3) Biology 4) Mathematics 5) Geography shall be eligible for admission to the F.Y. B.Sc. However, the candidate who has passed Higher Secondary Certificate Examination held by the Maharashtra State with English and three subjects externally (i.e. with form number 17 of H.S.C.

Boards) shall not be eligible for admission to F.Y.B.Sc. Class.

Note : A student who has passed diploma examination conducted by Board of Technical Education Maharashtra State is eligible for admission to F.Y.B.A., F.Y.B.Com. and F.Y.B.Sc. classes.

REFUND OF FEES AFTER CANCELLATION OF ADMISSION

(a) The candidate shall apply for cancellation and submit signed copy of application for cancellation of admission to the college.

(b) After receiving admission cancellation request from the candidate, the college shall cancel the admission immediately online and generate online acknowledgement of cancellation of admission through institution login and issue a signed copy to the candidate.

(c) No candidate will be allowed to cancel his/her admission without paying complete fees of the course for which he/she got admitted.

(d) The candidate cancelling his/her admission within a period of seven days from the date of his/her admission, deduction to the tune of 10% of total amount of tuition fee plus Rs. 500/- will be made towards administrative processing charges.

(e) The candidate cancelling his/her admission within a period of 30 days from the date of his/her admission, deduction to the tune of 25% of total amount of tuition fee plus Rs. 500/- will be made towards administrative processing charges.

(f) The candidate cancelling his/her admission after the period of 30 days from the date of his/her admission, refund towards any kind of fees will not be made.

(g) No refund will be made to any candidate admitted through industry sponsored quota.

Officers under Right to Information Act, 2005

As per the provisions of Right to Information Act. 2005 following are the designated officers

Public Information Officer : Registrar
First Appellate Authority : Principal

Sr.	Course	Specific Eligibility
1.	M.Sc. (Organic Chemistry)	B.Sc. (Chemistry)
2.	M.Sc. (Analytic Chemistry)	B.Sc. (Chemistry/Analytic Chemistry)
3.	M.Sc. (Botany)	B.Sc. (Botany)
4.	M.Sc. (Microbiology)	B.Sc. (Microbiology)
5.	M.Sc. (Biotechnology)	B.Sc. (Biotechnology)
		If seats remain vacant, those will be equally distributed among
7.	M.Sc. (Bio-chemistry)	candidates with B.Sc. Microbiology / Biotechnology / Botany / Zoology / Chemistry (with anyBiology group subject as subsidiary) B.Sc. (Bio-Chemistry) If seats remain vacant, those will be equally distributed among
8.	M.Sc. (Zoology)	candidates with B.Sc. Microbiology / Biotechnology / Botany / Zoology / Chemistry (with any Biology group subject as subsidiary) B.Sc. (Zoology)
9.	M.Sc. (Computer Science)	B.Sc. (Computer Science) with Mathematics upto S.Y. B.Sc. level
10.	M.Sc. / M.A. (Geography)	B.Sc. / B.A (Geography)
11.	M.Sc. (Physics)	B.Sc. (Physics)
12.	M.Sc. (Mathematics)	B.Sc (Mathematics)
		Or B.Sc. in any subject with Mathematics at S. Y. B.Sc. level with
		minimum 50% marks/CGPA in Mathematics. Preference will be given to B.Sc. (Mathematics)

Note: As per the present course structure of may be modified and revised. As directed by UGC having regard to emergency situation created in country due to Covid 19 pandemic.

Career Oriented Courses

In addition to degree courses, the college also offers following complementary Certificate & Diploma courses recognized by North Maharashtra University. Student can pursue these courses in residual hours. These courses strengthen regular academic programmes. These are career oriented soft skills development courses. Student can enroll for these courses simultaneously with their degree course.

Faculty of Science

Sr. No.	Name of Course	Department conducting the course
1	Certificate course in Plant Tissue Culture	Biochemistry
2	Certificate course in Geoinformatics	Geoinformatics
3	Certificate course in Analytical Chemistry	Chemistry
4	Certificate course in Industrial safety and ISO-14000 series	Environmental Science
5	Certificate course in Quality control in Microbiology	Microbiology
6	Certificate course in Animal Tissue Culture	Zoology
7	Certificate Course in Gardening	Botany
8	Certificate course in Organic Product and Audit	Botany
9	Certificate course in Cyber Security	Computer Science
10	Diploma course in Analytical Chemistry	Chemistry
11	Diploma course in Industrial safety and ISO-14000 series	Environmental Science
12	Certificate Course in Laboratory Rat Handling	Zoology
13	Certificate Course in Fish Farming	Zoology

Faculty of Commerce and Management

Sr. No.	Name of Course	Department conducting the course
1	Certificate course in Import-export management	Commerce and Management
2	Certificate course in Entrepreneurial Skills Development	Commerce and Management
3	Certificate course in Web Development Skill	Commerce and Management
4	Certificate course in Cyber Forensics andManagement	Commerce and IT management
5	Certificate course in GST with Tally	Commerce and Management
6	Certificate course in Database Management	Commerce and Management

Faculty of Arts and Humanities

Sr. No.	Name of Course	Department conducting the course
1	Certificate course in Dramatics	Drama
2	Certificate course in Indian vocal music	Music
3	Certificate Course in Library Science	Library
4	Certificate course in Indian Instrumental- Tabla	Music
5	Certificate Course in Assistant Yoga Teacher	Naturopathy and Yoga
6	Certificate course in Indian Dance form	Dance
7	Certificate course in Introductive sanskrit language	Sanskrit
8	Certificate course in Applied counseling	Psychology
9	Diploma course in Applied counseling	Psychology
10	Certificate course in Western Music and Dance	Music
11	Certificate course in Functional English	English
12	Certificate course in Naturopathy and Yogic Science	Naturopathy and Yoga
13	Diploma course in Naturopathy and Yogic Science	Naturopathy and Yoga
14	Diploma course in Dramatics	Drama
15	Diploma course in Indian Dance Form	Dance
16	Diploma in Yoga Teacher	Naturopathy and Yoga
17	Advanced Diploma in Naturopathy and yogic science	Naturopathy and Yoga
18	Advanced Diploma in Applied Counseling	Psychology
19	Certificate Course in Radio program & production	Mass. Comm. & Journalism
20	Certificate course in Event Management	Commerce and Management
21	Diploma in Event Management	Commerce and Management

Eligibility:

Certificate Course: H.S.C. or equivalent qualification from a recognized institution and admitted in NMU affiliated college/institution for higher education.

