R.E.Society's

R.P.Gogate College of Arts & Science And

R.V.Jogalekar College of Commerce, Ratnagiri

Re-accredited by NAAC-Bangalore - "A" Grade (4th Cycle)

DBT's STAR College

ISO 9001-2015 Certified College

Handbook for Students

2023-2024

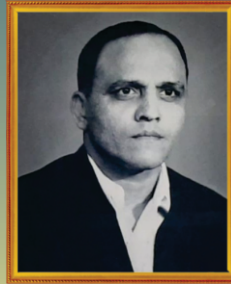**Email :** gjcrtn@gmail.com **Web Site :** www.resgjcrtn.com

Contact No. 7588264348

Adv. J. V. Joshi   **Mrs. Malatibai Joshi**

Shri.N.R.Gogate   **Shri.R.V.Jogalekar**

Our Patron : -   The college has been established in the year 1945 by the two noted educationalist with a vision for the future development of the region, namely Late Adv. J. V. Alias Baburao Joshi and Mrs. Malatibai Joshi. They had a dream to have a well-established, soundly footed, multidimensional college. With pride, we can now say that the college has fulfilled the dreams of founders.

Adv. J. V. Alias Baburao Joshi : A lawyer by profession and native of Devrukh (Dist. Ratnagiri), Late Adv. J. V. Alias Baburao Joshi was inspired by the thoughts of Bharatratna Maharshi Dhondo Keshav Karve. He opened a school for girls in Ratnagiri in 1925 and started R.P.Gogate College of Arts and Science in 1945. He was the longest serving secretary of Ratnagiri Education Society.

Mrs. Malatibai Joshi : She was Graduated from Pune under the guidance of Maharshi Dhondo Keshav Karve. Mrs. Malatibai helped her husband in his work for educational development of Konkan. She was known as "Wife-Friend-Secretary" of Mr.Baburao Joshi. She taught in Mahila Vidyalay and was honoured as the best teacher by the President of India.

Late Shri.N.R.Gogate : "Founder Donor of R.P.Gogate College of Arts and Science.

Late Shri.R.V.Jogalekar : Founder Donor of R.V.Jogalekar College of Commerce

राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

The Executive Committee of the

National Assessment and Accreditation Council

on the recommendation of the duly appointed

Peer Team is pleased to declare the

R. E. Society's

R. P. Gogate College of Arts and Science and

R. V. Jogalekar College of Commerce

Ratnagiri, affiliated to University of Mumbai, Maharashtra as

Accredited

with CGPA of 3.22 on four point scale

at A grade

valid up to July 14, 2024

Date : July 15, 2019

Director

EC(SC)/42/RAR/MHCOGN10159

Certificate of Registration

This is to Certify that
Quality Management System of

R.P. GOGATE COLLEGE OF ARTS AND SCIENCE AND R. V. JOGALEKAR COLLEGE OF COMMERCE , RATNAGIRI

NEAR DISTRICT COURT , ADV. N. V. JOSHI ROAD, RATNAGIRI - 415612, MAHARASHTRA, INDIA.

has been assessed and found to conform to the requirements of

ISO 9001:2015

for the following scope :

PROVISION OF UNDER GRADUATE AND POST GRADUATE EDUCATION SERVICES TO THE STUDENTS OF ARTS, COMMERCE AND SCIENCE IN ACCORDANCE WITH GENERAL CURRICULUM AS PRESCRIBED BY UNIVERSITY OF MUMBAI. AS PER THE RULES AND REGULATIONS OF GOVT. OF MAHARASHTRA & UGC, NEW DELHI.

Certificate No	: **22IQJJ69**		
Initial Registration Date	: 08/04/2022	Issuance Date	: 08/04/2022
Date of Expiry	: 07/04/2025		
1st Surve. Due	: 08/03/2023	2nd Surve. Due	: 08/03/2024

Director

IAS

ACCREDITED
Management Systems
Certification Body
MSCB-119

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT
IAF

AQC MIDDLE EAST LLC

TABLE OF CONTENT

WELCOME TO COLLEGE

R. P. Gogate College of Arts & Science and R. V. Jogalekar College of Commerce, Ratnagiri is situated on coastal area of the Konkan Region of the Maharashtra State. Our college is a leading college in Konkan region with competent staff, adequate infrastructure and motivated students. The college is affiliated to University of Mumbai and offers various undergraduate, post graduate and PhD research programmes. The College also has an excellent Library, Boys and Girls Hostels on the College premises and a modern gymnasium for the students & the staff.

For the past glorious 75 years the College has been helping talented students from both rural and urban areas of Ratnagiri to make the most of their abilities. Situated in the heart of the Hamlet city of Ratnagiri, it is one of the oldest colleges in the entire konkan region. The College has changed quite dramatically over the decades in physical appearance, infrastructure, programmes and courses we teach and in the careers of the students. However one thing that has not changed is our vision and mission of helping students to be successful and fulfilling futures. There are around 3700 students studying from UG to PG and PhD programmes. Quite a sizable amount of students are accommodated in hostels both boys and girls in this campus. Imparting education, knowledge and providing student support is our primary focus. The college has an exceptionally rich sporting, cultural, research and social life.

We are fortunate to have our own sports ground, well equipped gymnasium, 65 classrooms, international standard badminton hall, two seminar rooms , well equipped pure and life sciences laboratories, three canteens, botanical garden, girls and boys common rooms and rich well-equipped open access digitized library.

The college has been accredited by NAAC Bangalore for the 4th Cycle with an 'A' grade and 3.22 CGPA. UGC New Delhi has awarded the special grant to enhance the overall competency of the college under the CPE scheme. We are proud to have ISO 9001-2015 Certification for College. The Department of Science and Technology, Government of India has awarded FIST(O-level)grant for improvement in Science and Technology Infrastructure.

The combination of all these factors means college has a relaxed, friendly and open atmosphere with an activity engaged student body.

Dr.Prafulladatt P. Kulkarni
Principal

STUDENT CHARTER

Every stakeholder of higher education has a role to play for quality enhancement and sustenance. The stakeholders such as the Government, management, teachers, students and the external quality assurance agencies have an important role in ensuring quality of higher education. The National Assessment and Accreditation Council (NAAC) strives to play a catalytic role in synergising the stakeholders efforts.

Of all the stakeholders mentioned above, the students have a unique role to play in ensuring quality of higher education institutions (HEIs). Firstly, the students should realize that they have the right for quality education and it is the responsibility of the HEIs to provide quality educational experience to learners. Secondly, the students should equally be aware of their responsibilities which in turn will help the institutions to provide quality education. This means that the students should demand quality education and demonstrate their commitment to quality education by accepting their responsibilities. Otherwise the HEIs will have very little motivation for quality enhancement.

An initiation has been made by the National Assessment and Accreditation Council (NAAC) in this direction by developing a sample student charter for all higher education institutions. It is hoped that the charter will help educational institutions to articulate their obligations to learners in clear terms and can be used as a benchmark for institution's accountability to learners. The NAAC advocates the public display of student charter in every institution as an act of promotion of student participation in Quality Assurance.

A) Institution's responsibilities towards students :-

The institution shall

1.   communicate its goals and objectives systematically and clearly to all students

2.   offer programmes that are consistent with its goals and objectives

3.   offer a wide range of programmes with adequate academic flexibility

4.   use feedback from students on the initiation, review and redesign of programmes if and when necessary

5.   facilitate effective running of the teaching-learning programmes

6.   implement a well-conceived plan for monitoring student progress continuously

7.   ensure that the student assessment mechanism is reliable and valid

8. provide clear information to students about admission and completion requirements for all programmes, the fee structure and refund policies, financial aid and student support services

9. ensure sufficient and well-run support services to all students

10. promote values, social responsibilities and good citizenry in all students

B] Students' Responsibilities of Learning :-

The student shall

1. appreciate the institutional goals and objectives and contribute to the realisation of the same by participating in relevant institutional activities

2. have a clear knowledge of the programmes, admission policies, rules and regulations of the institution

3. understand the teaching-learning strategies and evaluation systems of the institution.

4. follow the time schedules, rules and regulations of the institution

5. undertake regular and intense study of learning materials

6. make optimum use of the learning resources and other support services available in the institution

7. prepare for continuous internal assessment and term-end examinations

8. give feedback for system improvement

9. have faith and ability to pursue lifelong learning

10. live as worthy alumni of the institution

Code of Conduct for Students

1.   Students are responsible for their behaviour, both in and outside the College. They are prohibited from visiting any other College without the written permission of the Principal of the college.

2.   Every student must always be decently and neatly dressed, befitting the academic environment.

3.   Smoking is strictly prohibited in and around the College premises.

4.   Students must maintain strict silence in the classroom, Library, Reading Room, Laboratories and in the corridors where classrooms are located.

5.   Students must not loiter in the corridors when classes are going on. When they are free, they should go to the Reading Room, Library or the students' common room.

6.   Students must not attend any class other than their own without prior permission of the professor concerned.

7.   Students must take proper care of college property, and help in keeping the premises neat and clean. Students must not write on the blackboard, nor disfigure walls, tables or benches. Any willful damage to the property of the college will be dealt with as a breach of discipline.

8.   Student has to take the written permission of the Principal to start or join any outside organization.

9.   No person shall be invited to address a college meeting or to occupy the chair at the college debate, meetings or functions without the previous permission of the Principal.

10.   Students are not allowed to invite any outsider to the college or to the college canteen.

11.   No student should, without the permission of the Principal, write to the Press or communicate any information to it about matters relating to college administration.

12.   A student must not, directly or indirectly, do any act, which in the opinion of the Principal, is or may be detrimental to the working of the college or to the interest of the students or the maintenance of discipline.

13.   If a student remains absent without leave for any length of time, his/her name is liable to be removed from the college rolls.

14.   Failure to observe any of the above rules will call for disciplinary action against the student.

The College expects every student to abide by the following Code of Conduct:

1.   Students must wear their Identity Card when they are in the college premises. Transfer of Identity Card is a criminal offence. The student will be liable to expulsion from the College.

2.   Littering in the classrooms, corridors & the campus is prohibited. Please use the dustbins provided all around. Maintain plastic free campus. Offenders will be penalised.

3.   Sitting on the vehicles in the college compound or on a road is strictly prohibited.

4.   Loitering or Crowding on a-Road is also prohibited. Students are required to remain in the college campus during their free hours.

5.   Mobile Phones if carried by the students should be switched off while in classroom, library & corridors of the college. If these instructions are not followed, the instrument will be confiscated and the concerned student will also be levied fine.

6.   Ragging is banned in this institution. A student involving in any such act will be expelled from college.

VISION, MISSION, OBJECTIVES AND CORE VALUES

Vision:

To empower the young masses with quality higher education at affordable cost and to enrich the environment through their creative and constructive deeds.

Mission:

To provide our huge and diverse young human resources with knowledge, skills, values and opportunities at affordable cost to:

1. Help them realize their hidden talents and true potential in order to bring them joy and success &

2. Enable them to become cultured, creative and constructive citizens in order to enrich their natural, cultural and socio-political environment.

Our Objectives:

1. To provide through affordable conventional degree programmes the basic higher education to majority of the second generation learners of this underprivileged region who are socio-economically as well as educationally weak.

2. To develop global competences and higher order skills among aspiring students by offering advanced professional UG, PG & doctoral programmes as well as value added courses.

3. To train and retrain the faculty to conduct all the curricular, co-curricular and extra-curricular activities as student centred, meaningful, fruitful and quality endeavours.

4. To equip the students, teachers and non-teaching staff with advanced infrastructure and E-Systems to make the college a College with Excellence

5. To create research culture among the students through periodic well designed research activities for all classes.

6. To encourage and facilitate research and extension activities related to regional issues.

7. To organize variety of exposure activities through various agencies and platforms to provide opportunities for identification of individual talent, interests and inclinations of the students of diverse kinds.

8. To empower the female stakeholders by providing safe and secure ambiance and supportive systems, opportunities and facilities to attain their optimum potential and become valuable assets of the society.

9. To inculcate among the youth a strong belief in core values such as peace, co-operation , non-violence, tolerance, liberty and equality in order to make them socially and globally responsible and Eco-friendly citizens.

10. To expose the students to the rich history and culture of India for creating genuine respect for our country and its rich varied heritage.

Core Values of the Institution:

1.Social Responsibility

2.Quest for Excellence

3.Mutual Understanding

4.Cooperation

5.Environment Consciousness

6.Inclusiveness

7.Tolerance

8.Peace & Non-Violence

NOTABLE LANDMARKS IN THE PROGRESS OF THE COLLEGE

1945   Year of Establishment

1947   Commencement of Arts Faculty

1948   Commencement of Science Faculty

1960   Commencement of Commerce Faculty

          Foundation Stone for the New Building by Mr Chintamanrao Deshmukh

          (The then UGC Chairman)

1966   Commencement of Postgraduate Teaching in Arts Faculty

1972   Silver Jubilee of the College

1974   2(f) Recognition by UGC New Delhi

1976   Beginning of Junior College in the 10 + 2 + 3 Pattern

1992   Silver Jubilee of Postgraduate Arts Courses

          Introduction of Postgraduate Courses in Science and Commerce

          M.Sc. Physics, M.Sc. Organic Chemistry, M.Sc. Mathematics,

          M. Com. and Diploma in Medical Laboratory Technology.

1995   Golden Jubilee of the College

          Introduction of Industrial Chemistry as Vocational Subject at B.Sc.

1996   Introduction of Agro Services as Vocational Subject at B.Sc.

1997   Introduction of M.Sc. by Research Programme

2000   Introduction of B.Sc. Computer Science Programme

2001   Introduction of Bachelor in Management Studies (BMS) Programme

2002   First Cycle NAAC Accreditation as 'Four Star College'.

2003   Introduction of M.Sc. Computer Science Programme

2004   Introduction of Add on Courses and B.Sc. Biotechnology Programme

2005   Diamond Jubilee of the College

          Introduction of B.Sc. (Biochemistry); B.Com(Accounting and Finance)

          MA (Sociology, Sanskrit) Programme

          B.A (Geography 6 Unit, Rural Development 6 Unit, Sanskrit 6 Unit)

2006	Introduction of B.Sc. (Microbiology) Programme
2008	Introduction of M.Sc. (Biotechnology) Programme
	M.Sc.(Analytical Chemistry) Programme
	Second Cycle NAAC Accreditation 'A' Grade CGPA 3.25
2009	Ph.D Research Centre in Zoology, MBA (YCMOU)
2010	CPE Phase I Award by UGC New Delhi
	Introduction of M.Sc. (Biochemistry) Programme
	Introduction of B.Sc. (Information Technology) Programme
2013	Ph.D. Research Centre in Physics and Ph.D. Research Centre in Chemistry
2014	Third Cycle NAAC Accreditation A Grade CGPA 3.31
	CPE Phase II Award by UGC, New Delhi
2015	Ph.D. Research Centre in Commerce (Accountancy)
	NCC as a special subject
2016	Introduction of M.Sc. (Microbiology) Programme
	NSS as a special subject
2017	DST FIST (O-Level) Award by Department of Science and Technology
2018	ISO 9001- 2015 Certified Science Faculty
	Ph.D. Research Centre in Hindi
2019	Fourth Cycle NAAC Accreditation 'A' Grade CGPA 3.22
	Ph.D.Research Centre in Commerce (Business Economics) and Ph.D. Research Centre in Marathi
	ISO 9001-2015 Certified Library
2022	DBT's STAR College.
	ISO 9001-2015 Certified College.

• **MINIMUM ADMISSION REQUIREMENTS** •

FACULTY OF ARTS

1. Bachelor of Arts (B.A.) Programme

Ordinance no. O.2138 Circular No. UG/105 of 2004 Dated 15th March 2004

Eligibility

A candidate for being eligible for admission to the three year integrated course leading to the degree of Bachelor of Arts must have passed the Higher Secondary School Certificate (Std. XII) examination conducted by the different Divisional Boards of the Maharashtra State Board of Secondary and Higher Secondary Education with the following subjects :

1. English
2. Any one of the Modern Indian Languages or Modern Foreign Languages or any Classical Language or Information Technology.
3. Any four subjects carrying 100 marks each.

OR

Must have passed the Higher Secondary School Certificate (Std. XII) examination with vocational subject conducted by the different Divisional Boards of the Maharashtra State Board of Secondary and Higher Secondary Education with the following subjects :

1. English
2. Any one vocational subject carrying 200 marks prescribed by the Board from time to time.
3. Any three subjects carrying 100 marks each.

OR

Must have passed the Higher Secondary School Certificate (Std. XII) examination with the Minimum Competency based vocational courses conducted by the different Divisional Boards of the Maharashtra State Board of Secondary and Higher Secondary Education with the following subjects :

1. English
2. Any one of the Modem Indian Languages or Modem Foreign Languages or Classical Language or Information Technology
3. General Foundation Course.
4. Any one subject carrying 300 marks from among the Minimum Competency based vocational courses prescribed by the Higher Secondary School Certificate examination from time to time.

OR

Must have passed an examination of another University or Body Recognized as equivalent thereto.

2. Master of Arts (M.A) Programme

Ordinance No. O.2237 Circular No. UG/Gen/104 of 1989

A candidate for being eligible for admission to the course leading to the degree of Master of Arts must have passed the examination for the degree of Bachelor of Arts (three year integrated course) of this University or the degree of Bachelor of Arts (Old that is four year course) of this University or a degree of another University recognized as equivalent thereto.

Provided, however, that applications of graduates of this University in the faculties other than the faculty of Arts, or those who have passed the equivalent examination of another recognized University seeking admission to the M.A. degree course by papers, will be considered by the Academic Council on the merits of each individual case on the recommendation of the Head of the University Department concerned/Chairman of the Board of Studies concerned in the subject in which there is no University Department/Principal of a college where the Post-Graduate Centre is granted, and in the case of a student seeking admission to the course by research, on the recommendation of the Chairmen of the Committee of recognized Teachers in the subject concerned before recommending such applications, the following procedure shall be followed :

A written test consisting of 2 papers as under shall be administered in the subject in which the student desires to register for his M.A. degree.

(i)   An essay paper in the subject,

(ii)   A paper to test the student's general acquaintance with the subject

The change of Faculty Test required to be given by the students has been waived in case of students who desire to register with the Directorate of Distance Education.

N.B. : Candidates shall be given a list of books for period reading before they are examined.

FACULTY OF SCIENCE

1. Bachelor of Science (B.Sc.) Programme

Ordinance No. O.2145 Circular No. UG/ 394 of 2004 Dated 6th September 2004

A candidate for being eligible for admission to the three year integrated course leading to the degree of Bachelor of Science (B.Sc.) must have passed the Higher Secondary School Certificate examination (Std. XII) conducted by the Maharashtra State Board of Secondary and Higher Secondary Education, Pune, in the following subjects :

(A)	Subject No.	Subject Title	
Science marks Stream (General)	01	English (Higher or Lower Level)	100 marks
	02	Any one of the Modern Indian Languages OR Modern Foreign Languages OR any Classical Language (Higher Level OR Lower Level) OR Information Technology	100 marks
	03 to 06	Four other subjects from among the subjects mentioned below carrying a total of 400 marks	

<div align="center">OR</div>

Three other subjects from among the subjects mentioned below carrying a total of 300 marks and one more subject from among the remaining optional subjects carrying 100 marks as prescribed for the HSC (Std.XII) examination.

List of subjects (03 to 06)

i	Physics	ii	Chemistry
iii	Biology	iv	Mathematics and Statistics
v	Geography	vi.	Economics
vii	Geology	viii	Psychology

OR

(B)   Vocational Stream : Must have pass the Higher Secondary School certificate (HSC)(Std.XII) examination with vocational subjects conducted by the Maharashtra State Board of Secondary and Higher Secondary Education, Pune, in the following subjects

01   English (Higher or Lower Level) 100 marks

02 to 03   Any One vocational subject carrying 200 marks (from among 19 subjects) prescribed for the HSC (Std.XII) examination under the Technical Group, Commercial Group, Agriculture Group Catering & Food Technology Group and Fisheries Group)

04 to 06   Any three of the following subjects carrying a total of 300 marks

            i. Physics ii. Chemistry   iii. Biology   iv. Mathematics and Statistics

OR

(C)   MCVC Streams Vocational Subjects : Must have passed the Higher Secondary School Certificate (HSC) (Std. XII) Examination Certificate (HSC)(Std. XII) examination with conducted by the Maharashtra State Board of Secondary and Higher Secondary Education Pune, in the following subjects :

  01   English (Higher or Lower Level) (100 marks)

  02   Any one of the Modern Indian (100 marks) Languages OR Modern Foreign Languages OR any Classical Language (Higher or Lower Level) OR Information Technology.