Diploma Course: Completed certificate course in the same subject and admitted in NMU affiliated college/ institution for higher education.

Advanced Diploma Course: Completed certificate and Diploma course in the same subject and admitted in NMU affiliated college/ institution for higher education.

Computer Science

Mathematics

Physics

M. Sc.- I (Computer Science) (W.E.F 2019-20)

Term/ Semester	Course Module	Subject code	Title of paper	No. of Credits	No. of Hours per week
I	DSC	CS-101	Digital Image Processing	4	4
	DSC	CS-102	Advanced Operating System	4	4
	DSC	CS-103	Practical Course I	4	8
	DSC	CS-104	Practical Course II	4	8
	SEC	CS-105	Advanced C + + programming	4	4
	DSE	CS-106	Automata Theory and Computability	4	4
II	DSC	CS-201	Software Engineering	4	4
	DSC	CS-202	Design and Analysis of Algorithms	4	4
	DSC	CS-203	Practical Course III	4	8
	DSC	CS-204	Practical Course IV	4	8
	GE	CS-205	Optimization Algorithms	4	4
	DSE	CS-206	Artificial Intelligence	4	4

M. Sc.- II (Computer Science)(W.E.F 2020-21)

Term/ Semester	Course Module	Subject code	Title of paper	No. of Credits	No. of Hours per week
III	DSC	CS-301	Advanced network programming	4	4
	DSC	CS-302	Data warehousing and mining	4	4
	DSC	CS-303	Practical based on CS-301 and CS-302	4	8
	DSC	CS-304	Practical based on CS -306	4	8
	SEC	CS-305	Compiler construction	4	4
	DSE	CS-306	Web programming using ASP.NET	4	4
IV	DSC	CS-401	Current computing trends – Python Programming	4	4
	DSC	CS-402	Project and Viva-Voce	8	16
	DSC	CS-403			
	DSC	CS-404	Practical based on CS -401	4	8
	GE	CS-405	Information security	4	4
	DSE	CS-406	Internet of things	4	4

(Affiliated to North Maharashtra University, Jalgaon)

Certificate Course in Cyber Security

Eligibility: The admission shall be opened to any candidate who has passed 12 + 2 Group A examination / Diploma / TE, BE appear with at least 45% marks in aggregate in science.

Conducted by: **Department of Computer Science, M.J.College, Jalgaon**

Duration of the course: One year

Contact: Mrs. H. H. Patil

M. Sc. I Mathematics Course Structure(W.E.F 2019-20)

Term/ Semester	Course Module	Subject code	Title of paper	No. of Credits	No. of Hours per week
I	DSC	MT-101	Measure Theory	4	4
	DSC	MT-102	Advanced Metric Spaces	4	4
	DSC	MT-103	Algebra	4	4
	DSC	MT-104	Differential Equations	4	4
	SEC	MT-105(A) OR MT-105(B)	Programming in C++ OR Numerical Methods	4	4
	DSE	MT-106(A) OR MT-106(B)	Problem course based on MT-101 and 102 OR Problem course based on MT-103 and 104	4	4
II	DSC	MT-201	Complex Analysis	4	4
	DSC	MT-202	Topology	4	4
	DSC	MT-203	Linear Algebra	4	4
	DSC	MT-204	Number Theory	4	4
	GE	MT-205(A) OR MT-205(B)	Mathematical Methods OR Calculus of Variations	4	4
	DSE	MT-206(A) OR MT-206(B)	Problem course based on MT-201 and 202 OR Problem course based on MT-203 and 204	4	4

M. Sc. II Mathematics Course Structure(W.E.F 2020-21)

Term/ Semester	Course Module	Subject code	Title of paper	No. of Credits	No. of Hours per week
III	DSC	MT-301	Functional Analysis	4	4
	DSC	MT-302	Advanced numerical methods	4	4
	DSC	MT-303	Field Theory	4	4
	DSC	MT-304	Lattice Theory	4	4
	SEC	MT-305(A) OR MT-305(B)	Combinatorics OR Fluid dynamics	4	4
	DSE	MT-306(A) or MT-306(B)	Problem course based on MT-301 and MT-302 OR Problem course based on MT-303 and 304	4	4
IV	DSC	MT-401	Linear integral equations	4	4
	DSC	MT-402	Operations Research	4	4
	DSC	MT-403	Commutative Algebra	4	4
	DSC	MT-404	Advanced ring theory	4	4
	GE	MT-405(A) or MT-405(B)	Graph theory OR Algebraic topology	4	4
	DSE	MT-406(A) or MT-406(B)	Problem course based on MT-401 and MT-402 OR Problem course based on MT-403 and MT-404	4	4

Course Structure M.Sc. - I: Physics

Term/ Semester	Course Module	Subject code	Title of paper	No. of Credits	No. of Hours per week
I	DSC	PHY-101	Mathematical Methods For Physics	4	4
	DSC	PHY-102	Classical Mechanics	4	4
	DSC	PHY-103	Quantum Mechanics-I	4	4
	DSC	PHY-104	General Laboratory-I	4	8
	SEC	PHY-105	Modelling Andsimulation Using Matlab	4	4
	DSE	PHY-106	Electronics	4	4
II	DSC	PHY-201	Electrodynamics	4	4
	DSC	PHY-202	Statistical Mechanics	4	4
	DSC	PHY-203	Solid State Physics	4	4
	DSC	PHY-204	General Laboratory-II	4	8
	GE	PHY-205	Renewable Energyand Sources	4	4
	DSE	PHY-206	Elements of Materialscience	4	4

Course Structure M.Sc. - II : Physics

Term/ Semester	Course Module	Subject code	Title of paper	No. of Credits	No. of Hours per week
III	DSC	PHY-301	Atomic and Molecular Physics	4	4
	DSC	PHY-302	Quantum Mechanics-II	4	4
	DSC	PHY-303	Special Laboratory-III	4	8
	DSC	PHY-304	PROJECT-I	4	8
	SEC	PHY-305	Computationalmethods and Programming Using 'C'Language	4	4
	DSE	PHY-306	Materials Synthesis methods	4	4
IV	DSC	PHY-401	Nuclear Physics	4	4
	DSC	PHY-402	Laser and IT'S applications	4	4
	DSC	PHY-403	Special Laboratory-IV	4	8
	DSC	PHY-404	PROJECT-II	4	8
	GE	PHY-405	Solar power plant – design and installation	4	4
	DSE	PHY-406	Characterization of Materials	4	4

Organic Chemistry

Analytical Chemistry

M. Sc. I Organic and Analytical Chemistry Course Structure

Term/ Semester Hours per	Course Module	Subject code	Title of paper	No. of	No. of Credits week
I	DSC	CHA-101/CHO-101	Physical Chemistry-I	4	4
	DSC	CHA-102/CHO-102	Inorganic Chemistry-I	4	4
	DSC	CHA-103/CHO-103	Physical Chemistry Practical	4	8
	DSC	CHA-104/CHO-104	Inorganic Chemistry Practical	4	8
	SEC	CHA-105/CHO-105	Laboratory planning and safety	4	4
	DSE	CHA-106/CHO-106	Organic Chemistry-I	4	4
II	DSC	CHA-201/CHO-201	Physical Chemistry-II,	4	4
	DSC	CHA-202/CHO-202	Inorganic Chemistry-II	4	4
	DSC	CHA-203/CHO-203	Organic Chemistry practical	4	8
	DSC	CHA-204/CHO-204	Analytical Chemistry practical	4	8
	GE	CHA-205/CHO-205	Analysis and monitoring of Environmental Pollution	4	4
	DSE	CHA-206/CHO-206	Organic Chemistry-II	4	4

M. Sc. II Organic Chemistry Course Structure

Term/ Semester	Course Module	Subject code	Title of paper	No. of Credits	No. of Hours per week
III	DSC	CHO-301	Organic reaction mechanism	4	4
	DSC	CHO-302	Stereochemistry	4	4
	DSC	CHO-303	Practical course CHO-I	4	8
	DSC	CHO-304	Practical course CHO-II	4	8
	SEC	CHO-305(A) OR CHO-305B	A) Physical methods in structure determination OR B) Advanced reaction mechanism	4	4
	DSE	CHO-306	Photochemistry, free radical and pericyclic reactions	4	4
IV	DSC	CHO-401	Natural product	4	4
	DSC	CHO-402	Advanced synthetic organic chemistry	4	4
	DSC	CHO-403	Practical course -CHO-III	4	8
	DSC	CHO-404	Research project-CHO-IV	4	8
	GE	CHO-405(A) OR CHO-405(B)	A) Research methodology OR B) Bio- organic chemistry	4	4
	DSE	CHO-406	Hetero and medicinal chemistry	4	4

M. Sc. II Analytical Chemistry Course Structure

Term/ Semester	Course Module	Subject code	Title of paper	No. of Credits	No. of Hours per week
III	DSC	CHA-301	Concepts of Analytical Chemistry	4	4
	DSC	CHA-302	Modern Separation Science	4	4
	DSC	CHA-303	Lab Course- CHA-I	4	8
	DSC	CHA-304	Lab Course- CHA-II	4	8
	SEC	CHA-305(A) OR CHA-305(B)	A) Pharmaceutical Analysis OR B) Bio-Analysis and Analysis of Food	4	4
	DSE	CHA-306	Instrumental Methods of Analysis	4	4
IV	DSC	CHA-401	Spectroscopic Methods ofAnalysis	4	4
	DSC	CHA-402	Special Analytical Methods and Analysis of Complex Materials	4	4
	DSC	CHA-403	Practical course CHA-III	4	8
	DSC	CHA-404	Research project CHA-IV	4	8
	GE	CHA-405(A) OR CHA-405(B)	A) Environmental Analytical Chemistry B) Analysis of Organics and Medicinal	4	4
	DSE	CHA-406	Applications of Nanotechnology	4	4

Certificate Course in Analytical Chemistry
Eligibility: The admission shall be opened to any candidate who has passed 10 + 2 examination with at least 45% marks in aggregate in science.
Conducted by: **Department of Computer Science, M.J.College, Jalgaon**
Duration of the course: One year
Contact: Prof. J. U. Shinde

Diploma Course in Analytical Chemistry
Eligibility: The admission shall be open to candidate who has passed Certificate course in analytical Chemistry.
Conducted by: **Department of Computer Science, M.J.College, Jalgaon**
Duration of the course: One year
Contact: Prof. J. U. Shinde