  03   General Foundation course (100 marks)

04 to 06   Any three of the minimum compete vocational subjects carrying total of 300 [from among the following groups prescribed for the HSC (Std. XII) examination namely Engineering & Technology Group Agriculture Group, Fisheries Group, Para Medical Group and Catering & Food Technology Group]

        Further that the students, passing the HSC (Std.XII) examination with the MCVC stream shall be eligible for admission to F.Y.B.Sc. for certain subject combinations only depending on their subjects (04 to 06) of the MCVC stream as specified in the following table.:

Sr.No.	MCVC Group	Any three of the following subjects to be offered at F.Y.B.Sc.
01.	Engineering Technology Group	Physics, Chemistry, Mathematics, Statistics, Geology, Geography, Computer Science, Information Technology
02.	Agriculture Group	Chemistry, Botany, Zoology, Life Sciences, Biochemistiy, Bio-Technology Microbiology, Geography, Geology
03.	Fisheries Group	Chemistiy, Botany, Zoology , Life Sciences,Biochemistry, Bio-Technology, Microbiology ,Geography Geology
04.	Paramedical Group	Chemistry, Botany, Zoology, Life Sciences,Biochemistry, Bio-Technology, Microbiology , Geography, Geology
05.	Catering & Food Technology	Chemistiy, Botany, Zoology, Life Sciences, Biochemistry, BioTechnology, Microbiology, Geography, Geology, Economics

Students of this MCVC Group shall also be eligible for admission to the F.Y.B.Sc. of B.Sc. (Home Science) Degree course.

OR

(D)   Must have passed an examination of another University

OR

Body or Board recognized as equivalent to the HSC (Std. XII) Examination conducted by the Maharashtra Secondary and Higher Secondary Education, Pune,

OR

(E)   Must have passed the First Year Science Examination of the Year B.Sc. degree Course of this University or an Examination of any other University recognized as equivalent thereto

OR

(F)   Must have passed at list the Second Year Examination of the Post S.S.C. (Std. X) Three Year Engineering Diploma course or the 4th Semester of 6th Semester Engineering Diploma Course conducted by approved by recognized by affiliated to the Maharashtra Board of Technical Education or another Body Board recognized as equivalent thereto.

Further, that such students of Engineering Diploma courses shall be eligible to offer any three of the following subjects for admission to the F.Y.B.Sc.

Physics, Chemistry, Mathematics, Statistics, Computer Science, Information Technology, Geology, Geography, Economics .

2. Bachelor of Science (B.Sc. Computer Science) Programme

Ordinance No. O.5719 Circular No. UG/284 of 2007 Dated 16th June 2007

A candidate for being eligible for admission to the three years integrated course leading to the degree of Bachelor of Science (B.Sc.) must have passed Higher Secondary School Certificate Examination (Std. XII) in Science stream conducted by the Maharashtra State Board of Secondary and Higher Secondary Education with Mathematics and Statistics as one of the subject or its equivalent.

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

1.   Aggregate Marks at H.S.C. or equivalent.

2.   Aggregate Marks in Science Group (Physics, Chemistry and Mathematics)

3.   Marks in Mathematics and Statistics and Physics.

4   Marks in Mathematics and Statistics.

3. Bachelor of Science (B.Sc. Information Technology) Programme

Ordinance No. O.5051 Circular No. UG/283 of 2007 Dated 16th June 2007

(a)   A candidate for being eligible for admission to the degree course of Bachelor of Science-Information Technology, shall have passed XII standard examination of the Maharashtra Board of Higher Secondary Education or it's equivalent with Mathematic and Statistics as one of the subject and should have secured not less than 45% marks in aggregate for open category and 40% marks in aggregate in case of Reserved category candidates.

(b)   Candidate who have passed Diploma (Three years after S.S.C. - Xth Std.) in Information Technology/ Computer Technology/ Computer Engineering/Computer Science/ Electrical, Electronics and Video Engineering and Allied Branches/Mechanical and Allied Branches/ Civil and Allied branches are eligible for direct admission to the Second Year of the B.Sc. (I.T.) degree course.

However, the Diploma should be recognized by the Board of Technical Education or

any other recognized Government Body. Minimum marks required 45% aggregate for open category candidates and 40% aggregate for reserved category candidates.

OR

Candidates with post HSC-Diploma in Information Technology/Computer Technology/ Computer Engineering/ Computer Science/ and Allied branches will be eligible for direct admission to the Second Year of B.Sc. (I.T.).

However, the Diploma should be recognized by the Board of Technical Education or any other recognized Government Body Minimum Marks required 45% aggregate for open category candidates and 40% aggregate for reserved category candidates.

4. Bachelor of Science (B.Sc. Bio- Technoolgy) Programme

Ordinance No. O.5108 Circular No. UG/282 of 2007 Dated 16th June 2007

A candidate for being eligible for admission to the Three year Integrated course leading to the degree of Bachelor of Science (B.Sc.) must have passed Higher Secondary School Certificate Examination (Std.XII) in Science conducted by the Maharashtra State Board of Secondary and Higher Secondary Education or it's equivalent in Science stream.

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

Aggregate Marks at H.S.C. or equivalent.

Aggregate Marks in Science Group (Physics, Chemistry and Biology).

Marks in Biology and Chemistry.

Marks in Biology.

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

5. Master of Science (M.Sc.Physics, M.Sc.Chemistry, M.Sc.Mathematics, M.Sc.Microbiology) Programme

Admissions will be made on merit (i.e. percentage of aggregate marks or grade secured at the qualifying examination). Reservation criteria shall be followed as prescribed by the Government of Maharashtra at the time of admission.

As per Circular No.PG/Univ./VCD/ICC/2012-13/8 Dated 19th May 2012 A learner for being eligible to apply for admission for the integrated ten semester M.Sc. Programme must have passed H.S.C.(10+02) or equivalent examination with minimum 50% marks for students belonging to the general category and 45% marks for learners belonging to the reserved category with science subjects as may be prescribed for a given course.

A learner for being eligible to apply for admission to the M.Sc. degree course by papers in the branches other than those of Molecular Biology, Computer Science,

Biochemistry, Biophysics, Fisheries management, Life Sciences, Information Technology, Applied and Industrial Chemistry, Biotechnology, M.Sc. (Home Science), M.Sc. (Home Science) in Food Processing and Preservation , M.Sc. (Home Science) in Sports and Nutrition, Five year integrated M. Sc. course in Basic Sciences, Bioanalytical Sciences, Herbal Sciences, Bioanalytical instrumentation, Bioinformatics, Nanoscience and NanoTechnology, Environmental Sciences, Nutraceuticals and Five Year Integrated Course in Bioanalytical Sciences must have passed:-

The B.Sc. degree examination of this university or degree of any other university recognized as equivalent thereto with minimum 46 credits or its equivalent (i.e. the minimum credits required for majoring in a subject and excluding the credits for optional courses) of the subject which he wants to offer for the M.Sc. degree course by papers.

The admission shall be strictly on merit for the seats allotted by the University. However, where the seats are allotted by the college, the Head of the institution shall have discretionary powers for admission under "College seats" which shall not exceed 30% of the total allotted quota. Without prejudice the same shall be applicable unless prescribed by the University Rules or otherwise.

6. Master of Science (M.Sc. Biotechnology) Programme

As per Circular No.PG/Univ./VCD/ICC/2012-13/8 Dated 19th May 2012 **A** learner being eligible for admission to the M.Sc. degree course in Biotechnology must have passed.

(a) The B.Sc. (Three Year integrated course) degree examination of this University or any Other University recognized as equivalent thereto) with the major subject Biotechnology.

<div align="center">OR</div>

(b) With three units in Biotechnology at T.Y.B.Sc. in combination with three units of any other major subject at the T.Y.B.Sc.

The learners will be admitted to the M.Sc. degree course in Biotechnology on the basis of the marks obtained at the T.Y.B.Sc. Examination.

7. Master of Science (M.Sc. Computer Science) Programme

As per Circular No.PG/Univ./VCD/ICC/2012-13/8 Dated 19th May 2012 A learner who has either passed Bachelor's Degree Examination of University of Mumbai in Science or equivalent degree of any other university recognized as equivalent thereto with one of the following as major subject:-

Major Mathematics   OR

Major Physics Ancillary Mathematics   OR

Major Statistics Ancillary Mathematics   OR

The Bachelor of Engineering (B.E.) Degree Examination OR

The B.Sc.(Computer Science) / BCS / B.Sc.(Information Technology)

Degree Examination

FACULTY OF COMMERCE

1. Bachelor of Commerce (B.Com) Programme

Ordinance No. O.2152 Circular No. UG/142 of 2010 Dated 01st July 2010

A candidate for being eligible for admission to the three year degree course leading to the Bachelor of Commerce must have passed the Higher Secondary School Certificate (Std. XII) examination conducted by the different Divisional Boards of the Maharashtra State Board of Secondary and Higher Secondary Education.

OR

Must have passed the Higher Secondary School Certificate (Std. XII) examination with vocational subjects/minimum competency based vocational course conducted by the different Divisional Boards of the Maharashtra State Board of Secondary and Higher Secondary Education.

OR

Must have passed an examination of another University or Body recognized as equivalent to Higher Secondary School Certificate (Std. XII) Examination.

2. Bachelor of Commerce (Accounting & Finance) Programme

Ordinance No. O.5204 Circular No. UG/395 of 2004 Dated 07th September 2004

(a) A candidate for being eligible for admission to the Bachelor of Commerce (Accounting and Finance) degree course shall have passed XII std. Examination of the Maharashtra Board of Higher Secondary Education or its equivalent and secured not less than 45% marks in aggregate at first attempt (40% in case of reserved category).

(b) Every candidate admitted to the degree course in the constituent /affiliated college/recognized institution, conducting the course, shall have to register himself/herself with the University.

3. Bachelor of Management Studies Programme

Ordinance No. O.3941 Circular No. UG/80 of 2010 Dated 27th April 2010

A candidate for being eligible for admission to the B.M.S. Degree Course shall have passed H.S.C. Examination of the Maharashtra Board of Higher Secondary Education or its equivalent examination or Diploma in any Engineering branches with two years or three years duration after S.S.C. conducted by the Board of Technical Education, Maharashtra State or its equivalent examination by securing minimum 45% marks for general category (in one attempt) at the respective Examination and minimum 40% marks for the reserved category (in one attempt).

No college shall conduct any entrance test in any form and the admissions are purely based on merit duly following the reservation policy as per the norms of Government of

Maharashtra. While drawing the merit list, weightage has to be given to students from Arts, Commerce and Science Stream at 12th standard level. The stream wise weightage to be given is as under :

Stream	Commerce	Arts	Science	Diploma in Engineering and Other
Percentage	45%	25%	25%	5%

The applications are to be accepted and processed by the colleges stream wise separately and the merit list is to be displayed stream wise taking into account the reservation policy prescribed by the Government of Maharashtra.

a. The merit list is to be prepared and displayed stream wise.

b. In case if no applications are received under the "Diploma in Engineering and other Category" or if the seats remain vacant in "Diploma in Engineering and other Category" after all the merit lists/forms are exhausted, the vacant seats must be transferred to Commerce Stream.

c. In case if no application is received from any stream the vacant seats are to be distributed equally between the remaining two streams only.

d. After the first merit list is displayed, if any seat allotted to one stream remains vacant, the same shall be distributed equally between the remaining two streams. In case of vacancy in one stream is of single/odd number of seats, the single seat is to be allotted to the Commerce Stream. In case if no applications are available from the two streams, then all the vacant seats of such two streams must be transferred to the third stream,

e. Step (d) be repeated for the subsequent merit lists till all the forms are exhausted or the final merit list is displayed, whichever is earlier

4. Master of Commerce (M.Com) Programme

Ordinance No. O.5977 Circular No. UG/10 of 2012 Dated 27th February 2012

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

ELIGIBILITY FOR ADMISSION AT A GLANCE

CLASS	ELIGIBILITY FOR ADMISSION
F.Y.B.A.	HSC (Arts OR Commerce OR Science OR MCVC)
F.Y.B.Sc.	HSC (Science OR MCVC Science Related Subject)
F.Y.B.Sc.(Computer Science)	HSC (Science) with Mathematics and Statistics as one of the subject
F.Y.B.Sc.(Biotechnology)	HSC (Science) with Mathematics and Statistics as one of the subject
F.Y.B.Sc. (Information Technology)	HSC with Mathematics and Statistics as one of the subject and should have secured not less than 45% marks in aggregate for Open Category and 40% marks in aggregate for Reserved Category.
F.Y.B.Com.	HSC (Commerce OR MCVC Commerce Related Subject)
F.Y.B.M.S.	HSC(Arts OR Commerce OR Science OR MCVC) OR Diploma with 45% for General Category and 40% for Reserved Category in One Attempt
F.Y.B.Com.(Accounting & Finance)	HSC(Arts OR Commerce OR Science OR MCVC) with 45% for General Category and 40% for Reserved Category in First Attempt
S.Y.B.A./S.Y.B.Com./ S.Y.B.M.S./ S.Y.B.Com.(Accounting & Finance)/S.Y.B.Sc.(Information Technology)	Passes Each of Semester I & Semester II OR Fails in Not More Than Two Courses of Semester I and Not More Than Two Courses of Semester II
S.Y.B.Sc ./S.Y.B.Sc.(Computer Science)/ S.Y.B.Sc.(Biotechnology)	Passes Each of Semester I & Semester II OR Fails in Not More Than Three Courses of Semester I and Not More Than Three Courses of Semester II

T.Y.B.A./T.Y.B.Com./ T.Y.B.M.S./ T.Y.B.Com.(Accounting & Finance)/T.Y.B.Sc.(Information Technology)	Passes Each of Semester I, Semester II, Semester III & Semester IV OR Passes Each of Semester I & Semester II and Fails in Not More Than Two Courses of Semester III and Not More Than Two Courses of Semester IV OR Passes Each of Semester III & Semester IV and Fails in Not More Than Two Courses of Semester I and Not More Than Two Courses of Semester II
T.Y.B.Sc./T.Y.B.Sc.(Computer Science)/T.Y.B.Sc.(Biotechnology)	Passes Each of Semester I, Semester II, Semester III & Semester IV OR Passes Each of Semester I & Semester II and Fails in Not More Than Three Courses of Semester III and Not More Than Three Courses of Semester IV OR Passes Each of Semester III & Semester IV and Fails in Not More Than Three Courses of Semester I and Not More Than Three Courses of Semester II
M.A. Part I	B.A. OR B.Com. OR B.Sc. OR Any Degree
M.Com. Part I	B.Com. OR BMS OR B.Com.(Accounting & Finance) OR B.Com.(Banking & Insurance) OR B.Com.(Financial Market)
M.A. Part II / M.Com. Part II	Passes OR Fails OR Not Appeared for Any Course of Semester I & Semester II
M.Sc. Part I (Physics / Chemistry / Mathematics / Microbiology)	B.Sc. in Relevant Programme or Equivalent Degree
M.Sc. Part I (Biotechnology)	B.Sc.(Biotechnology) OR Equivalent Degree

M.Sc. Part I (Computer Science)	B.Sc.(Computer Science) OR Equivalent Degree
M.Sc. Part II (Physics / Chemistry / Mathematics / Microbiology / Biotechnology / Computer Science)	Passes OR Fails OR Not Appeared for Any Course of Semester I & Semester II
PhD Arts / Science / Commerce	Refer University of Mumbai Circular No. Exam./Thesis./ Univ. / VCD / 947 of 2018 dated 15th June 2018 & re -promulgated VCD dated 15th December 2018 available on University Website www.mu.ac.in

ADMISSION PROCEDURE

First Year of all Under Graduate Programmes

- Visit the website http://mum.digitaluniversity.ac/ and complete Pre Admission Online Registration 2023-2024 by selecting R.P.Gogate College of Arts & Science and R.V.Jogalekar College of Commerce Ratnagiri and select the Programme in which you have to take admission. Students should bring printout of Pre Admission Online Registration for admission in the college.

- Purchase Admission Form and Handbook for Students from the College Office Counter by payment of fees.

- Complete Admission Form with all details and affix recent passport size colour photograph at appropriate space.

- Students should bring Original Mark sheet of H.S.C and Two Xerox Copies.

- Students should bring Original Leaving Certificate (LC) and Two Xerox Copies.

- Students should bring Two Xerox Copies of Aadhaar Card.

- Students should bring Two recent Passport size Colour Photograph.

- Backward Class Students should bring Two Xerox Copies of Caste Certificate.

- Students should bring Affidavit on stamp paper for gap in education

- Eligibility Certificate for students coming from other than Maharashtra State Board of Secondary & Higher Secondary Education.

- Physically handicapped candidates should produce the relevant certificate from competent authority

- Students availing concession (SC/ ST / NT / DT / VJ / SBC / OBC / EBC / PTC / SSTC / EX-SERVICEMEN) should submit appropriate concession form in the college office in time.

- University of Mumbai admission procedure and Government of Maharashtra admission reservation policy is strictly followed.

Second Year and Third Year of all Under Graduate Programmes

- Purchase Admission Form and Handbook for Students from the College Office Counter by payment of fees.

- Complete Admission Form with all details and affix recent passport size colour photograph at appropriate space.

- For Second Year admission, Students should bring Two Xerox copies of each of the Marksheet of Semester I and Semester II. Also bring Original Marksheets for the purpose of verification.

- For Third Year admission, Students should bring Two Xerox copies of each of the

Marksheet of Semester I, Semester II, Semester III and Semester IV. Also bring Original Marksheets for the purpose of verification.

- Students from other Colleges should bring No Objection Certificate from the previous college and submit Application for Transference Certificate.

- Students other than that of University of Mumbai should bring Eligibility Certificate from University of Mumbai.

- Students should bring Two Xerox Copies of Aadhaar Card.

- Students should bring Two recent Passport size Colour Photograph

- Backward Class Students should bring Two Xerox Copies of Caste Certificate.

- Students should bring Affidavit on stamp paper for gap in education.

- Physically handicapped candidates should produce the relevant certificate from competent authority.

- Students availing concession (SC/ ST / NT / DT / VJ / SBC / OBC / EBC / PTC / SSTC / EX-SERVICEMEN) should submit appropriate concession form in the college office in time.

- University of Mumbai admission procedure and Government of Maharashtra admission reservation policy is strictly followed

First Year of all Post Graduate Programmes

- Visit the website http://mum.digitaluniversity.ac/ and complete Pre Admission Online Registration 2023-2024 by selecting R.P.Gogate College of Arts & Science and R.V.Jogalekar College of Commerce Ratnagiri and select the Programme in which you have to take admission. Students should bring printout of Pre Admission Online Registration for admission in the college.

- Purchase Admission Form and Handbook for Students from the College Office Counter by payment of fees.

- Complete Admission Form with all details and affix recent passport size colour photograph at appropriate space.

- Students should bring Two Xerox Copies of each of Marksheet of S.S.C.; H.S.C.; Semester I to Semester VI of relevant Under Graduate Degree Programme. Also bring Original Marksheets for the purpose of verification.

- Students should bring Two Xerox Copies of Leaving Certificate (LC) for verification of Date of Birth.

- Students should bring Two Xerox Copies of Aadhaar Card

- Students should bring Two recent Passport size colour Photograph

- Backward Class Students should bring Two Xerox Copies of Caste Certificate.

- Students should bring Affidavit on stamp paper for gap in education
- Eligibility Certificate from students coming from other than that of University of Mumbai.
- Physically handicapped candidates should produce the relevant certificate from competent authority.
- Students availing concession (SC/ ST / NT / DT / VJ / SBC / OBC / EBC / PTC / SSTC / EX-SERVICEMEN) should submit appropriate concession form in the college office in time.
- University of Mumbai admission procedure and Government of Maharashtra admission reservation policy is strictly followed.

Second Year of all Post Graduate Programmes

- Purchase Admission Form and Handbook for Students from the College Office Counter by payment of fees.
- Complete Admission Form with all details and affix recent passport size colour photograph at appropriate space.
- Students should bring Two Xerox copies of each of Semester I and Semester II of relevant Post Graduate Degree Programme. Also bring Original Marksheets for the purpose of verification.
- Students should bring Two Xerox Copies of Aadhaar Card.
- Students should bring Two recent Passport size colour Photograph.
- Backward Class Students should bring Two Xerox Copies of Caste Certificate.
- Students should bring Affidavit on stamp paper for gap in education.
- Physically handicapped candidates should produce the relevant certificate from competent authority.
- Students availing concession (SC/ ST / NT / DT / VJ / SBC / OBC / EBC / PTC / SSTC / EX-SERVICEMEN) should submit appropriate concession form in the college office in time.
- University of Mumbai admission procedure and Government of Maharashtra admission reservation policy is strictly followed.