Microbiology

Biotechnology

M. Sc. I Microbiology Course Structure

Term/ Semester	Course Module	Subject code	Title of paper	No. of Credits	No. of Hours per week
I	DSC	MB-101	Microbial Taxonomy and Diversity	4	4
	DSC	MB-102	Microbial Biochemistry	4	4
	DSC	MB-103	Methods in Microbiology	4	8
	DSC	MB-104	Methods in Biochemistry	4	8
	SEC	MB-105	Techniques in Microbiology	4	4
	DSE	MB-106	Cell and Molecular Biology	4	4
II	DSC	MB-201	Microbial Genetics	4	4
	DSC	MB-202	Microbial Enzymology	4	4
	DSC	MB-203	Methods in Molecular Biology and Immunology	4	8
	DSC	MB-204	Methods in Enzymology	4	8
	GE	MB-205	Bioanalytical Techniques	4	4
	DSE	MB-206	Immunology	4	4

M. Sc. II Microbiology Course Structure

Term/ Semester	Course Module	Subject code	Title of paper	No. of Credits	No. of Hours per week
III	DSC	MB 301	Applied and Environmental Microbiology	4	4
	DSC	MB-302	Pharmaceutical Microbiology	4	4
	DSC	MB-303	Practical course in biotechnology	4	8
	DSC	MB-304	Practical course in applied microbiology	4	8
	SEC	MB-305	Research Methodology	4	4
	DSE	MB-306	Agricultural Microbiology	4	4
IV	DSC	MB-401	Fermentation Technology	4	4
	DSC	MB-402	Applied Molecular Biology	4	4
	DSC	MB-403	Practical course in biostatistics and Bioinformatics	4	8
	DSC	MB-404	Project Dissertation	4	8
	GE	MB-405	Biostatistics and Bioinformatics	4	4
	DSE	MB-406	Bioentrepreneurship in Microbiology	4	4

(Affiliated to North Maharashtra University, Jalgaon)
Certificate Course in Quality Control in Microbiology
Eligibility: H.S.C. or equivalent qualification from recognized institution
Conducted by: **Department of Microbiology, M.J.College, Jalgaon**
Duration of the course: One year
Contact: Dr. K. P. Narkhede

M. Sc. I Biotechnology Course Structure

Term/ Semester	Course Module	Subject code	Title of paper	No. of Credits	No. of Hours per week
I	DSC	BT-101	BioMolecules	4	4
	DSC	BT-102	Microbial Diversity and Physiology	4	4
	DSC	BT-103	Lab course –I on Methods in	4	8
	DSC	BT-104	Biochemistry and Molecular Biology Lab course – II on Methods in Microbiology and Biotechnology	4	8
	SEC	BT-105	Public Health and Vaccinology	4	4
	DSE	BT-106	Cell and Molecular Biology	4	4
II	DSC	BT-201	Immunology	4	4
	DSC	BT-202	Plant biotechnology	4	4
	DSC	BT-203	Lab course – III on Methods in plant tissue culture	4	8
	DSC	BT-204	Lab course – IV on Methods in Industrial Biotechnology and Immunology	4	8
	GE	BT-205	Techniques in Biology	4	4
	DSE	BT-206	Bioprocess Technology	4	4

M. Sc. II Biotechnology Course Structure

Term/ Semester	Course Module	Subject code	Title of paper	No. of Credits	No. of Hours per week
III	DSC	BT-301	Advanced Environmental Biotechnology	4	4
	DSC	BT-302	Recombinant DNA technology	4	4
	DSC	BT-303	Lab course –V on Environmental biotechnology	4	8
	DSC	BT-304	Lab course - VI on Food Biotechnology	4	8
	SEC	BT-305	Research Methodology	4	4
	DSE	BT-306	Food technology and Neutrigenomics	4	4
IV	DSC	BT-401	Advanced pharma and process biotechnology	4	4
	DSC	BT-402	Genomics and proteomics	4	4
	DSC	BT-403	Lab course –VII on methods in biotechnology	4	8
	DSC	BT-404	Lab course –VIII Project dissertation	4	8
	GE	BT-405	Biostatistics and Bioinformatics	4	4
	DSE	BT-406	Bio entrepreneurship	4	4

Botany

Zoology

Geography

M. Sc. I Botany Course Structure

Term/ Semester	Course Module	Subject code	Title of paper	No. of Credits	No. of Hours per week
I	DSC	BOT-101	Diversity Lower Cryptogams	4	4
	DSC	BOT-102	Taxonomy of Angiosperms	4	4
	DSC	BOT-103	Practical Course based on BOT-101	4	8
	DSC	BOT-104	Practical Course based on BOT-102	4	8
	SEC	BOT-105	Plant Biotechnology	4	4
	DSE	BOT-106	Cell and Molecular Biology	4	4
II	DSC	BOT-201	Diversity Higher Cryptogams	4	4
	DSC	BOT-202	Plant Physiology & Biochemistry	4	4
	DSC	BOT-203	Practical Course based on BOT-201	4	8
	DSC	BOT-204	Practical Course based on BOT-202	4	8
	GE	BOT-205	Techniques in Biology	4	4
	DSE	BOT-206	Environmental Botany and Phytogeography	4	4

M. Sc. I Botany Course Structure

Term/ Semester	Course Module	Subject code	Title of paper	No. of Credits	No. of Hours per week
III	DSC	BOT-301	Gymnosperms and paleobotany	4	4
	DSC	BOT-302.1	Genetics and plant breeding special paper I	4	4
	DSC	BOT-302.2	Angiosperm taxonomy special paper I	4	4
	DSC	BOT-303	Practical course based on BOT-301	4	8
	DSC	BOT-304.1	Practical course based on BOT-302.1	4	8
	DSC	BOT-304.2	Practical course based on BOT-302.2	4	8
	SEC	BOT-305	Research methodology	4	4
	DSE	BOT-306	Genetics and plant breeding and Evolution	4	4
IV	DSC	BOT-401.1	Genetics and plant breeding Special paper II	4	4
	DSC	BOT-401.2	Angiosperm taxonomy Special paper II	4	4
	DSC	BOT-402.1	Genetics and plant breeding Special paper III	4	4
	DSC	BOT-402.2	Angiosperm taxonomy Special paper III	4	4
	DSC	BOT-403.1	Practical based on BOT-401 and BOT-402	4	8
	DSC	BOT-403.2	Practical based on BOT-401.2 and BOT-402.2	4	8
	DSC	BOT-404	Project	4	8
	GE	BOT-405	Biostatistics and bioinformatics	4	4
	DSE	BOT-406	Reproductive biology	4	4

(Affiliated to North Maharashtra University, Jalgaon)
Certificate Course in Organic Products and Audit
Eligibility: The admission shall be opened to any candidate who has passed 10 + 2 examination with at least 45% marks in aggregate in science.
Conducted by: **Department of Botany, M.J.College, Jalgaon**
Duration of the course: One year
Contact: Dr. J. G. Magar

Certificate Course in Gardening
Eligibility: The admission shall be opened to any candidate who has passed 10 + 2 examination with at least 45% marks in aggregate in science.
Conducted by: **Department of Computer Science, M.J.College, Jalgaon**
Duration of the course: One year
Contact: Dr. J. G. Magar

M. Sc. I Zoology Course Structure

Term/ Semester	Course Module	Subject code	Title of paper	No. of Credits	No. of Hours per week
I	DSC	ZOO-101	Structural and Functional Organization of Invertebrates	4	4
	DSC	ZOO-102	Dairy Science	4	4
	DSC	ZOO-103	Practical based on DSC-ZOO-101	4	8
	DSC	ZOO-104	Practical based on DSC-ZOO-102	4	8
	SEC	ZOO-105	Zoology Laboratory management and Safety	4	4
	DSE	ZOO-106	Development Biology	4	4
II	DSC	ZOO-201	Structural and Functional4 Organization of Invertebrates	4	
	DSC	ZOO-202	Biochemistry	4	4
	DSC	ZOO-203	Practical based on DSC-ZOO-201	4	8
	DSC	ZOO-204	Practical based on DSC-ZOO-202	4	8
	GE	ZOO-205	Techniques in Biology	4	4
	DSE	ZOO-206	Animal Biotechnology	4	4

M. Sc. II Zoology Course Structure

Term/ Semester	Course Module	Subject code	Title of paper	No. of Credits	No. of Hours per week
III	DSC	ZOO-301	Animal physiology I / Fishery science I	4	4
	DSC	ZOO-302	Developmental biology	4	4
	DSC	ZOO-303	Practical based on ZOO-301	4	8
	DSC	ZOO-304	Practical Based on ZOO-302	4	8
	SEC	ZOO-305	Biostatistics	4	4
	DSE	ZOO-306	Toxicology	4	4
IV	DSC	ZOO-401	Animal physiology II / Fishery science II	4	4
	DSC	ZOO-402	Inheritance biology	4	4
	DSC	ZOO-403	Practical based on ZOO-401	4	8
	DSC	ZOO-404	Practical based on ZOO-402 and Dissertation	4	8
	GE	ZOO-405	Research methodology	4	4
	DSE	ZOO-406	Insect pest management	4	4

(Affiliated to North Maharashtra University, Jalgaon)

Certificate Course in Animal Tissue Culture (ATC)
Eligibility: 12th science pass.
Conducted by: **Department of Zoology, M.J.College, Jalgaon**
Duration of the course: One year
Contact: Dr. M. Z. Chopda

Certificate Course in Laboratory Rat Handling
Eligibility: 12th science pass.
Conducted by: **Department of Zoology, M.J.College, Jalgaon**
Duration of the course: One year
Contact: Dr. M. Z. Chopda

Certificate Course in Fish Farming
Eligibility: 12th science pass.
Conducted by: **Department of Zoology, M.J.College, Jalgaon**
Duration of the course: One year
Contact: Dr. N. D. Rathod

M. Sc. I: Geography Course Structure

Term/ Semester	Course Module	Subject code	Title of paper	No. of Credits	No. of Hours per week
I	DSC	GG-101	Geomorphology	4	4
	DSC	GG-102	Climatology	4	4
	DSC	GG-103	Practical in Geomorphology	4	8
	DSC	GG-104	Practical in Climatology	4	8
	SEC	GG-105	Fundamentals of GIS	4	4
	DSE	GG-106	A) Introduction to Global Environmental Issues	4	4
			B) Element of Cartography	4	4
II	DSC	GG-201	Human Geography	4	4
	DSC	GG-202	Economic Geography	4	4
	DSC	GG-203	Practical in Human & Economic Geography	4	8
	DSC	GG-204	Practical in Thematic Cartography	4	8
	GE	GG-205	A) Introduction to GNSS	4	4
			B) Biogeography	4	4
	DSE	GG-206	A) Geography of Water Resources	4	4
			B) Geography of Health	4	4

M.A/M. Sc. II Geography Course Structure

Term/ Semester	Course Module	Subject code	Title of paper	No. of Credits	No. of Hours per week
III	DSC	GG-301	Geography of Resource Management	4	4
	DSC	GG-302	Geostatistical Methods	4	4
	DSC	GG-303	Practical: Interpretation of Satellite Images & Aerial Photography	4	8
	DSC	GG-304	Practical: Interpretation of SOI Topographical Maps	4	8
	SEC	GG-305	Remote Sensing Techniques	4	4
	DSE	GG-306	A) Regional Planning & Development	4	4
			B) Geography of Sustainable Development	4	4
IV	DSC	GG-401	Applications of Geoinformatics	4	4
	DSC	GG-402	Research Methodology in Geography	4	4
	DSC	GG-403	Practical in Digital Image Processing	4	8
	DSC	GG-404	Project (Based on Field Visit)	4	8
	GE	GG-405	A) Disaster management OR	4	4
			B) Geography of Tourism	4	4
	DSE	GG-406	A) Geographical Thoughts OR	4	4
			B) Watershed Management & Planning	4	4