  Note : Online registration for admission & online payment of fees through college web-site is proposed, but submission of duly filled in offline admission form is essential. Please visit college web-site :- http://resgjcrtn.com

FACULTY OF ARTS

Bachelor of Arts (B.A.) Programme

Three Year Integrated Programme-Six Semesters Course Structure
Under Choice Based Credit System

F.Y.B.A.

Course	Semester I	Credits	Course	Semester II	Credits
1	Foundation Course-I **or** Foundation Course in NCC -I	02	1	Foundation Course-II **or** Foundation Course in NCC -II	02
2	Communication Skills in English	02	2	Communication Skills in English	02
3	Marathi (Compulsory) OR Hindi (Compulsory) OR Urdu (Compulsory) Urdu Prose and Poetry	02	3	Marathi (Compulsory) OR Hindi (Compulsory) OR Urdu (Compulsory) Urdu Prose and Poetry	02
4	Hindi-I Ancillary Hindi OR History-I History of Modern India (1857-1947) OR Sociology-I Foundations of Sociology	03	4	Hindi-I Ancillary Hindi OR History-I History of Modern India: Society and Economy OR Sociology-I Fundamentals of sociology	03
5	Urdu-I Urdu Poetry OR Economics-I Microeconomics -I OR Political Science-I The Constitutional Framework OR Geography-I Human Geography OR Sanskrit-I Selections from Sanskrit Literature	03	5	Urdu-I Urdu Prose OR Economics-I Microeconomics-II OR Political Science-I Indian Political Process OR Geography-I Environmental Geography OR Sanskrit-I Selections from Sanskrit Literature	03

6	English-I Introduction to **Prose & Fiction-I** OR Psychology-I Fundamentals of Psychology (Part I) OR Marathi-I OR Rural Development-I Introduction to Rural Development OR Commerce-I Introduction to Business Organization	03	6	English-I Introduction to **Prose & Fiction-II** OR Psychology-I Fundamentals of Psychology (Part II) OR Marathi-I OR Rural Development-I Introduction to Rural Development OR Commerce-I Introduction to Business Sector	03
	Total Credits	**15**		**Total Credits**	**15**
Note: Courses selected in Semester I will be continued in Semester II					

S.Y.B.A.

Course	Semester III	Credits	Course	Semester IV	Credits
1	Foundation Course-III *or* Foundation Course in NCC -III	02	1	Foundation Course-IV *or* Foundation Course in NCC -IV	02
2	Hindi-II Medieval & Modern Hindi Poetry OR History-II Landmarks in World History, 1300 A.D.-1945 A.D. OR Sociology-II Indian society: structure and change	03	2	Hindi-II Modern Hindi Prose OR History-II Landmarks in World History, 1300 A.D.-1945 A.D OR Sociology-II Sociology of development	03
3	Hindi-III Functional Hindi OR History-III Ancient India from Earliest Times to 1000 A.D. OR Sociology-III Contemporary issues in Indian society	03	3	Hindi-III Mass Media OR History-III Ancient India from Earliest Times to 1000 A.D. OR Sociology-III Emerging fields in sociology	03
4	Urdu-II Urdu Poetry OR Economics-II Macroeconomics-II OR Political Science-II Principles & Concepts of Political Theory OR Geography-II Geography of Maharashtra	03	4	Urdu-II Urdu Poetry OR Economics-II Macroeconomics-II OR Political Science-II Political Values and Ideologies OR Geography-II Geography of India	03

	OR Sanskrit-II Sanskrit Literature (Selections) and Indian Culture				OR Sanskrit-II Sanskrit Literature (Selections) and Indian Culture	
5	Urdu-III Urdu Prose OR Economics-III Public Finance OR Political Science-III Public Administration OR Geography-III Agricultural Geography OR Sanskrit - III Ancient Indian Philosophy and Poetics	03	5	Urdu –III Urdu Prose OR Economics-III Indian Economy OR Political Science-III Indian Administration OR Geography-III Geography of Tourism OR Sanskrit-III Ancient Indian Philosophy and Poetics	03
6	English-II Introduction to Drama OR Psychology-II Social Psychology (Part I) OR Marathi-II KathanSahitya OR Rural Development-II Rural Society OR Commerce-II Financial Management	03	6	English-II Introduction to Drama OR Psychology-II Social Psychology (Part II) OR Marathi-II NatyaSahitya OR Rural Development – II Rural Society OR Commerce-II Financial Management	03

7	English-III Introduction to Poetry OR Psychology-III Developmental Psychology (Part I) OR Marathi-III Bhasha Ani Boli Abhyas OR Rural Development-III Rural Administration OR Commerce-III Introduction to Marketing	03	7	English-III Introduction to Poetry OR Psychology-III Developmental Psychology (Part II) OR Marathi-III Marathi Vyakaran ani Lekhan Kaushalye Spardha Pariksha OR Rural Development-III Rural Administration OR Commerce-III Introduction to Marketing	03
8	Mass Communication OR Business Communication OR Advertising OR Journalism Introduction to Journalism OR Book Keeping & Accountancy	02	8	Mass Communication OR Business Communication OR Advertising OR Journalism Introduction to Journalism OR Book Keeping & Accountancy	02
Total Credits	**22**		**Total Credits**	**22**
Note: Courses selected in Semester III will be continued in Semester IV					

T.Y.B.A. 6 Units

Select Any One Subject of 6 Units as given below which you have studied at FYBA and SYBA Class

T.Y.B.A. English 6 Units

(To be revised in 2023-2024)

Course	Semester V	Credits	Course	Semester VI	Credits
1	English IV 16th to 18th Century English Literature I	04	1	English IV 16th to 18th Century English Literature II	04
2	English V Literary Criticism I	04	2	English V Literary Criticism II	04
3	English VI Grammar and Art of writing II	04	3	English VI Grammar and Art of writing II	04
4	English VII 19th Century English Literature I	04	4	English VII 19th Century English Literature II	04
5	English VIII 20th Century British Literature I	04	5	English VIII 20th Century British Literature II	04
6	English IX Drama and Theatre I	04	6	English IX Drama and Theatre II	04
	Total Credits	24		**Total Credits**	24

T.Y.B.A. Marathi 6 Units

Course	Semester V	Credits	Course	Semester VI	Credits
1	Marathi IV History of Medieval Marathi Literature	04	1	Marathi IV History of Medieval Marathi Literature	04
2	Marathi V Indian and Western Theories of Literature	04	2	Marathi V Indian And Western Theories of Literature	04
3	Marathi VI Literature and Society	04	3	Marathi VI Literature and Society	04
4	Marathi VII Linguistics and Marathi Grammar	04	4	Marathi VII Linguistics and Marathi Grammar	04

5	Marathi VIII Modern Marathi Literature	04	5	Marathi VIII Modern Marathi Literature	04
6	Marathi IX Occupational Marathi	04	6	Marathi IX Occupational Marathi	04
	Total Credits	24		**Total Credits**	24

T.Y.B.A. Hindi 6 Units

Course	Semester V	Credits	Course	Semester VI	Credits
1	Hindi IV History of Hindi Literature	04	1	Hindi IV History of Modern Hindi Literature	04
2	Hindi V Post-Independence Hindi Literature	04	2	Hindi V Post-Independence Hindi Literature	04
3	Hindi VI Information Technology in Hindi	04	3	Hindi VI Social Media	04
4	Hindi VII Literary Criticism: Prosody & Rhetorics	04	4	Hindi VII Literary Criticism: Prosody & Rhetorics	04
5	Hindi VIII Linguistics: Hindi Language & Grammar	04	5	Hindi VIII Linguistics: Hindi Language & Grammar	04
6	Hindi IX Ideological Background of Modern Hindi Literature	04	6	Hindi IX Ideological Background of Modern Hindi Literature	04
	Total Credits	24		**Total Credits**	24

T.Y.B.A. Sanskrit 6 Units

Course	Semester V	Credits	Course	Semester VI	Credits
1	Sanskrit IV Indian Philosophical Literature	04	1	Sanskrit IV Indian Philosophical Literature	04
2	Sanskrit V History of Sanskrit Literature	04	2	Sanskrit V History of Sanskrit Literature	04
3	Sanskrit VI Ancient Indian State craft	04	3	Sanskrit VI Ancient Indian State craft	03
4	Sanskrit VII Vedic Literature	04	4	Sanskrit VII Vedic Literature	04

5	Sanskrit VIII Grammar & Language Skills	04	5	Sanskrit VIII Grammar & Language Skills	04
6	Sanskrit IX Linguistics and rapid reading	04	6	Sanskrit IX Linguistics and rapid reading	04
	Total Credits	**24**		**Total Credits**	**24**

T.Y.B.A. Sociology 6 Units

Course	Semester V	Credits	Course	Semester VI	Credits
1	Sociology IV Theoretical Sociology	04	1	Sociology IV Anthropological Thought	04
2	Sociology V Sociology of Agrarian Society	04	2	Sociology V Development and Changes in Agrarian Society	04
3	Sociology VI Sociology of Gender	04	3	Sociology VI Gender and Society in India: Contemporary Debates and Emerging Issues	04
4	Sociology VII Environment and Society: Theory and Awareness	04	4	Sociology VII Environmental Concerns in India	04
5	Sociology VIII State, Civil Society and Social Movements	04	5	Sociology VIII Social Exclusion and Marginalisation	04
6	Sociology IX Quantitative Social Research	04	6	Sociology IX Qualitative Social Research	04
	Total Credits	**24**		**Total Credits**	**24**

T.Y.B.A. Economics 6 Units

Course	Semester V	Credits	Course.	Semester VI	Credits
1	Advanced Microeconomics-III	04	1	Advanced Macroeconomics-III	04
2	Economics of Growth and Development	04	2	International Economics	04
3	Economics of Agriculture & Cooperation-I	04	3	Economics of Agriculture & Cooperation-II	04
4	Research Methodology-I	04	4	Research Methodology-II	04

5	Environmental E conomics-I	04	5	Environmental E conomics-II	04
6	History of Economic Thoughts-I	04	6	History of Economic Thought s -II	04
	Total Credits	24		Total Credits	24

T.Y.B.A. 3 Units

Select any 1 subject (Maximum Two Subjects of 3 Units) which you have studied at FYBA and SYBA Class from the following 3 Groups:

Group 1: Hindi or History or Sociology

Group 2: Urdu or Economics or Psychology or Geography or Marathi

Group 3: English or Political Science or Sanskrit or Rural Development

Select Any 1 Subject of 3 Units from Hindi or History or Sociology

T.Y.B.A. Hindi 3 Units

Course	Semester V	Credits	Course	Semester VI	Credits
1	Hindi IV History of Hindi Literature	04	1	Hindi IV History of Modern Hindi Literature	04
2	Hindi V Post-Independence Hindi Literature	04	2	Hindi V Post-Independence Hindi Literature	04
3	Hindi VI Information Technology in Hindi	04	3	Hindi VI Social Media	04
	Total Credits	12		**Total Credits**	12

T.Y.B.A. History 3 Units

Course	Semester V	Credits	Course	Semester VI	Credits
1	History IV History of Medieval India (1000 CE-1526 CE)	04	1	History IV History of Medieval India (1526 CE – 1707 CE)	04

2	History V History of Modern Maharashtra (1818 CE-1960 CE)	04	2	History V History of Contemporary India (1947 CE- 2000 CE)	04
3	History VI Media and Communication (With Project)	04	3	History VI Media and Communication (With Project)	04
	Total Credits	**12**		**Total Credits**	**12**

T.Y.B.A. Sociology 3 Units

Course	Semester V	Credits	Course	Semester VI	Credits
1	Sociology IV Theoretical sociology	04	1	Sociology IV Anthropological Thought	04
2	Sociology V Sociology of Agrarian Society	04	2	Sociology V Development and Changes in Agrarian Society	04
3	Sociology VI Sociology of Gender	04	3	Sociology VI Gender and Society in India: Contemporary Debates and Emerging Issues	04
	Total Credits	**12**		**Total Credits**	**12**

Select Any 1 Subject of 3 Units from Urdu or Economics or Political Science or Geography or Sanskrit

T.Y.B.A. Urdu 3 Units

Course	Semester V	Credits	Course	Semester VI	Credits
1	Urdu IV Essay, Translation Grammar, Rhetories & Prosody	04	1	Urdu IV Essay, Translation Grammar, Rhetories Prosody	04
2	Urdu V Extensive Study of Poet	04	2	Urdu V Extensive Study of Prose Writer	04
3	Urdu VI Urdu Journalism	04	3	Urdu VI Urdu Journalism	04
	Total Credits	**12**		**Total Credits**	**12**

T.Y.B.A. Economics 3 Units

Course	Semester V	Credits	Course	Semester VI	Credits
1	Advanced Microeconomics-III	04	1	Advanced Macroeconomics-III	04
2	Economics of Growth and Development	04	2	International Economics	04
3	Economics of Agriculture & Cooperation-I	04	3	Economics of Agriculture & Cooperation-II	04
	Total Credits	12		Total Credits	12

T.Y.B.A. Political Science 3 Units

Course	Semester V	Credits	Course	Semester VI	Credits
1	Political Science IV World Politics	04	1	Political Science IV India in World Politics	04
2	Political Science V Western Political Thought	04	2	Political Science V Indian Political Thought	04
3	Political Science VI Politics of Modern Maharashtra	04	3	Political Science VI Determinants of Politics of Maharashtra	04
	Total Credits	12		Total Credits	12

T.Y.B.A. Geography 3 Units

Course	Semester V	Credits	Course	Semester VI	Credits
1	Geography IV Geography of Settlements	04	1	Geography IV Environmental Geography	04
2	Geography V Geography of Maharashtra	04	2	Geography V Geography of Tourism & Recreation	04
3	Geography VI Tools & Techniques in Geography - I	04	3	Geography VI Tools & Techniques in Geography - II	04
	Total Credits	12		Total Credits	12

T.Y.B.A. Sanskrit 3 Units

Course	Semester V	Credits	Course	Semester VI	Credits
1	Sanskrit IV Indian Philosophical Literature	04	1	Sanskrit IV Indian Philosophical Literature	04
2	Sanskrit V History of Sanskrit Literature	04	2	Sanskrit V History of Sanskrit Literature	04
3	Sanskrit VI Ancient Indian State craft	04	3	Sanskrit VI Ancient Indian State craft	04
	Total Credits	12		**Total Credits**	12

Select Any 1 Subject of 3 Units from English or Psychology or Marathi or Rural Development

T.Y.B.A. English 3 Units

(To be revised in 2023-2024)

Course	Semester V	Credits	Course	Semester VI	Credits
1	English IV 16th to 18th Century English Literature I	04	1	English IV 16th to 18th Century English Literature II	04
2	English V Literary Criticism I	04	2	English V Literary Criticism II	04
3	English VI Grammar and Art of writing I	04	3	English VI Grammar and Art of writing II	04
	Total Credits	12		**Total Credits**	12

T.Y.B.A. Psychology 3 Units

Course	Semester V	Credits	Course	Semester VI	Credits
1	Psychology IV Psychological Testing and Statistics I Part I	04	1	Psychology IV Psychological Testing an d Statistics II Part II	04
2	Psychology V Abnormal Psychology I Part I	04	2	Psychology V Abnormal Psychology II Part II	04
3	Psychology VI Industrial Organizational Psychology II Part I	04	3	Psychology VI Industrial Organizational Psychology II Part II	04
	Total Credits	12		**Total Credits**	12

T.Y.B.A. Marathi 3 Units

Course	Semester V	Credits	Course	Semester VI	Credits
1	Marathi IV History of Medieval Marathi Literature	04	1	Marathi IV History of Medieval Marathi Literature	04
2	Marathi V Indian and Western Theories of Literature	04	2	Marathi V Indian and Western Theories of Literature	04
3	Marathi VI Literature and Society	04	3	Marathi VI Literature and Society	04
	Total Credits	**12**		**Total Credits**	**12**

T.Y.B.A. Rural Development 3 Units

Course	Semester V	Credits	Course	Semester VI	Credits
1	Rural Development IV Agriculture & It's Significance in Rural Development	04	1	Rural Development IV Agriculture & It's Significance in Rural Development	04
2	Rural Development V Rural Marketing & Finance	04	2	Rural Development V Rural Marketing & Finance	04
3	Rural Development VI Applied Agriculture	04	3	Rural Development VI Applied Agriculture	04
	Total Credits	**12**		**Total Credits**	**12**

Master of Arts (M.A. Marathi) Programme

Two Year Integrated Programme - Four Semesters Course Structure

Under Choice Based Credit System

M.A. Marathi I

Course	Semester I	Credits	Course	Semester II	Credits
1	Theory of Literature - I	06	1	Theory of Literature - II	06
2	Applied criticism - I	06	2	Applied Criticism - II	06
3	History of Marathi Literature - I	06	3	History of Marathi Literature - II	06
4	Linguistic Study of Marathi - I	06	4	Linguistic Study of Marathi - II	06
	Total Credits	**24**		**Total Credits**	**24**

M.A. Marathi II

Course	Semester III	Credits	Course	Semester IV	Credits
1	Dalit Sahitya	06	1	Feminist Movement and Theorization	06
2	Study of Form of Literature	06	2	Mass Media and Usage of Marathi Language	06
3	Socio Linguistics	06	3	Project	10
4	Research Methodology	06			
5	Mahanagariya Sahitya	06			
	Total Credits	**30**		**Total Credits**	**22**

Master of Arts (M.A. English) Programme

Two Year Integrated Programme - Four Semesters Course Structure
Under Choice Based Credit System

M.A. English I

Course	Semester I	Credits	Course	Semester II	Credits
1	English Poetry from Chaucer to the Present Pr-I	06	1	English Drama from Shakespeare to the Present Pr-V	06
2	English Non-fictional Prose from Bacon to the Present Pr-II	06	2	English Fiction from Defoe to the Present Pr-VI	06
3	Literary Criticism Pr-III	06	3	Literary Theory: Post World War II Pr-VII	06
4	Language: Basic Concept and Theories Pr- IV	06	4	English in Use and Usage Pr- VIII	06
	Total Credits	**24**		**Total Credits**	**24**

M.A. English II

Course	Semester III	Credits	Course	Semester IV	Credits
1	Indian Literature in English Translation	06	1	E content and Instruction Designing in English	06
2	American Literature	06	2	Women's Studies	06
3	English Language Teaching	06	3	Project	10
4	World Literature Today	06			
5	Pandemic Literature	06			
	Total Credits	**30**		**Total Credits**	**22**

Master of Arts (M.A. Hindi) Programme

**Two Year Integrated Programme - Four Semesters Course Structure
Under Choice Based Credit System**

M.A. Hindi I

Course	Semester I	Credits	Course	Semester II	Credits
1	History of Hindi Literature	06	1	History of Hindi Literature (Modern Age)	06
2	Poetics & Literary Criticism	06	2	Poetics & Literary Criticism	06
3	Linguistics & Hindi Language	06	3	Linguistics & Hindi Language	06
4	Ancient & Medieval Poetry	06	4	Ancient & Medieval Poetry	06
	Total Credits	**24**		**Total Credits**	**24**

M.A. Hindi II

Course	Semester III	Credits	Course	Semester IV	Credits
1	Modern Prose	06	1	Study of Hindi Literature Translated from Marathi	06
2	Modern Poetry	06	2	Mass communication	06
3	Various Discourse and Literature	06	3	Project	10
4	Hindi Poetry of Marathi Saints	06			
5	Special Study- Kamleshwar	06			
	Total Credits	**30**		**Total Credits**	**22**

Master of Arts (M.A. Sanskrit) Programme

Two Year Integrated Programme -Four Semesters Course Structure
Under Choice Based Credit System

M. A. Sanskrit I

Course	Semester I	Credits	Course	Semester II	Credits
1	Sanskrit Writing Skills	06	1	Sanskrit Grammar	06
2	Sanskrit Literature	06	2	Sanskrit Poetics	06
3	Darshana Literature	06	3	Vedic Literature	06
4	Ancient Indian Polity	06	4	Classical Sanskrit Literature	06
	Total Credits	**24**		**Total Credits**	**24**

M. A. Sanskrit II

Course	Semester III	Credits	Course	Semester IV	Credits
1	Classical Sanskrit Literature-Mahakavyas	06	1	Sanskrit Translation Studies	06
2	Classical Sanskrit Literature-Dramas	06	2	Yoga and Meditation	06
3	Classical Sanskrit Literature-Prose	06	3	Project	10
4	Classical Sanskrit Literature-Khandakavya	06			
5	Classical Sanskrit Literature-Other Literary Forms	06			
	Total Credits	**30**		**Total Credits**	**22**

Master of Arts (M.A. Economics) Programme

Two Year Integrated Programme -Four Semesters Course Structure
Under Choice Based Credit System

M.A. Economics I

Course	Semester I	Credits	Course	Semester II	Credits
1	Microeconomics - I	06	1	Microeconomics-II	06
2	Macroeconomics-I	06	2	Macroeconomics-II	06
3	Agricultural Economics	06	3	Agricultural Development and Policy	06
4	Economics of Labour Market	06	4	Industrial Relations in India	06
Total Credits		**24**	**Total Credits**		**24**

M.A. Economics II

Course	Semester III	Credits	Course	Semester IV	Credits
1	Public Finance and Public Choice	06	1	Money and Banking	06
2	International Trade: Theory and Policy	06	2	Environmental Economics	06
3	Economics of Human Development	06	3	Dissertation (Case Study)	10
4	Indian Economy	06			
5	Economics of Development	06			
Total Credits		**30**	**Total Credits**		**22**

Master of Arts (M.A. Sociology) Programme

Two Year Integrated Programme -Four Semesters Course Structure

Under Choice Based Credit System

M.A. Sociology I

Course	Semester I	Credits	Course	Semester II	Credits
1	Classical Sociological Theory	6	1	Contemporary Sociological Theories	6
2	Competing Perspectives on Indian Society	6	2	Marginalised Groups and Communities: Caste, Tribe and Gender	6
3	Classical Perspectives in Cultural Anthropology	6	3	Contemporary Perspectives in Cultural Anthropology	6
4	Methodologies of Social Research	6	4	Theorising Development and Globalization	6
	Total Credits	**24**		**Total Credits**	**24**

M.A. Sociology II

Course	Semester III	Credits	Course	Semester IV	Credits
1	Family, Marriage and Kinship	6	1	Writing Academically	6
2	Gender & Society	6	2	Sociology of Social Movements	6
3	Rural Society in India	6	3	Project	10
4	Environment & Society	6			
5	Tribes in India	6			
	Total Credits	**30**		**Total Credits**	**22**

Master of Arts M.A. History Programme

Two Year Integrated Programme -Four Semesters Course Structure
Under Choice Based Credit System

M. A. History I

Course	Semester I	Credits	Course	Semester II	Credits
1	Research Methods in History	06	1	Philosophy of History	06
2	Social, Economic and Administrative History of Early India up to 1000 CE	06	2	History of Contemporary India(1947 CE-2000 CE)	06
3	Social, Economic and Administrative History of Medieval India(1200 CE-1700 CE)	06	3	Milestones in World History (1757 CE-1960 CE)	06
4	Social, Economic and Administrative History of Modern India(1757 CE-1947 CE)	06	4	History of Emancipatory Movements in the Modern World	06
	Total Credits	**24**		**Total Credits**	**24**

M. A. History II

Course	Semester III	Credits	Course	Semester IV	Credits
1	History of Indian Cinema and Social Realities	06	1	Sources in Historical Research	06
2	History of Labour and Entrepreneurship in India (1830 CE-2000 CE)	06	2	Evolution of Human Rights in the 20th Century	06
3	Indian National Movement (1857 CE to 1947 CE)	06	3	Project	10
4	Social, Economic and Administrative History of the Marathas (1630 CE-1818 CE)	06			
5	History of Modern Europe	06			
	Total Credits	**30**		**Total Credits**	**22**

Ph.D. Hindi Programme

Refer University of Mumbai Circular No. Exam./Thesis./ Univ. / VCD / 947 of 2018 dated 15th June 2018 & re-promulgated VCD dated 15th December 2018 available on University Website www.mu.ac.in

For Admission Contact Research Guide - Dr. Shahu Dashrath Madhale,

Professor and Head of Department of Hindi.

Mobile No: 9423291529   Email:shaumadhale@gmail.com

Research Guide - Dr. Chitra M. Goswami,

Professor Department of Hindi

Mobile No: 9665330154   Email:chitramgh@gmail.com

Ph.D. Marathi Programme

Refer University of Mumbai Circular No. Exam./Thesis./ Univ. / VCD / 947 of 2018 dated 15th June 2018 & re-promulgated VCD dated 15th December 2018 available on University Website www.mu.ac.in

For Admission Contact Research Guide - Dr. Nidhi S. Patwardhan,

Associate Professor Department of Marathi

Mobile No: 7262856187   Email: nidheepatwardhan@gmail.com

FACULTY OF SCIENCE

Bachelor of Science (B.Sc.) Programme

Three Year Integrated Programme -Six Semesters Course Structure

Under Choice Based Credit System

F. Y. B. Sc.

Depending on eligibility, student can select any one combination from the following:

1. Chemistry, Physics, Mathematics (Aided)
2. Chemistry, Botany, Zoology (Aided)
3. Chemistry, Botany, Biochemistry (Unaided)
4. Chemistry, Zoology, Microbiology (Unaided)

Course	Semester I	Credits	Course	Semester II	Credits
Compul sory	Foundation Course-I **or** Foundation Course in NCC -I	02	**Compul sory**	Foundation Course-II **or** Foundation Course in NCC -II	02
Chemistry	Chemistry I	02	**Chemistry**	Chemistry I	02
	Chemistry II	02		Chemistry II	02
	Chemistry Practical	02		Chemistry Practical	02
Physics	Physics I: Classical Physics	02	**Physics**	Physics I: Mathematical Physics	02
	Physics II: Modern Physics	02		Physics II: Electricity & Electronics	02
	Physics Practical	02		Physics Practical	02
Mathematics	Mathematics I: Calculus I	02	**Mathematics**	Mathematics I: Calculus II	02
	Mathematics II: Algebra I	02		Mathematics II: Dicrete Mathematics	02
	Mathematics Practical	02		Mathematics Practical	02
Botany	Botany I: Plant Diversity I	02	**Botany**	Botany I: Plant Diversity I	02
	Botany II: Form and Function I	02		Botany II: Form and Function I	02
	Botany Practical	02		Botany Practical	02

Zoology	Zoology I: Wonders of the Animal World	02	**Zoology**	Zoology I: Biodiversity and Population Ecology	02	
	Zoology II: Instrumentation and Biotechnology	02		Zoology II: Hygiene and Common Diseases	02	
	Zoology Practical	02		Zoology Practical	02	
Biochemistry	Biochemistry I: Biomolecules and Nutrition	02	**Biochemistry**	Biochemistry I: Biomolecules and Nutrition	02	
	Biochemistry II: Introduction to Cell Biology, Physiology and Microbiology	02		Biochemistry II: Introduction to Cell Biology, Physiology and Microbiology	02	
	Biochemistry Practical	02		Biochemistry Practical	02	
Microbiology	Microbiology I: Fundamentals of Microbiology	02	**Microbiology**	Microbiology I: Basics of Microbiology	02	
	Microbiology II: Basic Techniques in Microbiology	02		Microbiology II: Exploring Microbiology	02	
	Microbiology Practical	02		Microbiology Practical	02	
Total Credits		**20**	**Total Credits**		**20**	

S. Y. B. Sc.

Depending on eligibility, student can select any one combination from the following

1. Chemistry, Physics (Aided)
2. Physics, Mathematics (Aided)
3. Chemistry, Botany (Aided)
4. Botany, Zoology (Aided)
5. Chemistry, Zoology (Aided)
6. Chemistry, Biochemistry (Unaided)
7. Zoology, Microbiology (Unaided)

Course	Semester III	Credits	Course	Semester IV	Credits
Compulsory	Foundation Course-III *or* Foundation Course in NCC -III	02	**Compulsory**	Foundation Course-IV *or* Foundation Course in NCC -IV	02
Chemistry	Chemistry I	02	**Chemistry**	Chemistry I	02
	Chemistry II	02		Chemistry II	02
	Chemistry III	02		Chemistry III	02
	Chemistry Practical -	03		Chemistry Practical -	03
Physics	Physics I: Mechanics & Thermodynamics	02	**Physics**	Physics I: Optics & Digital Electronics	02
	Physics II : Vector Calculus Analog Electronics	02		Physics II: Quantum Mechanics	02
	Physics III: Applied Physics I	02		Physics III: Applied Physics II	02
	Physics Practical	03		Physics Practical	03

Mathematics	Mathematics I: Calculus III	**02**	**Mathematics**	Mathematics I: Multivariable Calculas-I	**02**
	Mathematics II: Linear Algebra -I	**02**		Mathematics II: Linear Algebra-II	**02**
	Mathematics III: Ordinary Differential Equations	**02**		Mathematics III: Numerical Methods	**02**
	Mathematics Practical	**03**		Mathematics Practical	**03**
Botany	Botany I: Plant Diversity II	**02**	**Botany**	Botany I: Plant Diversity II	**02**
	Botany II: Form and Function II	**02**		Botany II: Form and Function II	**02**
	Botany III: Current Trends in Plant Sciences I	**02**		Botany III: Current Trends in Plant Sciences I	**02**
	Botany Practical	**03**		Botany Practical	**03**
Zoology	Zoology I: Fundamentals of Genetics, Chromosomes and Heredity, Nucleic Acids	**02**	**Zoology**	Zoology I : Origin and Evolution of Life, Population Genetics And Evolution, Scientific Attitude, Methodology, Scientific Writing and Ethics in Scientific Research	**02**
	Zoology II: Nutrition and Excretion, Respiration and Circulation, Control and Coordination of Life Processes, Locomotion and Reproduction	**02**		Zoology II Cell Biology, Endomembrane System, Biomolecules	**02**
	Zoology III: Ethology, Parasitology, Economic Zoology	**02**		Zoology III Comparative Embryology, Aspects of Human Reproduction, Pollution and its Effect on Organisms	**02**
	Zoology Practical	**03**		Zoology Practical	**03**

Biochcemisty	Biochemistry I: Bioorganic Chemistry and Biophysical Methods	02	**Biochcemisty**	Biochemistry I: Bioorganic Chemistry and Biophysical Methods	02
	Biochemistry II: Fundamentals of Genetics and Physiology	02		Biochemistry II: Fundamentals of Genetics and Physiology	02
	Biochemistry III: Applied Biochemistry I	02		Biochemistry III: Applied Biochemistry II	02
	Biochemistry Practical	03		Biochemistry Practical	03
Microbiology	Microbiology I: Biomolecules and Microbial Taxonomy	02	**Microbiology**	Microbiology I: Metabolism and Basic Analytical Techniques	02
	Microbiology II: Environmental Microbiology	02		Microbiology II: Applied Microbiology	02
	Microbiology III: Introduction to Clinical Microbiology	02		Microbiology III: Fermented Foods, Food Sanitation and Microbial Ecology	02
	Microbiology Practical	03		Microbiology Practical	03
	Total Credits	**20**		**Total Credits**	**20**

T. Y. B. Sc.

Depending on Eligibility, Student Can Select Any One Subject from the following:

1. Chemistry (Aided)
2. Physics (Aided)
3. Mathematics (Aided)
4. Botany (Aided)
5. Zoology (Aided)
6. Biochemistry (Unaided)
7. Microbiology (Unaided)

T. Y. B.Sc. Chemistry

Course	Semester V	Credits	Course	Semester VI	Credits
1	USCH501 Physical Chemistry	**2.5**	1	USCH601 Physical Chemistry	**2.5**
2	USCH502 Inorganic Chemistry	**2.5**	2	USCH602 Inorganic Chemistry	**2.5**
3	Practical of USCH501 and USCH502	**03**	3	Practical of USCH601 and USCH602	**03**
4	USCH503 Organic Chemistry	**2.5**	4	USCH603 Organic Chemistry	**2.5**
5	USCH504 Analytical Chemistry	**2.5**	5	USCH604 Analytical Chemistry	**2.5**
6	Practical of USCH503 and USCH504	**03**	6	Practical of USCH603 and USCH604	**03**
7	USACDD501 Drugs and Dyes	**02**	7	USACDD601 Drugs and Dyes	**02**
8	Practical of USACDD501	**02**	8	Practical of USACDD601	**02**
	Total Credits	**20**		Total Credits	**20**

T. Y. B.Sc. Physics

Course	Semester V	Credits	Course	Semester VI	Credits
1	USPH501 Mathematical, Thermal & Statistical Physics	2.5	1	USPH601 Classical Mechanics	2.5
2	USPH502 Solid State Physics	2.5	2	USPH602 Electronics	2.5
3	Practical of USPH501 & USPH502	03	3	Practical of USPH601 & USPH602	03
4	USPH503 Atomic & Molecular Physics	2.5	4	USPH603 Nuclear Physics	2.5
5	USPH504 Electrodynamics	2.5	5	USPH604 Special Theory of Relativity	2.5
6	Practical of USPH503 & USPH504	03	6	Practical of USPH603 & USPH604	03
7	USACEI501 Analog Circuits, Instruments & Consumer Appliances	02	7	USACEI601 Digital Electronics, Microprocessor, Microcontroller & OOP	02
8	Practical of USACEI501	02	8	Practical of USACEI601	02
	Total Credits	20		Total Credits	20

T. Y. B.Sc. Mathematics

Course	Semester V	Credits	Course	Semester VI	Credits
1	USMT501 Multi Variable Calculus II	2.5	1	USMT601 Basic Complex Analysis	2.5
2	USMT502 Linear Algebra	2.5	2	USMT602 Algebra	2.5
3	Practical of USMT501 and USMT502	03	3	Practical of USMT601 and USMT602	03
4	USMT503 Topology of Metric Spaces	2.5	4	USMT603 Topology of Metric Spaces and Real Analysis	2.5
5	USMT5C4 Graph Theory	2.5	5	USMT6C4 GraphTheory and Combinatorics	2.5
6	Practical of USMT503 and USMT504	03	6	Practical of USMT603 and USMT604	03
7	USACCA501 Computer Programming and System Analysis I	02	7	USACCA601 Computer Programming and System Analysis II	02
8	Practical of USACCA501	02	8	Practical of USACCA601	02
	Total Credits	20		Total Credits	20

T. Y. B.Sc. Botany

Course	Semester V	Credits	Course	Semester VI	Credits
1	USBO501 Plant Diversity III	2.5	1	USBO601 Plant Diversity III	2.5
2	USBO502 Plant Diversity IV	2.5	2	USBO602 Plant Diversity IV	2.5
3	Practical of USBO501 and USBO502	03	3	Practical of USBO601 and USBO602	03
4	USBO503 Form and Function III	2.5	4	USBO603 Form and Function III	2.5
5	USBO504 Current Trends in Plant Sciences II	2.5	5	USBO604 Current Trends in Plant Sciences II	2.5
6	Practical USBO503 and USBO504	03	6	Practical USBO603 and USBO604	03
7	USACHO501 Horticulture and Gardening I	02	7	USACHO601 Horticulture and Gardening II	02
8	Practical of USACHO501	02	8	Practical of USACHO601	02
	Total Credits	20		Total Credits	20

T. Y. B.Sc. Zoology

Course	Semester V	Credits	Course	Semester VI	Credits
1	USZO501 Taxonomy - Invertebrates and Type Study	2.5	1	USZO601 Taxonomy - Chordates and Type Study	2.5
2	USZO502 Haematology and Immunology	2.5	2	USZO602 Physiology and Tissue Culture	2.5
3	Practical of USZO501 and USZO502	03	3	Practical of USZO601 and USZO602	03
4	USZO503 Histology, Toxicology, Pathology and Biostatistics	2.5	4	USZO603 Genetics and Bioinformatics	2.5
5	USZO504 Anatomy and Developmental Biology	2.5	5	USZO604 Environmental Biology and Zoopharmacognosy	2.5

6	Practical of USZO503 and USZO504	03	6	Practical of USZO603 and USZO604	03
7	USACFBIO501 Oceanography, Aquaculture Practices, Mkt & Fin	02	7	USACFBIO601 Marine Resources Post Harvest and Farm Engg	02
8	Practical of USACFBIO501	02	8	Practical of USACFBIO601	02
	Total Credits	20		Total Credits	20

T. Y. B.Sc. Biochemistry

Course	Semester V	Credits	Course	Semester Vi	Credits
1	USBCH501 Metabolism and Analytical Techniques		2.5	1	USBCH601 Metabolism and Analytical Technique II	2.5
2	USBCH502 Environmental Science	2.5	2	USBCH602 Nutrition and Pharmacology	2.5
3	Practical of USBCH501 and USBCH502	03	3	Practical of USBCH601 and USBCH602	03
4	USBCH503 Genetics and Recombinant DNA Technology	2.5	4	USBCH603 Biostatistics and Bioinformatics	2.5
5	USBCH504 Immunology And Pathophysiology I	2.5	5	USBCH604 Immunology and Pathophysiology II	2.5
6	Practical of USBCH503 and USBCH504	03	6	Practical of USBCH603 and USBCH604	03
7	USACDD501 Drugs and Dyes	02	7	USACDD601 Drugs and Dyes	02
8	Practical of USACDD501	02	8	Practical of USACDD601	02
	Total Credits	20		Total Credits	20

T. Y. B.Sc. Microbiology

Course	Semester V	Credits	Course	Semester VI	Credits
1	USMB501 Microbial Genetics	2.5	1	USMB601 RDNA Technology, Bioinformatics and Virology	2.5
2	USMB502 Medical Microbiology And Immunology I	2.5	2	USMB602 Medical Microbiology And Immunology II	2.5
3	Practical of USMB501 and USMB502	03	3	Practical of USMB601 and USMB602	03
4	USMB503 Microbial Biochemistry I	2.5	4	USMB603 Microbial Biochemistry II	2.5
5	USMB504 Bioprocess Technology I	2.5	5	USMB604 Bioprocess Technology II	2.5
6	Practical of USMB503 and USMB504	03	6	Practical of USMB603 and USMB604	03
7	USACMT501 Techniques and Automation in MLT	02	7	USACMT601 Microbiology, Clinical Pathology and Histopathology	02
8	Practical of USACMT501	02	8	Practical of USACMT601	02
	Total Credits	20		Total Credits	20

Bachelor of Science (B.Sc. Biotechnology) Programme

Three Year Integrated Programme -Six Semesters Course Structure

Under Choice Based Credit System

F.Y. B.Sc.Biotechnology

Course	Semester I	Credits	Course	Semester II	Credits
1	USBT101 Fundamentals of Biotechnology - I	02	1	USBT201 Fundamentals of Biotechnology - II	02
2	USBT102 Microbiology - I	02	2	USBT202 Cell Biology and Microbiology - II	02
3	USBT103 Basic Chemistry - I	02	3	USBT203 Basic Chemistry - II	02
4	USBT104 Biochemistry: Concept of Biomolecules - I	02	4	USBT204 Biochemistry: **Concept of Biomolecules II and Basic analytical techniques**	02
5	USBT105 Genetics	02	5	USBT205 Physiology and Immunology	02
6	USBT106 Molecular Biology - I	02	6	USBT206 Basic Computers and Biostatistics	02
7	USBT107 Ability Enhancement Course – Communication Skills	02	7	USBT207 Ability Enhancement Course – Sustainable development and Environmental Biotechnology	02
8	Practicals of USBT101 and USBT102	02	8	Practicals of USBT201 and USBT202	02
9	Practicals of USBT103 and USBT104	02	9	Practicals of USBT203 and USBT204	02
10	Practicals of USBT105 and USBT106	02	10	Practicals of USBT205 and USBT206	02
	Total Credits	**20**		**Total Credits**	**20**

S.Y.B.Sc. Biotechnology

To be revised in 2023-2024

Course	Semester III	Credits	Course	Semester IV	Credits
1	USBT301 Biophysics	02	1	USBT401 Biochemistry	02
2	USBT302 Applied Chemistry-I	02	2	USBT402 Applied Chemistry-II	02
3	USBT303 Immunology	02	3	USBT403 Medical Microbiology	02
4	USBT304 Cell Biology and Cytogenetics	02	4	USBT404 Environmental Biotechnology	02
5	USBT305 Molecular Biology	02	5	USBT405 Biostatistics and Bioinformatics	02
6	USBT306 Bioprocess Technology	02	6	USBT406 Molecular Diagnostics	02
7	USBT307 Research Methodology	02	7	USBT407 Entrepreneurship Development	02
8	Practical of USBT301 and USBT302	02	8	Practical of USBT401 and USBT402	02
9	Practical of USBT303 and USBT304	02	9	Practical of USBT403 and USBT404	02
10	Practical of USBT305 and USBT306	02	10	Practical of USBT405 and USBT406	02
	Total Credits	**20**		**Total Credits**	**20**