Certificate Course in Certificate Course in Geoinformatics
Eligibility: H.S.C. Passed with Basic Knowledge of Computer.
Conducted by: **Department of Computer Science, M.J.College, Jalgaon**
Duration of the course: One year
Contact: Dr. P. P. Jangle

Statement Showing minimum fees for the Admission to Jr. M.Sc/Jr. MA.(Geo.) Students for the academic year 2020-21

		Comp. Sci	I.T.	Maths	Micro/ Bio Chem./ Bio Tech.	Botany / Zoology	Org./ Ana Chem./PHY	M.A. / M.SC. Geo
1	Tution Fee	12000	12000	7000	12000	12000	12000	5000
2	Gymkhana Fee	200	200	200	200	200	200	200
3	Student Welfare Fee	50	50	50	50	50	50	50
4	Library Fee	400	400	400	400	400	400	400
5	Computerization Fee	20	20	20	20	20	20	20
6	Student Aid Fund	100	100	100	100	100	100	100
7	Admission Fee	75	75	75	75	75	75	75
8	Medical Fee	25	25	25	25	25	25	25
9	Tutorial Fee	100	100	100	100	100	100	100
10	Magazine Fee	40	40	40	40	40	40	40
11	Development Fee	100	100	100	100	100	100	100
12	Laboratory Fee	9000	9000		9000	3000	5000	2000
13	Gathering Fee	60	60	60	60	60	60	60
14	Registration Fee	75	75	75	75	75	75	75
15	Ashwamegh Fee	30	30	30	30	30	30	30
16	Disaster Fee	10	10	10	10	10	10	10
17	Pro-rata Fee	1	1	1	1	1	1	1
18	Group insurance	10	10	10	10	10	10	10
19	Students Activities	75	75	75	75	75	75	75
20	Practical Fee							
21	Computer Fee							
22	Internet Fee	200	200	200	200	200	200	200
23	Practical Exam Fee							
24	General Knowledge Fee							
25	Eniv. Fee							
26	Eligibility Fee							
27	Deposit	1100	1100	400	1100	1100	1100	400
28	Faculty Change Fee							
29	Subject Change Fee							
30	College Change Fee							
31	Readmission Fee							
32	Counciling Fee	100	100	100	100	100	100	
33	Placement Fee							
34	MKCL Fee	50	50	50	50	50	50	50
35	Alumni Asso. Fee							
36	Personality Development &Career guidance Fee	25	25	25	25	25	25	25
37	Miscellaneous Fee							
38	Alternate power Generation	350	350	350	350	350	350	350
38	ID Card	15	15	15	15	15	15	15
		24211	**24211**	**9511**	**24211**	**18211**	**20211**	**9411**

Statement Showing minimum fees for the Admission to Sr. M.Sc/Sr. MA.(Geo.) Students for the academic year 2020-21

		Comp. Sci	I.T.	Maths	Micro/ Bio Chem./ Bio Tech.	Botany / Zoology	Org./ Ana Chem./PHY	M.A. / M.SC. Geo
1	Tution Fee	12000	12000	7000	12000	12000	12000	5000
2	Gymkhana Fee	200	200	200	200	200	200	200
3	Student Welfare Fee	50	50	50	50	50	50	50
4	Library Fee	400	400	400	400	400	400	400
5	Computerization Fee	20	20	20	20	20	20	20
6	Student Aid Fund	100	100	100	100	100	100	100
7	Admission Fee	75	75	75	75	75	75	75
8	Medical Fee	25	25	25	25	25	25	25
9	Tutorial Fee	100	100	100	100	100	100	100
10	Magazine Fee	40	40	40	40	40	40	40
11	Development Fee	100	100	100	100	100	100	100
12	Laboratory Fee	9000	9000		9000	3000	5000	2000
13	Gathering Fee	60	60	60	60	60	60	60
14	Registration Fee	75	75	75	75	75	75	75
15	Ashwamegh Fee	30	30	30	30	30	30	30
16	Disaster Fee	10	10	10	10	10	10	10
17	Pro-rata Fee	1	1	1	1	1	1	1
18	Group insurance	10	10	10	10	10	10	10
19	Students Activities	75	75	75	75	75	75	75
20	Practical Fee							
21	Computer Fee							
22	Internet Fee	200	200	200	200	200	200	200
23	Practical Exam Fee							
24	General Knowledge Fee							
25	Eniv.Fee							
26	Eligibility Fee							
27	Deposit							
28	Faculty Change Fee							
29	Subject Change Fee							
30	College Change Fee							
31	Readmission Fee							
32	Counseling Fee	150	150	150	150	150	150	
33	Placement Fee							
34	MKCL Fee	50	50	50	50	50	50	50
35	Alumni Asso. Fee	100	100	100	100	100	100	100
36	Personality Development &Career guidance Fee	25	25	25	25	25	25	25
37	Miscellaneous Fee							
38	Alternate power Generation	350	350	350	350	350	350	350
38	ID Card	15	15	15	15	15	15	15
		23261	**23261**	**9261**	**23261**	**17261**	**19261**	**9111**