T.Y.B.Sc.Biotechnology

Course	Semester V	Credits	Course	Semester VI	Credits
1	USBT501 Cell Biology	2.5	1	USBT601 Biochemistry	2.5
2	USBT502 Medical Microbiology and Instrumentation	2.5	2	USBT602 Industrial Microbiology	2.5
3	Practical of USBT501 and USBT502	03	3	Practical of USBT601 and USBT602	03
4	USBT503 Genomes and Molecular Biology	2.5	4	USBT603 Pharmacology and Neurochemistry	2.5
5	USBT504 Marine Biotechnology	2.5	5	USBT604 Environmental Biotechnology	2.5
6	Practical of USBT503 and USBT504	03	6	Practical of USBT603 and USBT604	03
7	Applied Component : Biosafety	02	7	Applied Component : Agribiotechnology	02
8	Practical of Applied Component :	02	8	Practical of Applied Component :	02
	Total Credits	20		Total Credits	20

Bachelor of Science (B.Sc. Computer Science) Programme

Three Year Integrated Programme -Six Semesters Course Structure
Under Choice Based Credit System

F.Y.B.Sc. Computer Science

Course	Semester I	Credits	Course	Semester II	Credits
1	Digital Systems & Architecture	2	1	Design & Analysis of Algorithms	2
2	Digital Systems & Architecture Practical	1	2	Design & Analysis of Algorithms– Practical	1
3	Introduction to Programming with Python	2	3	Advanced Python Programming	2
4	Introduction to Programming with Python– Practical	1	4	Advanced Python Programming– Practical	1
5	LINUX Operating System	2	5	Introduction to OOPs using C++	2
6	LINUX Operating System - Practical	1	6	Introduction to OOPs using C++ - Practical	1
7	Open Source Technologies	2	7	Database Systems	2
8	Open Source Technologies- Practical	1	8	Database Systems- Practical	1
9	Discrete Mathematics	2	9	Calculus	2
10	Discrete Mathematics - Practical	1	10	Calculus - Practical	1
11	Descriptive Statistics	2	11	Statistical Methods	2
12	Descriptive Statistics - Practical	1	12	Statistical Methods - Practical	1
13	Soft Skills	2	13	E-Commerce & Digital Marketing	2
Total Credits		**20**	**Total Credits**		**20**

S.Y.B.SC. Computer Science

Course	Semester III	Credits	Course	Semester IV	Credits
1	Principles of Operating Systems	2	1	Theory of Computation	2
2	Principles of Operating Systems - Practical	1	2	Theory of Computation – Practical	1
3	Linear Algebra	2	3	Computer Networks	2
4	Linear Algebra - Practical	1	4	Computer Networks – Practical	1
5	Data Structures	2	5	Software Engineering	2
6	Data Structures -Practical	1	6	Software Engineering – Practical	1
7	Advance Database Concepts	2	7	IoT Technologies	2
8	Advanced Database Concepts – Practical	1	8	IoT Technologies – Practical	1
9	Java based Application Development	2	9	Android Application Development	2
10	Java based Application Development – Practical	1	10	Android Application Development – Practical	1
11	Web Technologies	2	11	Advanced Application Development	2
12	Web Technologies – Practical	1	12	Advanced Application Development – Practical	1
13	Creative Content Writing	2	13	Management & Entrepreneurship	2
	Total Credits	**20**		**Total Credits**	**20**

T.Y.B.SC. Computer Science

To be revised in 2023-2024

Course	Semester V	Credits	Course	Semester VI	Credits
	Elective-I			**Elective-I**	
1	USCS501 Artificial Intelligence	03	1	USCS601 Wireless Sensor Networks and Mobile Communication	03
2	USCS503 Software Testing and Quality Assurance	03	2	USCS603 Cyber Forensics	03
3	Practical of Elective-I	02	3	Practical of Elective-I	02

	Elective-II				Elective-II	
4	USCS504 Information and Network Security	03	4	USCS605 Digital Image Processing	03
5	USCS506 Web Services	03	5	USCS606 Data Science	03
6	Practical of Elective-II	02	6	Practical of Elective-II	02
	Compulsory Courses			**Compulsory Courses**	
7	USCS507 Skill Enhancement : Game Programming	02	7	USCS607 Skill Enhancement : Ethical Hacking	02
8	Project Implementation	01	8	Project Implementation	01
9	Practical of Skill Enhancement USCS507	01	9	Practical of Skill EnhancementUSCS607	01
	Total Credits	20		**Total Credits**	20

Bachelor of Science (B.Sc. Information Technology) Programme

Three Year Integrated Programme -Six Semesters Course Structure

Under Choice Based Credit System

F.Y.B.Sc.IT

Course	Semester I	Credits	Course	Semester II	Credits
1	Programming Principles with C	**02**	1	Object Oriented Programming with C++	**02**
2	Digital Logic and Applications	**02**	2	Fundamentals of Micro Processor and Microcontrollers	**02**
3	Fundamentals of Database Management Systems	**02**	3	Web Applications Development	**02**
4	Computational Logic and Discrete Structure	**02**	4	Numerical Methods	**02**
5	Technical Communication Skills	**02**	5	Green IT	**02**
6	Programming Principles with C Practical	**02**	6	Object Oriented Programming with C++ Practical	**02**

7	Digital Logic and Applications Practical	02	7	Fundamentals of Micro Processor and Microcontrollers Practical	02
8	Fundamentals of Database Management Systems Practical	02	8	Web Applications Development Practical	02
9	Computational Logic and Discrete Structure Practical	02	9	Numerical Methods Practical	02
10	Technical Communication Skills Practical	02	10	Green IT Practical	02
Total Credits		**20**	**Total Credits**		**20**

S.Y.B.Sc.IT
(To be revised in 2023-2024)

Course	Semester III	Credits	Course	Semester IV	Credits
1	Python Programming	02	1	Core Java	02
2	Data Structures	02	2	Introduction to Embedded Systems	02
3	Computer Networks	02	3	Computer Oriented Statistical Techniques	02
4	Database Management Systems	02	4	Software Engineering	02
5	Applied Mathematics	02	5	Computer Graphics and Animation	02
6	Python Programming Practical	02	6	Core Java Practical	02
7	Data Structures Practical	02	7	Introduction to Embedded Systems Practical	02
8	Computer Networks Practical	02	8	Computer Oriented Statistical Techniques Practical	02
9	Database Management Systems Practical	02	9	Software Engineering Practical	02
10	Mobile Programming Practical	02	10	Computer Graphics and Animation Practical	02
Total Credits		**20**	**Total Credits**		**20**

T.Y.B.Sc.IT

Course	Semester V	Credits	Course	Semester VI	Credits
1	Software Project Management	02	1	Software Quality Assurance	02
2	Internet of Things	02	2	Security in Computing	02
3	Advanced Web Programming	02	3	Business Intelligence	02
4	Artificial Intelligence	02	4	Principles of Geographic Information Systems	02
5	Enterprise Java	02	5	Cyber Laws	02
6	Project Dissertation	02	6	Project Implementation	02
7	Internet of Things Practical	02	7	Security in Computing Practical	02
8	Advanced Web Programming Practical	02	8	Business Intelligence Practical	02
9	Artificial Intelligence Practical	02	9	Principles of Geographic Information Systems Practical	02
10	Enterprise Java Practical	02	10	Advanced Mobile Programming	02
Total Credits		**20**	**Total Credits**		**20**

Master of Science (M.Sc. Physics) Programme

Two Year Integrated Programme - Four Semesters Course Structure
Under Choice Based Credit System

M.Sc. Physics I

Course	Semester I	Credits	Course	Semester II	Credits
1	Mathematical Methods	04	1	Advance Electronics	04
2	Classical Mechanics	04	2	Electrodynamics	04
3	Quantum Mechanics - I	04	3	Quantum Mechanics - II	04
4	Solid State Physics	04	4	Solid State Devices	04
5	Practical Lab Course 1	04	5	Practical Lab Course 1	04
6	Practical Lab Course 2	04	6	Practical Lab Course 2	04
	Total Credits	**24**		**Total Credits**	**24**

M.Sc. Physics II

Course	Semester III	Credits	Course	Semester IV	Credits
1	Statistical Mechanics	04	1	Experimental Physics	04
2	Nuclear Physics	04	2	Atomic and Molecular Physics	04
3	8,16- bit Microprocessors, Microcontroller and PIC Microcontrollers	04	3	32-Bit Microprocessor, Interfacing 8 bit Microcontrollers and PIC Microcontrollers	04
4	Programming Using C++,VC++, Embedded Systems and RTOS	04	4	VHDL, Understanding, USB and Communication Interface	04
5	Project 3	04	5	Project 4	04
6	Advanced Physics Lab 1	04	6	Advanced Physics Lab 2	04
	Total Credits	**24**		**Total Credits**	**24**

Master of Science (M.Sc. Chemistry) Programme

Two Year Integrated Programme -Four Semesters Course Structure

Under Choice Based Credit System

M.Sc. Chemistry I

Course	Semester I	Credits	Course	Semester II	Credits
1	Physical Chemistry	04	1	Physical Chemistry	04
2	Physical Chemistry Practical	02	2	Physical Chemistry Practical	02
3	Inorganic Chemistry	04	3	Inorganic Chemistry	04
4	Inorganic Chemistry Practical	02	4	Inorganic Chemistry Practical	02
5	Organic Chemistry	04	5	Organic Chemistry	04
6	Organic Chemistry Practical	02	6	Organic Chemistry Practical	02
7	Analytical Chemistry	04	7	Analytical Chemistry	04
8	Analytical Chemistry Practical	02	8	Analytical Chemistry Practical	02
	Total Credits	**24**		**Total Credits**	**24**

M.Sc. Analytical Chemistry II

Course	Semester III	Credits	Course	Semester IV	Credits
1	Quality in Analytical Chemistry	04	1	Quality in Analytical Chemistry	04
2	Quality in Analytical Chemistry Practical	02	2	Quality in Analytical Chemistry Practical	02
3	Advance Instrumental Techniques	04	3	Advance Instrumental Techniques	04
4	Advance Instrumental Techniques Practical	02	4	Advance Instrumental Techniques Practical	02
5	Bioanalytical Chemistry and Food Analysis	04	5	Selected Topics in Analytical Chemistry	04
6	Bioanalytical Chemistry and Food Analysis Practical	02	6	Selected Topics in Analytical Chemistry Practical	02

7	Environmental & Certain Industrially Important Materials	04	7	Research Methodology	04
8	Environmental & Certain Industrially Important Materials Practical	02	8	Research Methodology Practical	02
Total Credits		**24**	**Total Credits**		**24**

M.Sc. Organic Chemistry II

Course	Semester III	Credits	Course	Semester IV	Credits
1	Theoretical Organic Chemistry-I	04	1	Theoretical Organic Chemistry-II	04
2	Theoretical Organic Chemistry-I Practical	02	2	Theoretical Organic Chemistry -II Practical	02
3	Synthetic Organic Chemistry-I	04	3	Synthetic Organic Chemistry-II	04
4	Synthetic Organic Chemistry-I Practical	02	4	Synthetic Organic Chemistry-II Practical	02
5	Natural Products & Spectroscopy-I	04	5	Natural Products & Heterocyclic chemistry-II	04
6	Natural Products & Spectroscopy-I Practical	02	6	Natural Products & Heterocyclic Chemistry-II Practical	02
7	Medicinal, Biogenesis & Green Chemistry	04	7	Research Methodology	04
8	Medicinal, Biogenesis & Green Chemistry Practical	02	8	Research Methodology Practical	02
Total Credits		**24**	**Total Credits**		**24**

Master of Science (M.Sc. Mathematics) Programme
Two Year Integrated Programme Four Semesters Course Structure
Under Choice Based Credit System

M.Sc. Mathematics I

Course	Semester I	Credits	Course	Semester II	Credits
1	Algebra I	5	1	Algebra II	5
2	Analysis I	5	2	Topology	5
3	Complex Analysis	5	3	Analysis II	5
4	Ordinary Differential Equations	5	4	Partial Differential Equations	5
5	Discrete Mathematics	4	5	Probability Theory	4
	Total Credits	**24**		**Total Credits**	**24**

M.Sc. Mathematics II

Course	Semester III	Credits	Course	Semester IV	Credits
1	Algebra III	06	1	Algebra IV	06
2	Functional Analysis	06	2	Fourier Analysis	05
3	Differential Geometry	06	3	Calculus on Manifolds	05
4	Numerical Analysis	03	4	Skill Based Course - Linear & Non Linear Programming	04
5	Graph Theory	03	5	Project	04
	Total Credits	**24**		**Total Credits**	**24**

Master of Science (M.Sc. Biotechnology) Programme
Two Year Integrated Programme -Four Semesters Course Structure
Under Choice Based Credit System

M.Sc. Biotechnology I

Course	Semester I	Credits	Course	Semester II	Credits
1	Biochemistry	04	1	Bioinformatics and Biostatistics	04
2	Biochemistry Practical	02	2	Bioinformatics and Biostatistics Practical	02
3	Immunology	04	3	Plant and Animal Biotechnology	04
4	Immunology Practical	02	4	Plant and Animal Biotechnology Practical	02
5	Cell Biology	04	5	Bioprocess Engineering and Technology	04
6	Cell Biology Practical	02	6	Bioprocess Engineering and Technology Practical	02
7	Emerging Technologies and Molecular Diagnostics	04	7	Intellectual Property Rights and Bioethics	04
8	Emerging Technologies and Molecular Diagnostics Practical	02	8	Intellectual Property Rights and Bioethics Practical	02
	Total Credits	**24**		**Total Credits**	**24**

M.Sc. Biotechnology II

Course	Semester III	Credits	Course	Semester IV	Credits
1	Applied Virology & Microbiology	04	1	Nanobiotechnology	04
2	Applied Virology & Microbiology Practical	02	2	Nanobiotechnology Practical	02
3	Environmental Biotechnology	04	3	OMICS & System Biology	04
4	Environmental Biotechnology Practical	02	4	OMICS & System Biology Practical	02
5	Biologics & Regulatory Affairs	04	5	Drug Discovery & Clinical Study	04
6	Biologics & Regulatory Affairs Practical	02	6	Drug Discovery & Clinical Study Practical	02
7	Molecular Enzymology & Enzyme Technology	04	7	Scientific Writing & Food Biotechnology	04
8	Molecular Enzymology & Enzyme Technology Practical	02	8	Scientific Writing & Food Biotechnology Practical	02
Total Credits		**24**	**Total Credits**		**24**

Master of Science (M.Sc. Microbiology)Programme
Two Year Integrated Programme -Four Semesters Course Structure
Under Choice Based Credit System

M.Sc. Microbiology I

Course	Semester I	Credits	Course	Semester II	Credits
1	Molecular Genetics-1	04	1	Molecular Genetics-2	04
2	Molecular Genetics-1 Practical	02	2	Molecular Genetics-2 Practical	02
3	Environmental Microbiology and Sustainability	04	3	Research Methodology, Bioinformatics and Biostatistics	04
4	Environmental Microbiology and Sustainability Practical	02	4	Research Methodology, Bioinformatics and Biostatistics Practical	02
5	Biochemistry	04	5	Applied Biochemistry	04
6	Biochemistry Practical	02	6	Applied Biochemistry Practical	02

7	Medical Microbiology and Microbial Pathogenesis	04	7	Applied Immunology	04
8	Medical Microbiology and Microbial Pathogenesis Practical	02	8	Applied Immunology Practical	02
	Total Credits	**24**		**Total Credits**	**24**

M.Sc. Microbiology II

Course	Semester III	Credits	Course	Semester IV	Credits
1	Tools and Techniques in Microbiology	04	1	Industrial & Food Microbiology	04
2	Tools and Techniques in Microbiology Practical	02	2	Industrial & Food Microbiology Practical	02
3	Pharmaceutical & Cosmetic Microbiology	04	3	Applied Microbiology	04
4	Pharmaceutical & Cosmetic Microbiology Practical	02	4	Applied Microbiology Practical	02
5	Cell Biology	04	5	Plant, Agriculture and Animal Biotechnology	04
6	Cell Biology Practical	02	6	Plant, Agriculture and Animal Biotechnology Practical	02
7	Advances in Biotechnology	04	7	Mycology, Virology & Protozoology	04
8	Advances in Biotechnology Practical	02	8	Mycology, Virology & Protozoology Practical	02
	Total Credits	**24**		**Total Credits**	**24**

Master of Science (M.Sc. Computer Science) Programme
Two Year Integrated Programme -Four Semesters Course Structure
Under Choice Based Credit System

M.Sc. Computer Science I

Course	Semester I	Credits	Course	Semester II	Credits
1	Algorithm for Optimization	04	1	Applied Machine and Deep Learning	04
2	Software Defined Networking	04	2	Natural Language Processing	04
3	Applied Signal and Image Processing	04	3	Web Mining	04
4	Advanced Database Techniques	04	4	Embedded and IoT Technology	04
5	Algorithm for Optimization (Practical)	02	5	Applied Machine and Deep Learning (Practical)	02
6	Software Defined Networking (Practical)	02	6	Natural Language Processing (Practical)	02
7	Applied Signal and Image Processing (Practical)	02	7	Web Mining (Practical)	02
8	Advanced Database Techniques (Practical)	02	8	Embedded and IoT Technology (Practical)	02
Total Credits		**24**	**Total Credits**		**24**

M.Sc. Computer Science II

Course	Semester III	Credits	Course	Semester IV	Credits
PSCS3011	Elective-1: Advanced Computing (Web3 Technologies)	04	PSCS401	Robotics (Online Mode)	04
PSCS3012	Elective-2: Advanced Computing (Trends in Cloud Computing)		PSCSP401	Robotics (Online Mode)(Practical)	02
PSCSP3011	Elective-1: Advanced Computing (Web3 Technologies) (Practical)	02	PSCS402	Advanced Deep Learning (Online Mode)	04
PSCSP3012	Elective-2: Advanced Computing (Trends in Cloud Computing)(Practical)		PSCSP402	Advanced Deep Learning (Online Mode) (Practical)	02
PSCS3021	Elective-1: Security (Cryptography and Cryptanalysis)	04	PSCSP403	Internship with Industry	06
PSCS3022	Elective-2: Security (Cyber Security and Risk Assessment)		PSCSP404	Project Implementation	06

PSCSP3021	Elective 1: Security (Cryptography and Cryptanalysis)(Practical)	02				
PSCSP3022	Elective-2: Security (Cyber Security and Risk Assessment)(Practical)					
PSCS3031	Elective-1: Computer Networking (Server and Data Centric Networking)	04				
PSCS3032	Elective-2: Computer Networking (Wireless Networking)					
PSCSP3031	Elective-1: Computer Networking (Server and Data Centric Networking)(Practical)	02				
PSCSP3032	Elective-2: Computer Networking (Wireless Networking)(Practical)					
PSCS3041	Elective-1: Data Science (Data Visualization)	04				
PSCS3042	Elective-2: Data Science (Big Data Analytics)					
Total Credits		**24**	**Total Credits**			**24**

Ph.D. Physics Programme

Refer University of Mumbai Circular No. Exam./Thesis./ Univ. / VCD / 947 of 2018 dated 15th June 2018 & re-promulgated VCD dated 15th December 2018 available on University Website www.mu.ac.in

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Ph.D. Zoology Programme

Refer University of Mumbai Circular No. Exam./Thesis./ Univ. / VCD / 947 of 2018 dated 15th June 2018 & re-promulgated VCD dated 15th December 2018 available on University Website www.mu.ac.in

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Ph.D. Chemistry Programme

Refer University of Mumbai Circular No. Exam./Thesis./ Univ. / VCD / 947 of 2018 dated 15th June 2018 & re-promulgated VCD dated 15th December 2018 available on University Website www.mu.ac.in

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FACULTY OF COMMERCE

Bachelor of Commerce (B.Com) Programme

Three Year Integrated Programme-Six Semesters Course Structure
Under Choice Based Credit System

F.Y.B.Com

Course	Semester I	Credits	Course	Semester II	Credits
1	Accountancy and Financial Management I	03	1	Accountancy and Financial Management II	03
2	Commerce I	03	2	Commerce II	03
3	Business Economics I	03	3	Business Economics II	03
4	Business Communication I	03	4	Business Communication II	03
5	Environmental Studies I	03	5	Environmental Studies II	03
6	Foundation Course - I or Foundation Course in NCC-I	02	6	Foundation Course - II or Foundation Course in NCC-II	02
7	Mathematical and Statistical Techniques I	03	7	Mathematical and Statistical Techniques II	03
	Total Credits	**20**		**Total Credits**	**20**

S.Y.B.Com

Course	Semester III	Credits	Course	Semester IV	Credits
1	Accountancy and Financial Management III	03	1	Accountancy and Financial Management IV	03
2	Financial Accounting and Auditing V:Introduction to Management Accounting OR Business Management: Marketing Management	03	2	Financial Accounting and Auditing VI: Auditing OR Business Management: Marketing Management	03
3	Commerce III	03	3	Commerce IV	03
4	Business Economics III	03	4	Business Economics IV	03
5	Advertising I OR Company Secretarial Practice I	03	5	Advertising II OR Company Secretarial Practice II	03

6	Foundation Course III or Foundation Course in NCC-III	02	6	Foundation Course IV or Foundation Course in NCC-IV	02
7	Business Law I	03	7	Business Law II	03
	Total Credits	**20**		**Total Credits**	**20**

Note: Courses selected in Semester III will be continued in Semester IV
Course No.2 above selected at SYBCOM will be continued for TYBCOM

T.Y.B.Com

Course	Semester V	Credits	Course	Semester VI	Credits
1	Commerce V	03	1	Commerce VI	03
2	Business Economics V	03	2	Business Economics VI	03
3	Financial Accounting and Auditing VII :Financial Accounting OR Business Management I	04	3	Financial Accounting and Auditing IX: Financial Accounting OR Business Management III	04
4	Financial Accounting and Auditing VIII :Cost Accounting OR Business Management II	04	4	Financial Accounting and Auditing X:Cost Accounting OR Business Management IV	04
5	Marketing Research I OR Direct & Indirect Taxation Paper I(Only for Div A & C)	03	5	Marketing Research II OR Direct & Indirect Taxation Paper II(Only for Div A & C)	03
6	Entrepreneurship & M.S.S.I. I OR Purchasing & Store keeping I (Only for Div A & C) OR Computer System & Applications I (Only for Div A & C)	03	6	Entrepreneurship & M.S.S.I. II OR Purchasing & Store keeping II(Only for Div A & C) OR Computer System & Applications II (Only for Div A & C)	03
	Total Credits	**20**		**Total Credits**	**20**

Note: Courses selected in Semester V will be continued in Semester VI

B.Com. (Accounting & Finance) Programme

Three Year Integrated Programme - Six Semesters Course Structure

Under Choice Based Credit System

F.Y.B.Com. Accounting & Finance

Course	Semester I	Credits	Course	Semester II	Credits
1	Financial Accounting I (Elements of Financial Accounting)	03	1	Financial Accounting II (Special Accounting Areas)	03
2	Cost Accounting I (Introduction & Elements of Cost)	03	2	Auditing I (Introduction and Planning)	03
3	Financial Management I (Introduction to Financial Management)	03	3	Innovative Financial Services	03
4	Business Communication I	03	4	Business Communication II	03
5	Foundation Course I	02	5	Foundation Course II	02
6	Commerce I (Business Environment)	03	6	Business Law I (Business Regulatory Framework)	03
7	Business Economics I	03	7	Business Mathematics	03
	Total Credits	**20**		**Total Credits**	**20**

S.Y.B.Com. Accounting & Finance

Course	Semester III	Credits	Course	Semester IV	Credits
1	Financial Accounting III (Special Accounting Areas)	03	1	Financial Accounting IV (Special Accounting Areas)	03
2	Cost Accounting II (Methods of Costing)	03	2	Management Accounting (Introduction to Management Accounting)	03
3	Taxation II (Direct Taxes I)	03	3	Taxation III (Direct Taxes II)	03
4	Information Technology in Accountancy I	03	4	Information Technology in Accountancy II	03
5	Foundation Course in Commerce III (Financial Market Operations)	02	5	Foundation Course in Management IV (Introduction to Management)	02
6	Business Law II (Business Regulatory Framework)	03	6	Business Law III (Company Law)	03
7	Business Economics II	03	7	Research Methodology in Accounting & Finance	03
	Total Credits	**20**		**Total Credits**	**20**

T.Y.B.Com. Accounting & Finance

Course	Semester V	Credits	Course	Semester VI	Credits
1	Financial Accounting V	04	1	Financial Accounting VII	04
2	Financial Accounting VI	04	2	Project Work	04
3	Cost Accounting III	03	3	Cost Accounting IV	03
4	Financial Management II	03	4	Financial Management III	03
5	Taxation IV (Indirect Taxes II)	03	5	Taxation V (Indirect Taxes III)	03
6	Management II (Management Applications)	03	6	Economics III (Indian Economy)	03
	Total Credits	**20**		**Total Credits**	**20**

Bachelor of Management Studies (B.M.S.) Programme
Three Year Integrated Programme - Six Semesters Course Structure
Under Choice Based Credit System

F.Y.B.M.S.

Course	Semester I	Credits	Course	Semester II	Credits
1	Introduction to Financial Accounts	03	1	Principles of management	03
2	Business Law	03	2	Industrial Law	03
3	Business statistics	03	3	Business Mathematics	03
4	Business Communication I	03	4	Business Communication II	03
5	Foundation Course I	02	5	Foundation Course II Value Education and Soft Skill	02
6	Foundation of Human Skill	03	6	Business Environment	03
7	Business Economics I	03	7	Principles of Marketing	03
	Total Credits	**20**		**Total Credits**	**20**

S.Y.B.M.S.

Course	Semester III	Credits	Course	Semester IV	Credits
FINANCE ELECTIVE COURSES					
1	Introduction to Cost Accounting	03	1	Auditing	03
2	Corporate Finance	03	2	Strategic Cost Management	03
OR MARKETING ELECTIVE COURSES					
1	Consumer Behaviour	03	1	Integrated Marketing Communication	03
2	Advertising	03	2	Rural Marketing	03
CORE COURSES					
3	Information Technology in Business Management I	03	3	Information Technology in Business Management II	03
4	Foundation Course III Environmental Management	02	4	Foundation Course IV Ethics & Governance	02
5	Business Planning & Entrepreneurial Management	03	5	Business Economics II	03
6	Accounting for Managerial Decisions	03	6	Business Research Methods	03
7	Strategic Management	03	7	Production & Total Quality Management	03
	Total Credits	20		Total Credits	20
Note- Group selected in Semester III will be continued in Semester IV, Semester V & Semester VI					

T.Y.B.M.S.

Course	Semester V	Credits	Course	Semester VI	Credits
	FINANCE ELECTIVE COURSES				
1	Investment Analysis & Portfolio Management	03	1	Project Management	03
2	Wealth Management	03	2	International Finance	03
3	Risk Management	03	3	Strategic Financial Management	03
4	Direct Taxes	03	4	Indirect Taxes	03
	OR MARKETING ELECTIVE COURSES				
1	Services Marketing	03	1	Brand Management	03
2	E-Commerce & Digital Marketing	03	2	Retail Management	03
3	Sales & Distribution Management	03	3	International Marketing	03
4	Customer Relationship Management	03	4	Media Planning & Management	03
	CORE COURSES				
5	Logistics and Supply Chain Management	04	5	Operational Research	04
6	Corporate Communication and Public Relations	04	6	Project work	04
	Total Credits	**20**		**Total Credits**	**20**
	Note- Group selected in Semester III will be continued in Semester IV, Semester V & Semester VI				

Master of Commerce (M.Com) Programme
Two Year Integrated Programme -Four Semesters Course Structure
Under Choice Based Credit System

M.Com I

Course	Semester I	Credits	Course	Semester II	Credits
1	Strategic Management	06	1	Research Methodology for Business	06
2	Economics for Business Decisions	06	2	Macro Economics Concepts and Applications	06
3	Cost and Management Accounting	06	3	Corporate Finance	06
4	Business Ethics and Corporate Social Responsibility	06	4	E-Commerce	06
	Total Credits	**24**		**Total Credits**	**24**

M.Com II

Course	Semester III	Credits	Course	Semester IV	Credits
1	Advanced Financial Accounting	06	1	Corporate Financial Accounting	06
2	Direct Tax	06	2	Indirect Tax- Introduction of Goods and Service Tax	06
3	Advanced Cost Accounting	06	3	Financial Management	06
4	Project Work I	06	4	Project Work II	06
	Total Credits	**24**		**Total Credits**	**24**

Ph.D. Commerce (Accountancy) Programme

Refer University of Mumbai Circular No. Exam./Thesis./ Univ. / VCD / 947 of 2018 dated 15th June 2018 & re-promulgated VCD dated 15th December 2018 available on University Website www.mu.ac.in

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Professor Department of Accountancy

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Ph.D. Commerce (Business Economics) Programme

Refer University of Mumbai Circular No. Exam./Thesis./ Univ. / VCD / 947 of 2018 dated 15th June 2018 & re-promulgated VCD dated 15th December 2018 available on University Website www.mu.ac.in

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ATTENDANCE, RENEWAL & CLEARANCE FORM

ATTENDANCE : According to the University norms, students who wish to perceive the admission in the college have to attend regularly the scheduled lectures, tutorials, and practical and semester wise examinations. College maintains lecture wise attendance of every student. A student having attendance less than 75% per Course in a month is remarked as irregular student. If anyone is continuously irregular in number of Courses then parents of such students are informed about his/her irregularity and punishable action is taken. If no progress is observed in the overall behaviour of the student, then as per university norms severe actions will be taken against the student. Student should keep serious concern about his/her attendance.

As per O.6086 in respect of **Attendance for learners** Every bonafide learner shall ordinarily be allowed to keep terms for the given semester in a program of his enrolment, only if he fulfills at least seventy five percent (75%) of the attendance taken as an average of the total number of lectures, practicals, tutorials etc. wherein short and/or long excursions/field visits/study tours organized by the college and supervised by the teachers as envisaged in the syllabus shall be credited to his attendance for the total no of periods which are otherwise delivered on the material day/s. Further it is mandatory for every learner to have min 50% attendance for each course & average attendance has to be 75%.

Students should duly inform the concerned Vice Principal about their absence or irregularity with appropriate reasons.Parents are requested to meet the concerned Vice Principal at least once in a Semester to discuss about attendance and overall academics of the ward.

VISITING HOURS:

Saturday - 11:00 a.m. to 01:00 p.m. (Arts / Commerce)

Saturday – 03:00 p.m. to 05:00 p.m. (Science)

RENEWAL OF ADMISSION : It is essential to renew the admission for Semester II, Semester IV and Semester VI as per the schedule declared by college time to time. Students should note that the renewal of admission may be denied if attendance of previous semester, progress in the studies and disciplined behaviour is not satisfactory.

SUBMISSION OF CLEARANCE FORM : After completion of all academic activities of the year, all students are expected to submit the clearance form. Undergraduate Students in Arts, Commerce and Science should take the signature of the Vice Principal of their faculty on clearance form before commencement of second term examination. (i. e. FY students before Semester II, SY students before Semester IV and TY students before Semester VI examination)

Postgraduate Students in Arts, Commerce and Science should take the signature of the Head of Postgraduate section of respective faculty on clearance form before commencement of second term examination. (i. e. Part I students before Semester II and

Part II students before Semester IV examination)

If the clearance form is not submitted, the student is not permitted to appear for the examination. It is the responsibility of the student to ensure that your clearance is done in time.

EXAMINATION AND EVALUATION

1. B.A. /B.Sc./B.Com. (100 Marks Pattern)

- Semester End Examination for every Programme.
- Each Course will have examination of 100 marks except for Foundation Course examination of 75 marks and project work for 25 marks and for Rural Development examination of 70 marks and practical of 30 marks.
- Semester I, Semester II, Semester III and Semester IV (Regular, ATKT & Additional) examinations are to be conducted by college on behalf of University of Mumbai.
- Semester V and Semester VI examination is to be conducted by University of Mumbai.
- Project Work if any for the above programmes is evaluated as per guidelines in the syllabus.

2. B.Sc.(Computer Science)/ B.Sc.(Biotechnology)/ B.Sc.(Information Technology)/ B.Com.(Accounting & Finance)/ B.M.S.(75:25 Pattern)

- Semester End Examination for every Programme.
- Each Course will have examination of 75 marks and internal assessment of 25 marks.
- Internal assessment of 25 marks consists of 20 marks for Test and 05 marks for Overall Performance.
- Semester I, Semester II, Semester III and Semester IV (Regular, ATKT & Additional) examinations are to be conducted by college on behalf of University of Mumbai.
- Semester V and Semester VI examination is to be conducted by University of Mumbai.
- Project Work if any for the above programme is evaluated as per guidelines in the syllabus.

3.M.A. /M.Sc./M.Com. (60:40 Pattern)

- Semester End Examination for every Programme.
- Each Course will have examination of 60 marks and internal assessment of 40 marks
- Semester I, Semester II, Semester III and Semester IV examination is to be conducted by University of Mumbai.
- Project Work if any for the above programme is evaluated as per guidelines in the syllabus.

4. Standard of Passing

The learner to pass a course have to obtained minimum of 40% marks in aggregate for each course. Where the course consists of Internal Assessment & Semester End Examination, the learner shall obtain minimum of 40%marks (i.e.10 out of 25; 16 out of 40) in the internal assessment and 40% marks in Semester End Examination (i.e.40 out of 100; 30 out of 75; 24 out of 60) separately, to pass the course. A learner will be said to have passed the course if the learner passes the internal assessment & Semester End Examination together.

5. Performance Grading / Passing Standards

Marks Obtained	Grade Point	Grade	Performance
80-100	10	O	Outstanding
70 -79	9	A+	Excellent
60-69	8	A	Very Good
55 -59	7	B+	Good
50-54	6	B	Above Average
45-49	5	C	Average
40-44	4	D	Pass
Less than 40	0	F	Fail

6. ALLOWED TO KEEP TERMS (ATKT)

A. Allowed to Keep Terms (ATKT) for B.A. /B.Com./B.Com.(Accounting & Finance)/ B.M.S./B.Sc.(Information Technology)

• A learner shall be allowed to keep term for Semester II irrespective of number of courses of failure in the Semester I.

• A learner shall be allowed to keep term for Semester III if he / she passes each of Semester I and Semester II **OR** A learner fails in not more than **FOUR** courses of Semester I and Semester II taken together with not more than **TWO** courses at each of Semester I and Semester II

• A learner shall be allowed to keep term for Semester IV irrespective of number of courses of failure in the Semester III.

• A learner shall be allowed to keep term for Semester V if he / she passes each of Semester I, Semester II, Semester III and Semester IV **OR** A learner shall pass Semester I and Semester II and fails in not more than **FOUR** courses of Semester III and Semester IV taken together with not more than **TWO** courses at each of Semester III and Semester IV

- A learner shall be allowed to keep term for Semester VI irrespective of number of courses of failure in the Semester V.
- The learner can appear for the Semester VI examination but the result of Semester VI shall be kept in abeyance until the learner passes each of Semester I, Semester II, Semester III, Semester IV and Semester V examination.

B. Allowed to Keep Terms (ATKT) for B.Sc./B.Sc.(Computer Science)/ B.Sc.(Biotechnology)

- A learner shall be allowed to keep term for Semester II irrespective of number of courses of failure in the Semester I.
- A learner shall be allowed to keep term for Semester III if he / she passes each of Semester I and Semester II **OR** A learner fails in not more than **SIX** courses of Semester I and Semester II taken together with not more than **THREE** courses at each of Semester I and Semester II
- A learner shall be allowed to keep term for Semester IV irrespective of number of courses of failure in the Semester III.
- A learner shall be allowed to keep term for Semester V if he / she passes each of Semester I, Semester II, Semester III and Semester IV **OR** A learner shall pass Semester I and Semester II and fails in not more than **SIX** courses of Semester III and Semester IV taken together with not more than **THREE** courses at each of Semester III and Semester IV
- A learner shall be allowed to keep term for Semester VI irrespective of number of courses of failure in the Semester V.
- The learner can appear for the Semester VI examination but the result of Semester VI shall be kept in abeyance until the learner passes each of Semester I, Semester II, Semester III, Semester IV and Semester V examination.

C.   Allowed to Keep Terms (ATKT) for M.A. /M.Sc./M.Com.

- A learner shall be allowed to keep term for Semester II irrespective of number of courses of failure in the Semester I.
- A learner shall be allowed to keep term for Semester III if he / she passes OR fails OR not appeared for each of Semester I and Semester II.
- A learner shall be allowed to keep term for Semester IV irrespective of number of courses of failure in the Semester III.
- The learner can appear for the Semester IV examination but the result of Semester IV shall be kept in abeyance until the learner passes each of Semester I, Semester II, and Semester III examination.

REFUND OF FEES

A reference is invited to the Ordinance relating to the Refund of fees vide this office Circular No.UG/257 of 2005 dated 1st July 2005 and the Principals of the affiliated colleges and the Heads/Directors of the recognized Institutions concerned are hereby informed that the proposa! submitted by the committee for amendment of 0.2859 relating to the refund of Tuition Fees, Development and all other fees after cancellation of admission for the Under-Graduate Courses has been accepted by the Academic Council at its meeting held on 13th June,2008 vide Item No.7.6 and subsequently approved by the Management Council at its meeting held on 23rd July 2008 vide item No.6 and that, in accordance therewith, in exercise of the powers conferred upon the Management Council under Section 54(1) of the Maharashtra Universities Act, 1994, it has amended Ordinance 2859 relating to refund of fees to read as under :-

O.2859 : Refund of Tuition, Development and all other fees after cancellation of admissions:

The candidates who have taken admission in under graduate courses in Govt, colleges, in Govt, aided and unaided courses conducted by affiliated colleges, and recognized Institutions may request for refund of fees after applying In writing for cancellation of their admission to the course. The refund of fees as applicable shall be made on or before 30th day after the date of cancellation and thereafter. The percentage of fee for the course shall be refunded to the candidate after deducting charges as follows:

Fee Deduction on cancellation of admission

Period and Percentage of deduction charges						
	(i)	(ii)	(iii)	(iv)	(v)	(vi)
	Prior to commen cement of academic term and instruction of the course	Upto 20 days after the commen cement of academic term of the course.	From 21 st day upto 50 days after commence -ment of the academic term of the course.	From 51 st day upto 80 days after the commencement of academic term of the course or August 31 st whichever is earlier.	From September 1st to September 30 th.	After September 30 th
Deduction Charges	Rs. 500/ - Lump sum	20% of the total amount of fees.	30% of the totaƚ amount of fees.	50% of the total amount of fees.	60% of the total amount of fees.	100% of the totai amount of fees

NOTE :

The total amount considered for the refund of fees from the commencement of academic term of the courses includes the following

i)   All the fee items chargeable for one year are as per relevant University circulars for different Faculties (excluding the courses for which the total amount is fixed by other competent authorities).

ii)   The Fee charged towards group insurance and all fee components to be paid as University share (including Vice- Chancellor fund, University fee for sports and cultural activities, E- charge., disaster management fund, exam, fee and Enrollment fee) are nonrefundable if payment is made by the college prior to the date of cancellation.

iii)   Fee collected for Identity card and Library card, admission form and prospectus, enrollment and any other course specific fee are not refundable after the commencement of the academic term.

iv)   All refundable deposits (Laboratory, Caution Money and Library/ etc.) shall be fully returned at the time of cancellation.