Disciplinary Rules

1. Every student shall wear clean, suitable and presentable clothing. For various functions, the prescribed uniform must be worn.
2. Students shall abide by all the general and special rules framed by the college authorities, from time to time, with regard to their presence within the campus.
3. Students are admitted to the college, subject to the control of the authorities with regard to their conduct in college premises.
4. Students shall not remain absent for lectures and practicals without proper permission of HOD. An application for leave of absence should be submitted to the concerned Vice-Principal.
5. No students will be allowed to take active part in any political activity, directly or indirectly, associated with anti-social activity with the aim of violence.
6. Students should not, in any way, disfigure the premises of the college and hostel building or tamper with the furniture, electric connections, laboratory apparatus, etc.
7. Every student must obtain college identity card within a month from the date of admission. Otherwise, he / she will be subjected to a penalty of Rs.50.
8. Every student must have college identity card with him/her at all times in the college premises.
9. Students are strictly prohibited to smoke, consume drugs, narcotics, tobacco, Gutkha, in college premises. Not only this, but if a student, is found in possession of narcotics and drugs, he will be liable for punishment under the Mumbai Police Act. 1951.
10. Ragging and such similar activities are strictly prohibited. Breach of these and such other rules will make the students liable for expulsion from the college.
11. Use of a cell phone is prohibited in the classroom, laboratories & library.
12. Only one sticker will be provided for the two-wheeler of a student. No two-wheeler will be allowed to enter the college premises without the sticker pasted on it.

University Ordinance Regarding Maintenance of Discipline & Good Conduct

UGC Regulations on Curbing the menace of Ragging in Higher Educational Institutions, 2009 -

The University ordinance regarding maintenance of discipline and good conduct; and the rules regarding complaints and grievances of women regarding sexual harassment at the work place under University statutes are available on the college and university website.

Student's Charter as proposed by NAAC

A) Institution's responsibilities towards students :

The institution shall

- communicate its goals and objectives systematically and clearly to all students. Offer programmes that are consistent with its goals and objectives.
- offer a wide range of programmes with adequate flexibility.
- obtain feedback from students on the initiation, review and redesign of programmes if and when necessary. Facilitate effective running of the teaching- learning programmes.
- implement a well- conceived plan for monitoring students' progress continuously.
- ensure that the student's assessment mechanism is reliable and valid .
- provide clear information to students about admission and complete requirements for all programmes, like fees and refund policies, financial aid and student support services.
- ensure sufficient and well-run support services to all students.
- promote healthy practices

B) Student's responsibilities of learning :

A student shall

- appreciate the institutional goals and objectives and contribute to the realization of the same by participating in relevant institutional activities.
- have a clear knowledge of the programmes, admission policies, rules and regulations of the institution.
- follow the time schedules, rules and regulation of the institution.
- undertake regular and intense study of learning materials .
- make optimum use of the learning and other support services available in the institution.
- prepare for continued internal assessment and end examinations.
- give feedback for system's improvement.
- have faith to pursue life-long learning.
- live as worthy alumni of the institution.

ANTI - RAGGING

According To Ugc Regulations on Curbing The Menace of Ragging In Higher Educational Institutions, 2009.

Administrative action in the event of ragging. :

1) The institution shall punish a student found guilty of ragging after following the procedure and in the manner prescribed hereinunder:

a) The Anti-Ragging Committee of the institution shall take an appropriate decision, in regard to punishment or otherwise, depending on the facts of each incident of ragging and nature and gravity of the incident of ragging established in the recommendations of the Anti-Ragging Squad.

b) The Anti-Ragging Committee may, depending on the nature and gravity of the guilt established by the Anti-Ragging Squad, award, to those found guilty, one or more of the following punishments, namely;

i. Suspension from attending classes and academic privileges.

ii. Withholding/ withdrawing scholarship / fellowship and other benefits.

iii. Debarring from appearing in any test/ examination or other evaluation process.

iv. Withholding results.

v. Debarring from representing the institution in any regional, national or international meet, tournament, youth festival, etc.

vi. Suspension/ expulsion from the hostel.

vii. Cancellation of admission.

viii. Rustication from the institution for period ranging from one to four semesters.

ix. Expulsion from the institution and consequent debarring from admission to any other institution for a specified period. Provided that where the persons committing or abetting the act of ragging are not identified, the institution shall resort to collective punishment.

c) An appeal against the order of punishment by the Anti-Ragging Committee shall lie,

i. in case of an order of an institution, affiliated to or constituent part, of a University, to the Vice-Chancellor of the University; 21

ii. in case of an order of a University, to its Chancellor.

iii. in case of an institution of national importance created by an Act of Parliament, to the Chairman or Chancellor of the institution, as the case may be.

SEXUAL HARASSMENT CONTROLLING MEASURES

Rules Relating To Complaints And Grievances of Women Regarding Sexual Harassment At The Work Place Under University Statute

Sexual Harassment at the Workplace means and includes: Unwelcome sexually- determined behavior (whether directly or by implication) such as – (a) Physical Contact and advances (b) A Demand and request for Sexual Favours (c) Sexually-Coloured Remarks (d) Showing pornography (e) Any Other Unwelcome Physical, Verbal or Non-Verbal Conduct of a Sexual Nature (f) Any conduct which is humiliating a woman

Penalties And Punishment For Sexual Harassment –

1. The committee shall impose and/or recommend penalty to a person found guilty of sexual harassment.

2. Any employee or student found guilty of sexual harassment shall be liable to be punished.

3. The Hon'ble Vice-Chancellor will take decision regarding filing of criminal complaint against the concerned person as he deems fit.

4. A person found guilty of "sexual harassment" shall be subject to the same penalties for major and minor misconduct as is prescribed under the Statutes of the University for the teaching staff and as per the Standard Code for the non-teaching staff.

5. A student found guilty of sexual harassment shall be liable to receive the following penalties-

Minor Penalties-

(I) Warning (ii) Written apology (iii) Bond of good behavior (iv) Debarring entry into a hostel/campus (v) Suspension for a specified period of time (vi) Withholding results.

Major Penalties-

(i) Debarring from examinations

(ii) Expulsion from University/ College / Institution

6. Any direction issued by the Committee for placing any person under suspension and /or for prohibiting him from entering the premises or for imposing a penalty shall be communicated to the University, affiliated or autonomous college/s, autonomous institution /s or department /s or recognized institution /s and the concerned Management, it shall also be communicated to the person making the complaint and the person against whom the complaint is made; the direction shall be complied with the University or the Management concerned, as the case may be, within two weeks from the date of communication.