NEED BASED ADD ON/CERTIFICATE PROGRAMS AVAILABLE IN THE COLLEGE

Name of Certificate/ Add-on programs	Organising Department	Duration in Hours
Certificate Program in Banking Finance and Insurance	Accountancy	120
Certificate Program in Professional Agency in LIC of India	Commerce	30
Certificate Program in Intellectual Property Rights	Commerce	30
Certificate Program in Accounting with the use of Accounting Software Tally ERP 9	Accounting & Finance	30
Certificate Program in Web Awareness	Accounting & Finance	30
Certificate Program in E-filing of Income Tax Return	Accountancy	30
Certificate Program in GST Registration	Accountancy	30
Certificate Program in Mutual Funds	Business Economics	30
Certificate Program in Awareness of Constitution of India	BMS	30
Certificate Programme in Company Recruitment and Training	Commerce	30
Certificate Program in Research Methodology in Commerce	Commerce	30
Certificate Program in Local History of Konkan	History	30
Certificate Program in Modi Script	History	30
Certificate Program in Media Skills	English	30
Certificate Program in Library Science	Urdu	30
Certificate Program in Basic Grammar of Sanskrit	Sanskrit	30
Certificate Program in Sanskrit Conversation	Sanskrit	30

Certificate Program in Sanskrit (01 year)	Sanskrit	120
Diploma Program in Sanskrit (01 year)	Sanskrit	120
Diploma Program in GPS, Surveying and GIS	Geography	120
Certificate Program in Stage Performance and Script Writing	Marathi	30
Certificate Program in English Grammer & LSW Skills	English	30
Certificate Program in preparation of "Hand cut Permanent Slides"	Botany	30
Certificate Program in Mathematics	Mathematics	30
Certificate Program in Basic Astronomy and Sky Observation	Physics	120
Diploma Program in Applied Mathematics	Mathematics	120
Certificate Program Simple Techniques in Plant Propagation	Botany	30
Certificate Program in Fruit Processing and Preservation	Botany	30
Certificate Program in Python Programming	Mathematics	30
Certificate Program in Soil Testing	Chemistry	30
Certificate Program in C-Programming	Computer Science	30
Certificate Program in Web Designing with BootStrap	Information Technology	30
Certificate Program in Advanced Excel	Mathematics	30
Certificate Program in Advanced-Excel Programming	Mathematics	30
Certificate Program in App development using Android Studio.	Computer Science	30
Certificate Program in Search Engine Optimization.	Information Technology	30
Certificate Program in Ornamental Fish Breeding, Setting and Maintenance of Aquarium Tank.	Zoology	30
Certificate Program in CA-TEL	Accountancy	30

EXTRA-CURRICULAR ACTIVITIES

O.229: Candidates appearing for any of the University examination/examinations conducted on behalf of the University, except those where point system of evaluation is introduced, shall be eligible for the award of maximum 10 grace marks at their option, wherever necessary in addition to the mark secured in each head of passing for participation in any one of the activities mentioned below:(That if the examination is conducted in Semester and the marks of the two semesters are clubbed, the same shall be granted in even semester examination of that academic year)

1. National Service Scheme (N.S.S.) :

It is run in the college under Ministry of Youth Affairs and Sports (Central Government) since its foundation on 24th September 1969.Its Motto is NOT ME BUT YOU. It means forgetting and surrendering the self and rendering selfless service to others. The educational goal of the NSS implies that besides gaining understanding of concepts like community, social structure, power conflict, etc. occurring in real life situations, students should acquire competence in the field of programme planning, shouldering the responsibilities, participation in cooperative task and promotional work in the community.

The service goal of the NSS also calls educational approach in solving community problems. Its purpose is to help the community to recognize its needs and to assist in the mobilization of resources to meet these needs. The NSS Unit intake capacity is 300 Volunteers.

Aims and Objectives:

Personality development through social service,Understand the community in which they work, Understand themselves in relation to their community, Identify the needs and problems of the community and involve them in   problem solving process, Develop among themselves a sense of social and civic responsibility, Utilise their knowledge in finding practical solutions to individual and community problems, Develop competence required for group living and sharing of responsibilities, Gain skills in mobilizing community participation, Acquire leadership qualities and democratic attitude, Develop capacity to meet emergencies and natural disasters, Practice national integration and social harmony.

It facilitates Personality development of NSS Volunteer through social service with leadership for various works , Enhance management skills, Developing communication and interpersonal skills , Opportunities to participate in various camps at district, university, state and national level (NRD, SRD, Avhaan, Chhavani, Special regular camps, Leadership Training Camp, National Integration camp).

AS per O.229 awarded 10 marks to Students who have participated in the N.S.S. programme and have satisfactorily completed at least 120 hours of Social Service comprising the time spent in at least 2 types of projects as certified by the Principal of their respective College and forwarded by the N.S.S. Programme Co-ordinator.

Contact for admission to Program Officers: Mr. S.S. Sangare, Ms. U.E.Joshi, Ms.H.S. Patwardhan, Mr. S.N.Gopale

2. N.C.C. Army and Navy :

The National Cadet Corps is the Indian military cadet corps with its head Quarters at New Delhi. It is open to school and college students on voluntary basis. The National Cadet Corps in India are a voluntary organization which recruits cadets from high schools, colleges and Universities all over India. The Cadets are given basic military training in small arms and parades. The officers and cadets have no liability for active military service once they complete their course but are given preference over normal candidates during selections based on the achievements in the corps.

The N.C.C. Training imparts service training and enduring abilities. Exposure to National and International camps through N.C.C. is a regular feature. The N.C.C. Unit of the college encourages the skills of Ship Modeling. The VET program in ship modeling has yielded self-employment opportunity for the trainees. The Motto of NCC is Unity and Discipline (Ekta aur Anushasan). The College started the NCC in the year of 1955 as a NCC (Army wing) and in 1958 NCC as (Naval Unit). The intake capacity of NCC Army wing is 53 and NCC Naval wing 100 SD (Boys) and 50 SW (girls).

DG's four Cardinal Principals of Discipline:

- Obey with a smile
- Be Punctual
- Work hard and without fuss
- Make no excuses and tell no lies

Aims of NCC:

- To develop qualities of character, courage, comradeship, discipline, leadership, secular outlook, spirit of adventure and sportsmanship and the ideals of selfless service among the youth to make them useful citizen.

- To create a human resource of organized trained and motivated youth to provide leadership in all walks of life including the Armed Forces and be always available for the service of the nation

NCC Cadets are attending the various camps such as Combined Annual Training Camp (CATC), Basic Leadership Camp (BLC), Pre Republic Day Camp (Pre-RDC), Advanced Leadership Camp (ALC) , Course at Himalayan Mountaineering Institute, Darjeeling,

Paratroopers Camp, National Integration Camp (NIC), Republic Day Camp (RDC), Tal/NauSainik Camp, Trekking Camp, Social Service Camp (SSC), Independence Day Camp (IDC), Youth Exchange Program (YEP)

As per O.229 awarded 10 marks to Students who have enrolled as members of the N.C.C. and have satisfactorily completed the N.C.C. training programme during the academic year, as certified by the Principal, Associate N.C.C. Officer of their respective College

Contact for admission to Program Officers: Cpt. Dr.Seema S. Kadam, Lt. A. S.Yadav, Lt. Dr. S. L.Bhattar.

3. Cultural :

The Cultural department is known for its passion, success and achievements. Every year it starts with "MALHAR" festival in July. It is a united festival of dance, drama, Music, literary events. We found all bright students from "MALHAR" Festival and they have achieved success in University Youth Festivals. Our College students have participated and achieved success in Inter-University "INDRADHANUSHYA" Competitions on behalf of University of Mumbai. Our College Youth festival is known as "ZEP" which promotes the qualities of the students. Our schedule is heavily loaded with workshops, competitions and Conferences.

The Cultural Association every year organises programmes like " Malhar Youth Festival", "Dandekar Monoacting Competition" and "Bhatawadekar Skit Contest" and" Zep Youth Festival" for the sake of talent hunt followed by training and mentoring the selected students by professional directors and bags number of trophies and medals by participating in all sorts of university and state level theatre competitions (mono acting, mimicry, mime, one act play and full length play in Marathi and Hindi). More advanced and interested students are also encouraged to take up full-fledged course in theatre run by Ramesh Keer Kala Academy, a sister institute of the college.

The college has a rich tradition of cultural activities in theatre, dance, music, literary events and fine arts. External experts are invited for mentoring and directing the performances. Facilities for Cultural activities includes an open air theatre, air conditioned auditorium, Separate room for rehearsals, display boards to exhibit student's creation, space for exhibition of fine arts like drawings, posters, clay models.

Youth festival on behalf of University of Mumbai is organised in the month of August with major events in Fine Art, Dance, Singing, Drama, Literary, etc. Our college has bagged the 'Runners up Trophy' of University of Mumbai in 2018 and Theatre Trophy along with Literary trophy. For the past 10 years Zonal Level Cultural Trophy is bagged by us. We have a 'Golden boy' of Maharashtra, two 'Golden girls" of Maharashtra and 'Mr University' 2018 credited to us. Using the available facilities, our students have won medals and trophies at University, State, National Level and International levels.

As per O.229 awarded 10 marks to Students who are members of team's securing first three positions in cultural group events or have secured one of the first three places in individual cultural events or whose performance have been adjudged best as an Actor/Actress, Music Director, Lighting/Sound effect Operator, Author, Choreographer, or as Director in Group events conducted at the Inter-collegiate cultural competition organized by the University, or have represented the University in any of the cultural events either at the State level or at the Zonal level or at the National level or at the International level in the same academic year as certified by the Principal of their respective college and forwarded by Head of the concerned Section

Contact for admission to Program Officers: Dr.A.B.Ambekar(Convener), Ms.S.I.Vibhute, Mr.P.M.Londhe, Mr.S.S.Sawle, Mr.S.S.Panchal, Ms.A.M.Guhagarkar, Ms.M.G.Date.

4. Sports :

The college has a history of glorious achievements of students in sports at University, State, National and International levels. A specious and well equipped sports complex is a big asset of the college .The college has a full time physical director. The sports potential of the youth of this region is properly nurtured by the strategic efforts of the college and the mentoring of the coach and the support staff by making use of the variety of facilities available in the sports complex.

The awards and recognition in sports include topmost national honours like "Shri Shiv Chhatrapati Award" " Janaki Award" and "Rani Laxmi Award" with a cash prize of INR 5 lacs as well as selection through national talent search programme of Central Government's Sports Ministry for 5 year training in sports for Mission Olympic 2024.

There are adequate sports/recreation facilities. The college has a playground (Jawahar Maidan) of 5 acres and an indoor multipurpose sports hall with Badminton court (International standard), and a separate Table Tanis and Carom Hall and two well-equipped gymnasiums.

For outdoor games and sports :

The facilities on Jawahar Maidan (playground) of the college include a running track (Synder track) of 400 meters, a Football ground, two Volleyball grounds, a Basketball court, two Kho-Kho and Kabaddi grounds, a Cricket pitch and a Handball ground court.

For indoor games and yoga :

A multipurpose indoor game hall with Badminton court (international standards), a hall housing with Table Tennis and Carom boards, Separate well equipped Gymnasiums for boys and girls. Both have facility for weight training, Weight Lifting and Power Lifting, the indoor complex is equipped with LED TV panel for demonstration of sports and games

used for coaching , the yoga related activities are conducted in the indoor hall.

As per O.229 awarded 10 marks to Students who are one of the members of the team/s reaching at Quarter Final stage at inter-collegiate sports competitions or have secured one of the eight places in order of merit in individual sport event conducted by the University or have represented the University in sport events either at the Inter-State or at Zonal level or at National Level or at International Level and have produced the necessary certificate from the Principal of their respective college and forwarded by Head of the concerned Section.hContact for admission to Program Officers: Dr.V.A. Shinde (Convener), Dr. V.V.Bhide (Vice President), Dr.C.M.Goswami, Dr.N.S.Patwardhan, Mr.A.A.Sahasrabuddhe, Mr.S.S.Sanagare, Mr.S.L. Ghaisas, Mr.S.Y.Joshi.

5. Department of Lifelong Learning and Extension :

The Department of lifelong learning has started its operations in college since 2008-09. It is functioning under the Board for Lifelong Learning and Extension to create skilled and learned human power through its various degree level programmes and skills development programmes. The Board of Lifelong Learning and Extension has the duty to create synergy at policy and operative level between various teaching, research and development institutions and various regional and national bodies and governmental agencies in the domain of lifelong learning, value education and life skills for senior citizens apart from other duties given under the Act.

It is a premier activity inducting students in community social services. The Aim of Department of Lifelong Learning and Extension is promoting a meaningful and sustained rapport between the Universities and the Community i.e., to have educational programs for a Social Change. The objectives of Lifelong Learning and Extension are outlined below for making education relevant to real life situations:

• To act as a focal agency in the University system for all Lifelong Learning programmes and to provide academic and technical resource support for community based activities in collaboration with Universities Departments and Colleges.

• To serve as an intellectual intervention in the community's living problems which need to be overcome through an educational process.

• To develop among students a sense of responsibility towards society.

• To design programs that will help students to face life and its challenges and thus create an ambience for a learning society.

• To deepen the teachers' and students' knowledge through a wider exposure to real life situations through a variety of programs.

• To prepare students for a greater social commitment.

• To enhance student employability skills

• To cater to the needs of the unreached for promoting knowledge based society.

• To network with Governmental and Non-governmental agencies, international organizations as well as industries.

• To facilitate the sensitization of the student to the socio-cultural realities, the Department offers for the student, extension work projects encompassing social issues. There are six types of Extension Work Projects are being offered by the department under the two different units for enhancing the employability and IT skills of the student.The Vocational Career Oriented Projects includes Career Project [CP], Industry Orientation Project [IOP] and Anna Poorna Yojana [APY]. The Community Oriented Projects includes Population Education Club (PEC), Survey of Women's Status (SWS) and National Institute of Open Schooling (NIOS).

As per O.229 awarded 10 marks to Students participating in the Extension Work under this Department on the satisfactory completion of 120 hours of work under various Extension Work Projects.

Contact for admission to Program Officers: Dr.R.A.Sartape (Convener), Dr.(CA)A.R.Pilankar, Mr.A.R.Rodage, Mr.S.P.Mane

6. Shodhvedh and Avishkar Research Convention :

SHODHVEDH is the research platform provided by our college to inculcate research in students' community. Shodhvedh was started in 2005-2006 by former Chairperson of Ratnagiri Education Society Late Mr. Aruappa Joshi. We are treating this platform as the primary step of zonal round of AVISHKAR (which is the Inter-University research competition organized by Government of Maharashtra).

SHODHVEDH committee is monitoring all student research activities of the college. SHODHVEDH research competition is initiated in each department by innovative ideas of either students or teachers. The college provides financial backbone to each research project. We conduct research orientation workshop for these students each year in the month of July / August. The Principal addresses the students regarding research activity. Speakers for this workshop are renowned people who are engaged in research. After listening such motivational and thoughtful process of research, students are oriented for targeted research.

Every department identifies potential students having aptitude in carrying out research activity. Each department then gives projects and the mentoring teachers to students. The department encourages the students for research by providing journals, reference books and even external researcher for additional required help. In each academic year, students work on 60-70 research projects from our college.

After 2 months duration, SHODHVEDH competition notice is issued to the students. Softcopy of the research abstract is submitted to SHODHVEDH committee of the college by the students. SHODHVEDH research competition is conducted at 3

different places for Arts, Commerce and Science faculties in the college. Expert persons are invited by the college to judge the research done. Generally, students prepare poster (1meter x 1meter size) of their research work. The Judges select prominent research projects from each faculty. After SHODHVEDH research competition, the selected projects are presented and felicitated on National Science Day.

More work is done for each selected project and thus projects are refined. In the meantime, University of Mumbai announces Inter-University research competition-AVISHKAR. Keeping in view the new challenges, His Excellency, the Governor of Maharashtra and the Chancellor of the Universities in the State of Maharashtra, Honorable Shri. S. M. Krishna had initiated AVISHKAR Research Convention in the academic year 2007-2008. Its objective are as follows:

- To inculcate research culture among students.
- To encourage original and novel thinking.
- To provide an opportunity for expression of academic talent.
- To promote interaction among academia, R & D institutes and industries.

Added more work in each research project increases the probability of sustaining in different rounds of AVISHKAR. The college takes responsibility of all the expenditures for selected research students in different rounds of AVISHKAR research competition. The potential projects from SHODHVEDH are sent to zonal level round of AVISHKAR. From this round, few projects are selected for University level round of AVISHKAR. From this round, few projects are screened for state level round of AVISHKAR. Such ecosystem is also utilized for the incubation of many useful activities in the college. The achievements of college in Avishkar Competition are remarkable. The Students of our college has bagged gold medals and silver medals many times in this competition.

As per O.229 awarded 10 marks to Students securing First Rank, Second Rank and Third Rank from every level of each category after completion of necessary formalities by the Examination Cell of the College / Recognised Institute / Department of the University /University of Mumbai.

Contact for admission to Program Officers: Dr.(CA) A.R.Pilankar,(Convener), Dr.B.B.Dhale, Mr.S.S.Sangare, Ms.S.L.Ghaisas

7. Students Council :

Formation of student council takes place according to the directives received from Director Student Development (DSD) of University of Mumbai every year. According to the directives class representatives are finalized. These class representatives form the student council. Election for the post of 'General Secretary' (GS) takes place as per the schedule given by University. The details of GS elected are forwarded to the DSD office.

Functions of Student Council Members: To participate in students council meeting, To work as a member on committees e.g. Annual Magazine (Sahakar) committee , examination committee, NSS advisory , WDC meetings, Library Committee, To Organise annual festival named 'ZepMahotsav', To share experiences, problems encountered by students in day to day functioning of academic as well as administrative work with appropriate authorities, To share grievances if any with the Principal and administrative staff, To make support in organising conferences, workshops, sport events, extra and co-curricular activities, To provide co-operation and support to take student's feedback on various aspects like curriculum delivery, teaching learning, assessment, infrastructure, student support schemes, extension activities, governance, library facility etc.

As per O.229 awarded 10 marks to Students who are members of the Students Councils constituted under Maharashtra Universities Act and have actively participated in various schemes, programmes and attended functions of the University during that academic year, as recommended by the Principal of the concerned college and certified by the Director of Students Development.

Contact for Information: Dr.Seema S. Kadam(Convener), Dr.A.B.Ambekar.

CO-CURRICULAR ACTIVITIES

1. Nature Club :

Nature club is established in 1983. Nature club has been creating the awareness regarding the importance of conservation of natural ecosystems through various activities like exhibitions, seminars, competitions and guest lectures on occasions like Environment Day, Wetland Day, Science day, It organizes different extension activities at the village level schools especially in the vicinity of the biodiversity so as to make the human habitants save the natural habitats. The research projects that the students undertake or the posters and articles through which the students express them in various wallpapers, magazines and competitions is the evidence of the impact of the extension activities of the club.

Contact for Membership: Dr.M.D.Mukadam(Convener), Mr.A.R.Rodge, Ms.S.S.Lad, Mr.N.V.Potdar, Ms.R.A.Bhave

2. Literary Association :

The college has five language departments namely Marathi, Hindi, Sanskrit, Urdu and English. Literary Association organises the programmes complementary to the study of literature in all five languages. Programmes such as poetry reading, drama reading and

presentations, storytelling, singing are organised. Activities like creative writing workshops, wallpaper publications etc. are also organised. Students also get the opportunities to interview the well-known writers.

The Literary Association plays important role in research and development of the inter language study. Objectives are as follows:

- To motivate students for creative writings
- To motivate for research in literature
- To visit Sahitya Sammelan and Book Exhibitions
- To Organise Various Language Days as Hindi Day, Urdu Day, Marathi Day
- To Organise Guest Lectures, Field Visits , Writers Interviews, Various Language Programmes

Contact for Membership: Mr.S.N.Gopale(Convener), Dr.N.S.Patwardhan, Mr.K.I. Khandekar, Ms.S.M.Shivalkar, All Language HOD's.

3. Women Development Cell :

The Motto of the Women Development Cell is Educate, Enlighten and Empower.The Women's Development Cell (WDC) is a statutory body for the prevention of and action against sexual harassment of women. The main objective of WDC is to look into the grievances of teaching staff, non-teaching staff and students, especially in cases of gender discrimination. The formation of a college level Women Development Cell was made mandatory by the University of Mumbai after the Vishaka Judgment in the year 2001. In compliance with this mandate of the University, the Women Development Cell of College was established in the year 2005. From 2017, separate Internal Complaints Committee has been established for prevention of and action against sexual harassment of women at workplace. Now the main role of Women Development Cell is to promote general well-being of girl students and teaching and non teaching women staff of College. The WDC has won second prize of Rs. 50,000/- in "Jagar Janivancha" state level competition organized by Government of Maharashtra in 2012-13.

The cell is working with the following objectives.

- To promote general well-being of female students and teaching and non teaching women staff of College.
- To create awareness about health and hygiene among girl students.
- To create social awareness about the problems of women in general and gender discrimination in particular by means of programs like lectures, workshops and seminars.

programmes for their overall personality development as well as for the encouragement of self-reliance among them.

- To create legal awareness among women by informing about Women Welfare Laws.
- To encourage participation of NGOs working in the area of women's development in the activities of the Cell.
- To empower girl students and to make them self-reliant.

Contact for Membership: Dr.M.D.Mukadam (Convener), Ms.P.N.Jadhav, Ms.H.S.Patwardhan, Ms.U.E.Joshi, Ms.G.R.Patwardhan, Ms.R.A.Bhave, Ms.A.M.Devasthali, Dr.M.G.Khandake.

4. Sahyadri Mountaineering Club :

The preparatory aim of Sahyadri Mountaineering Club is to implant the spirit of adventure and to develop personality, character, courage and confidence among the students.This adventurous activity had been established in 2002 with the aim that enthusiastic students can visit some of the remote locations in Western Ghats of Maharashtra state i.e. Sahyadri Ranges, and also can learn to face the raw nature with little facilities.

This club had produced number of students who are currently working professionally in similar adventurous activities at State, National and International Levels. Mr. Girish Shirodkar, Mr.Dhiraj Patkar, Mr.Arvind Navele are some ideal examples.

The club tries to visit waterfalls, forts, peaks, caves as well as Sahyadri Ranges. Till the date, the club had organised various camps and treks like Muchkundi River Trek, Sudhagad Trek, Raigad Trek and similar activities have been planned for the upcoming academic year.

The following are the Objectives:

- To avail the experience of mountaineering to students
- To organize activities such as treks, hiking etc.
- To build nature-friendly character among the students.
- To aware about the conservation of environment.

The important activities includes Hiking, Camping, Adventurous Sports and Training, Nature Walks, Observations of Wild life, etc. The Out Comes are Improvement in Physical Fitness, Development of Leadership and Management Skills, Development of Personality, Creation of Environmental Awareness.

Contact for Membership: Dr.S.L.Bhattar(Convener), Mr.A.A.Surve,

Mr.S.S.Panchal, Mr. P.R.Shitut, Dr.M.G.Khandake, Mr.A.S.Sahastrabuddhe.

5. Astronomy Club :

The club is one of the best out-reach program of the College. The various programs of astronomy club are mainly involved in organization of Lectures and Workshops on Basic Astronomy for students and common citizens. Its Vision is to popularize astronomy among the public to reduce the pressure of superstitions. Following are the different Activities:

- Workshops on Basic Astronomy

- Lectures on use of "Panchang" for sky observation, coordinate systems, sky maps, telescope.

- Sky watching programs

- Popularization of Indian National Solar Calendar

- Calibration of astronomical events

Contact for Membership: Ms.N.N.Kelkar(Convener), Ms.A.A.Shirgaonkar, Mr.C.S.Gore.

6. Publication and Wallpapers :

This is the opportunity to uncover students to write in the periodicals like Sahakar, Madhyam and Aapan Saaryaajani. These periodicals contain poems, essays, articles, experiences, humour, cartoons, crosswords, questionnaires, interviews etc. Selected literature is initially presented in the form of Wallpapers and then included in the annual publication of the college 'Sahakar'.

Contact for Membership: Mr.S.N.Gopale(Convener), Mr.A.R.Rodge, Ms.M.G.Date, Ms.D.V. Wakankar, Ms.S.L.Ghaisas, Mr.S.S.Panchal.

7. Social Science Association :

It is internal association in the college for students and teachers of Social Sciences. It organises Guest Lectures, Field Visits and Group Discussions for students and teachers Contact for Membership: Mr. S.A.Ukarande (Convener), All Social Science HOD's

8. Debate and Elocution Club :

It is established in the year 2014-15. Its aim is to develop public speaking skills among the students. Following are the Objectives:

- To work for personality development of the students.

- To develop professional / vocational skills related to speaking (anchoring, news-reading, dubbing, casual announcing on Radio etc.)

· To develop among students the ability of critical thinking

·   To develop among students the ability of critical thinking

·   To organize Workshop in Anchoring

Contact for Membership: Mr.J.V.Abhyankar (Convener), Mr.N.A.Patil, Mr.K.I.Khandekar, Mr.M.S.Bhosale.

9. Marathi Vidnyan Parishad, Ratnagiri Chapter, Ratnagiri :

The Chapter was established in 1975. The Goals / Objectives/ Activities are as follows:

● To disseminate the knowledge of science through Marathi Language.

● To enrich the Marathi language so as explain to the students and people about scientific knowledge.

● To propagate importance of science in our day to day life

● To develop interest and progress in scientific knowledge and research among students

● To conduct workshops for students and teachers.

● To arrange scientific experimental demonstration at High schools and colleges.

● To organize science popularization lectures on current topics.

● To conduct essay competition, science fiction writing, etc for students

● To prepare and submit Vidnyan Sanshodhan projects.

● To Participate in Annual Adhivation.

● To conduct students training at Marathi Vidnyan Parishad, Central Unit Mumbai

● To organise National Science Day Programme.

Contact for Membership: Dr.U.B.Sankpal(Convener), Ms.S.V.Surve, Ms.S.A.Mohite, Ms.P.N.Baraskar.

STUDENTS FRIENDLY COMMITTEES :

1. Anti-Ragging & Discipline Committee

Prin.Dr.P.P.Kulkarni (Convener), Dr.M.R.Sakhalkar.VP(Adm), Dr.M.G.Gore, Mr.K.G.Dhandore, Mr.A.S.Yadav, Dr.Sonali S.Kadam, Dr.V.A.Shinde, Dr.B.B.Dhale.(Secretary), Dr.SeemaS.Kadam, Mr.R.P.Ketkar.(Registrar), Mr.U.A.Wakade, Girls Hostel Rector, Boys Hostel Rector .

2. College Grievance Redressal Cell

Prin.Dr.P.P.Kulkarni (Chairperson), Dr.M.R.Sakhalkar.(Member),   Dr.Y.K.Awote. (Member Secretary), Dr.S.C.Thakurdesai VP(Arts), Dr.A.M.Kulkarni VP(Science), Mr.R.P.Ketkar.(Registrar)

3. SC/ST Special Cell Committee :

Prin.Dr.P.P.Kulkarni (Convener), Dr.M.R.Sakhalkar.VP(Adm), Mr.R.P.Ketkar.(Registrar) Dr.S.D.Madhale, Mr.K.G.Dhandore.(Secretary), Mr.D.P.Karwanje, Dr.B.B.Dhale, Mr.D.S.Kamble.

4. OBC Cell :

Prin.Dr.P.P.Kulkarni (Convener), Dr.M.R.Sakhalkar. VP(Adm), Mr.R.P.Ketkar.(Registrar), Mr. A.S.Yadav.(Secretary), Mr. N.B.Suvare.

5. Internal Complaints Committee :

Dr.C.M.Goswami (Presiding Officer), Ms.B.P.Kalambate, Mr.V.V.Bhide, Dr.Sonali S.Kadam, Ms.J.J.Vichare, Dr.Swapnaja Mohite (Fisheries College, External Member), Student Representative.

FACILITIES AND SUPPORT SERVICES

1. Boys Hostel (O.P.Jindal Chhatravas)

- It is in the premises of college
- Intake Capacity 180 Students
- 2 Guest Rooms, Quarter for the Rector,
- Security Guard for 24 Hours
- A Specious Mess Hall
- Study Room
- First Aid Box
- Sports Facility
- UPS Backup, T.V.Room, Water Purifier, Water Cooler
- Contact to Rector Mr.Mangesh S. Bhosale Mobile: 9673760086

2. Girls Hostel (Smt.Parvatibai Shankar Kelkar)

- It is in the premises of college
- Intake Capacity 200 Students
- 2 Guest Rooms, A Separate Office Room, Quarter for the Rector
- Security Guard for 24 hours
- A Specious Mess Hall
- UPS Backup, T.V.Room, Water Purifier, Water Cooler
- Sports Facility
- T.V.Room
- Contact to Rector : (02352) 222276

- Membership is optional
  - Membership is open for student with payment of Rs.100 for share and Rs.10 entry fee
  - The amount of share Rs.100 returned to student at the time of leaving college
  - Journals,Stationery etc. Available
  - Contact to Mr.Vijay Kakatkar.(Secretary) Mr.V.M.Athalye, Mr.K.G.Dhandore (Convener), Mr.K.G.Jogalekar, Mr.S.L.Ghaisas.

4. Bank of Maharashtra R.P.Gogate College Branch Ratnagiri

- Fully computerised core banking Facility
- Student Scholarship Transaction
- Education Loan Facility

5. Career Counselling & Placement Cell

The institute has a separate student placement cell that organizes campus interviews regularly. Apart from this students are guided personally by the respective faculty, as every department and the faculty have personal rapport with students.

- Career Counselling
- Arrangement of Campus Interview
- Contact to Dr.R.G.Sawant.(Convener), Dr.S.L.Bhattar, Mr.S.A.Apte, Dr. R.A.Sartape.

6. Soft Skill Development & Language Laboratory

- Facility of ICT
- Soft Skills Course
- Audio Visual Facility
- Useful for Research in Languages and Media
- Contact to Mr.V.M.Athalye

7. Coastal Research Centre

- Konkan Coastal Belt Geographical Study and Research
- Availability of Required Technology
- Useful to students Pursuing M.A. and PhD in Geography
- Contact to Dr.S.C.Thakurdesai

8.   **Student Aid and Support**

- Scholarship to Student
- Student Aid Fund
- Earn and Learn Scheme
- Contact to Mr.D.P.Karwanje

9. Canteen

- 3 Canteens Viz. at College Main Building, Boys Hostel and Girls Hostel
- Quality Food
- Reasonable Rates
- Contact to Dr.V.V.Bhide

10. Alumni Association

The alumni of the college leading in almost all major professions and occupations play a vital role in overall development of the college by its financial and non financial contributions. Contact : The Principal, Gogate Jogalekar College Ratnagiri 415612 Phone **Office 7588264348** Dr. A. B. Ambekar(Convener), Mr.S.L.Ghaisas, Mr.M.B.Kamble, Mr.J.V.Abhyankar.

COLLEGE WORKING HOURS - Office: 10.15 A.M.to 5.45 P.M.

- Arts and Commerce (Undergraduate and Post-Graduate Programme)

    : 7.20 A.M. to 1.30 P.M.

- Science (Undergraduate and Post-Graduate Programme)

    : 10.50 A.M. to 5.00 P.M.

Class-wise Division-wise Timetable will be displayed in the notice board.

For Additional information required if any in respect of timetable please contact to Vice-Principal of the concern faculty.

IMPORTANT PHONE NUMBERS & CONTACT PERSONS

Name	Mobile No.	Email ID	Nature of Work
Dr.P.P.Kulkarni	9422432563	drprafullak@rediffmail.com	Principal
Dr.M.R.Sakhalkar	9423022649	makarand.sakhalkar@yahoo.com	Vice Principal Administration
Dr.Y.K.Aowte	9423290430	yasmeenmaam@gmail.com	Vice Principal Commerce Faculty
Dr.C.M.Goswami	9665330154	chitramgh@gmail.com	Vice Principal Arts Faculty
Dr.A.M.Kulkarni	9730032309	aparnamk.365@rediffmail.com	Vice Principal Science Faculty
Dr.V.V.Bhide	9421139296	vivekvbhidestar@gmail.com	Girls Hostel Rector
Mr.M.S.Bhosale	9673760086	mangeshbhosale.07@gmail.com	Boys Hostel Rector
Mr.R.P.Ketkar	9834646587	ravindraketkar36@gmail.com	Registrar
Mr.P.S.Gavankar	9420158080	bapugavankar@gmail.com	College Admission Procedure
Mr.N.S.Golapkar	9403507604	nsgolapkar@gmail.com	OBC Freeship & Scholarship
Mr.S.S.Dandekar	9421135544	dsanjay44@gmail.com	Accounts related work
Mr.M.N.Sardesai	9421233444	gjcrtn@gmail.com	Accounts related work
Ms.J.J.Vichare	9420809187	jjvichare@gmail.com	Cashier, NSP Portal Scholarship, Rajashri Shahu Maharaj Scholarship
Mr.R.V.Yadav	9867896190	yadavrv@gmail.com	SC/ST/NT/VJ/SBC/DT and P.G.Freeship & Scholarship, PG Migration Certificate, PG Transference Certificate, Caste Validity
Mr.O.M.Ponkshe	9404332969	ayumkar81@gmail.com	University of Mumbai Examination (Third Year UG)
Mr.R.R.Mulye	9421233749	gjcrtn@gmail.com	MCVC Department, Boys and Girls Hostel Fee Collection
Mr.S.S.Yadav	9657574617	yadavss1982@gmail.com	University of Mumbai Examination (PG), Bonafied Certificate, Attendance Certificate
Mr.N.S.Bharati	8007345467	bharatinb10@gmail.com	College Examination (First Year & Second Year UG)
Mr.V.V.Bharankar	9923063379	vikrambharankar@gmail.com	School Leaving Certificate UG Migration Certificate, UG Transference Certificate OBC Scholarship
Ms.P.P.Mane	8087692678	poojapmane1996@gmail.com	S.T. Pass form
Mr.A.P.Sawant	8308742226	architsawant@gmail.com	University of Mumbai Examination (PG) PTC, SSTC, Ex-Servicmen Schlorship (Jr Coll)
Mr. R.R.Salpe	7378949369	salperohit14@gmail.com	Eligibility Cases, Private Candidate

LATE BABURAO JOSHI LIBRARY
(ISO 9001: 2015 LIBRARY)

The college library was established in the year 1945. The name of library is given after the name of our founder member Late Baburao alias Janardan Vaman Joshi. The college library, which is a source of knowledge, is an integral and important part of our institute of higher learning. The library aims to stock all the books and periodicals which the students and faculties are required to read and grow through literature power.

Library has generated electronic database of 1,18,827 books, manuscripts, rare books, e-books, e-journals, talking books, audio-visual material, thesis, daily newspapers, periodicals using state of the arts library software developed by INFLIBNET called SOUL 3.0. Invasion of new technologies in the library and the routine library or traditional library services are geared with speed. Formal training has been given to the library staff to carry out daily functions.

Library provides, Online Public Access Catalogue (online OPAC link) http://192.168.1.122/Webopac/default.aspx allows students and teachers to find any book of his/her interest. Library has separate section for PG scholar students and teachers and free Wi-Fi internet zone for all users. This is an open access and reputed academic library in Kokan Region.

Aims of Library:
- To provide curriculum books and to promote educational, research, cultural, recreational and informational requirements of students, teachers, researchers and general users.
- To promote reading habits among students.
- To promote effective use of library, user education / orientation of students.
- Collection and organization of relevant documents recorded in various print and non print media.
- To provide full information support to the teaching-learning process in the college

Functions of the Library:
- To support the objectives of the college.
- Book / Periodical issue facility (home lending) for the students.
- Book / Periodical issue facility (home lending) for the teachers.
- Book issue facility (home lending) for the external readers.
- Book / Periodical issue facility different departments.
- Study room book issue facility.

Timing Book Issue:
- Books issuing for students- 07.30 am. To 05.45 pm.

Timing Reading Hall:
- Regular Study room-reading hall-   : 07.30 am. to 05.45 pm.
- During Examination (October & March)   : 07.30 am. to 09.00 pm.
- Sunday and Holiday (During Exam.)- : 08.00 am. to 02.00 pm

Statistics of Library Collection:
- Total No. Of Books 1,18,827
  Reference Books 71,297 Text Books 47,530
  - Printed Journals (Popular & Academic)141
  - E-Journals (Inflibnet & N-List Database)11,000+
  - E-Books (Inflibnet &N-List Database) 1,99,500+
  - E-Thesis & Dissertations (Inflibnet &N-List Database) 1,00,000+
  - Manuscripts 78
  - Rare Books 81
  - Daily News Papers 21
  - Audio-Visual Material Including Talking Books (Cd/Dvds) 810
  - Thesis & Dissertations62
  - E Thesis (Database) 1,30,753

Library Services / Social Schemes for Users:
- Open access library facility for all stakeholders.
- Book bank scheme for SC/ST/NT/SBC students
- General book bank scheme (20% amount pay) for all students
- 'Earn and learn' scheme for students
- Separate reading section for PG/Scholar students and teachers
- News paper clipping compilation 1995 onwards
- Provision of departmental libraries for faculty and students
- University examination question papers compilation facility
- Overnight book lending facility for all students
- 'Reader's club' for students
- Frequent book exhibitions
- Audio-visual material lending facility
- Inter library loan facility
- External students/ visitors library facility
- Online feedback facility
- Dr. APJ Abdul Kalam Vachan Katta

Library Readers' Club:

The objective of the 'readers club' is to improve reading culture, get exposure to books, communication skill and general awareness among the college students.

- Additional books and periodicals for further reading
- Special talk by experts
- Book talk and quiz programme
- Participant Certificate
- Best reader award.

Healthy Library Practices:
- Regular library staff meetings, discussions, action plan and instructions regarding new techniques, schemes in the library to follow.
- News paper clipping of college news
- External student library facility
- Frequently Book Exhibitions
- Back volumes of journals.

I.C.T. Based Library Services:

- Web based OPAC and SOUL 3.0 library management software
- Bar coding of all books and readers identity-library automation
- Internet resource centre (free Wi-Fi zone) for all students
- Photostat/ Reprographic services
- Digitization process unit
- ILOSC online forum/ blog membership
- ISO 9004:2015 library.

Security Measures & Environment Consciousness:

- First aid room.
- CCTV Cameras for security measures
- Fire extinguisher for safety measures
- Purified and hygienic drinking water
- Library uses solar power energy.

Library Contact:
- Email : baburaojoshilib@gmail.com
- website : http://resgjcrtn.com/library/
- Mobile: 7767809192 (WhatsApp)

FEE CHART 2023-2024 (in Rupees)

CLASS	PAYING	SC/ST/NT/D T/ VJ/SBC/OBC	EBC/PTC/SST C/ Ex-Servicemen
F.Y.B.A. / F.Y.B.Com.	7301	4695	6456
S.Y.B.A. / S.Y.B.Com.	6656	4270	5811
T.Y.B.A. / T.Y.B.Com.	6806	4520	5961
M.A. Part I (Marathi, English, Economics)	10600	6289	NA
M.A. Part II (Marathi, English, Economics)	11400	6114	NA
M.A. Part I (Hindi, Sanskrit, History, Sociology)	12600	6289	NA
M.A. Part II (Hindi, Sanskrit, History, Sociology)	13400	6114	NA
F.Y.B.M.S.	19401	**5595***	NA
S.Y.B.M.S.	18356	**4770***	NA
T.Y.B.M.S.	19106	**5020***	NA
F.Y.B.Com.(Accounting & Finance)	19701	5595	NA
S.Y.B.Com.(Accounting & Finance)	18656	4770	NA
T.Y.B.Com. .(Accounting & Finance)	19406	5020	NA
M.Com. Part I	16420	5809	NA
M.Com. Part II	17420	5634	NA
F.Y.B.Sc.	8501	5095	7531
S.Y.B.Sc.	7456	4270	6486
T.Y.B.Sc.	7606	4520	6636
F.Y.B.Sc. (Microbiology, Biochemistry)	17201	5095	NA
S.Y.B.Sc. (Microbiology, Biochemistry)	18356	4270	NA
T.Y.B.Sc. (Microbiology, Biochemistry)	19006	5020	NA
F.Y.B.Sc.(Computer Science)	30141	**5045***	NA
S.Y.B.Sc.(Computer Science)	31156	**4270***	NA
T.Y.B.Sc.(Computer Science)	33406	**4520***	NA

F.Y.B.Sc.(Biotechnology)	30141	4285	NA
S.Y.B.Sc.(Biotechnology)	31146	4260	NA
T.Y.B.Sc.(Biotechnology)	33396	4510	NA
F.Y.B.Sc. (Information Technology)	25801	**5095***	NA
S.Y.B.Sc. (Information Technology)	25256	**4270***	NA
T.Y.B.Sc. (Information Technology)	27406	**4520***	NA
M.Sc. Part I (Physics, Mathematics)	30000	6189	NA
M.Sc. Part II (Physics, Mathematics)	30400	5614	NA
M.Sc. Part I (Chemistry, Microbiology)	40000	6189	NA
M.Sc. Part II (Chemistry, Microbiology)	40400	5614	NA
M.Sc. Part I (Biotechnology)	45000	6189	NA
M.Sc. Part II (Biotechnology)	45400	5614	NA
M.Sc. Part I (Computer Science)	39500	**6189***	NA
M.Sc. Part II (Computer Science)	39900	**5614***	NA
PhD Arts First Year (Marathi, Hindi)	19675	NA	NA
PhD Arts Every Subsequent Year (Marathi, Hindi)	15655	NA	NA
PhD Commerce First Year (Accountancy, Business Economics)	19675	NA	NA
PhD Commerce Every Subsequent Year Accountancy, Business Economics)	15655	NA	NA
PhD Science First Year (Physics, Chemistry, Zoology)	31675	NA	NA
PhD Science Every Subsequent Year(Physics, Chemistry, Zoology)	27655	NA	NA

Note:
1. The Fee Structure is likely to be revised by University of Mumbai.
2. ✳ Indicates Fees for SC and ST Category Only. No Concession available for other categories.
3. Additional Fees for TYBA Sanskrit 6 Unit Rs. 5000.
4. Additional Fess for TYBA Psychology 6 Unit Rs. 5000.
5. Additional Fees for Rural Development Practical Examination Fees for FYBA Rs.200; SYBA Rs.300 and TYBA Rs.400.
6. Above fees includes Institution Development Fees Rs. 1000.