7. In an extreme case of physical assault or rape, the person charged will be immediately suspended until the completion of the inquiryand police complaint also be lodged.

8. The Disciplinary Authority in respect of the employee working in the University shall be the Vice-Chancellor.

Officers under Maharashtra Right to Information Act, 2005

As per the provisions of Maharashtra Right to Information Act. 2005 following are the designated officers

Information officer

Academic Information	: Vice Principal (Arts, Science & Commerce Faculty wise) M. J. College, Jalgaon
Admission and Other Services	: Registrar, M. J. College, Jalgaon
Girls' Hostel	: Rector, M. J. College Campus, Jalgaon
Boys' Hostel	: Rector, M. J. College Campus, Jalgaon

Appellate authority

Principal, M. J. College, Jalgaon

महाविद्यालय – गीत

ज्ञानभूमीच्या रजतकणांचा कुंकुम माथा भरु!
जयजयकार करु! सर्वही जयजयकार करु!

जीवनातही रम्य – पौर्णिमा छात्रकळा लाभली
गुरुचंद्राच्या कृपाप्रसादे चित्तवृत्ती तोषली
स्नातक होता अवघे जीवन सुखात लागे झरु!

देश – धर्म संस्कृती भेटवी ग्रंथ सत्य–दर्शनी
सद्‌गुण संस्काराची लाभे अक्षय संजीवनी
भूत–भविष्य वर्तमान हा इथेच जाणे धरु!

जीवनास या लाभे येथे दिव्य – भव्य – पूर्तता
वास्तु स्वर्ग हा जन्मा घालो स्वप्न – ध्येय सांगता
व्दिजापरी मन स्वातंत्र्यांचे मंत्र लागते स्मरु!

नवा जन्म हा वास्तव्यातून घडे विश्वचेतना
मानवतेच्या संकल्पाची उजळून ये भावना
कला–क्रीडा विज्ञान मार्ग हे कर्तव्य आचरु!

ज्ञान हीच संपदा केवला शक्ती भक्ती खरी
सरस्वतीचे वीणास्त्र हे निनादती अंतरी
साधनेत या मुल्जीयन्स हे रंग लागले भरु !

प्रा.राजा महाजन

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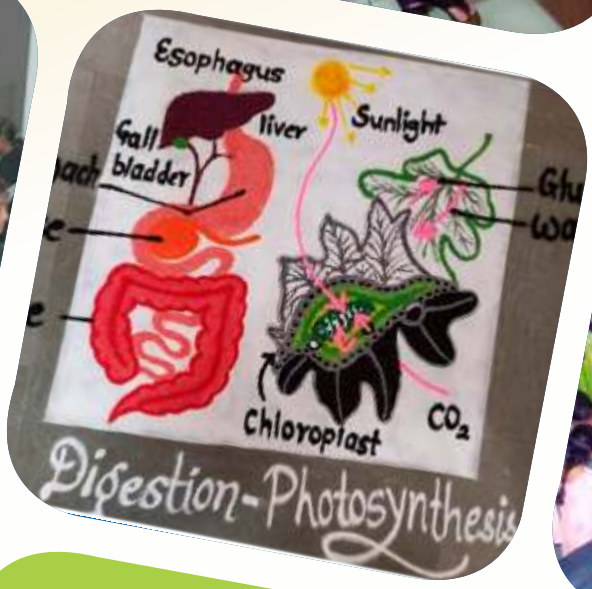
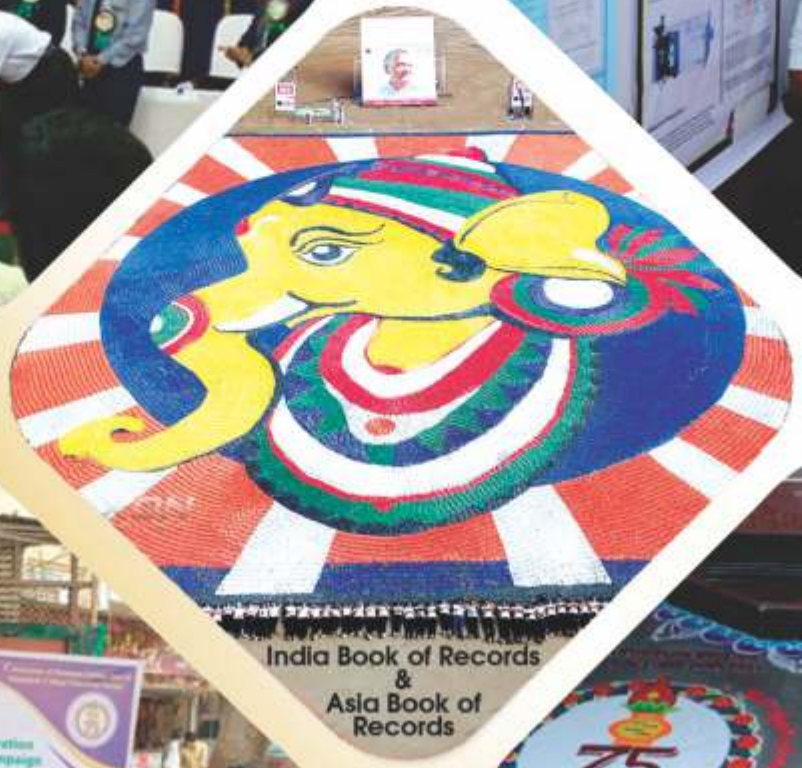

Esophagus
liver
Sunlight
Gall
bladder
Chloroplast
CO_2
Digestion-Photosynthesis



India Book of Records
&
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