



RUIA COLLEGE

Explore • Experience • Excel

Shikshana Prasarak Mandali's

RAMNARAIN RUIA AUTONOMOUS COLLEGE

L.N. Road, Matunga, Mumbai - 400 019.

Tel.: +91 22 2414 3098

www.ruiacollege.edu

PROSPECTUS 2019-20



RUIA COLLEGE

Explore • Experience • Excel

- Grant from RUSA- Component 8: Challenge level funding for enhancing Quality and Excellence- 2018
- Re-accredited (4th Cycle 2017) with 'A+' grade by NAAC (3.70 CGPA)
- Conferment of Fresh Autonomous Status - 2017
- 'Star College Status' by DBT, Govt. of India - 2016
- 'DDU KAUSHAL Kendra' by UGC, Govt. of India - 2015
- 'College of Excellence' by UGC, Govt. of India - 2014



VISION, MISSION & GOALS

Vision

To emerge as a center for excellence in higher learning and innovative research to meet the challenges of global society.

Mission

Mainstreaming the practices that facilitate intellectual, emotional, cultural and physical growth of students.

Objectives and Goals

- To provide high quality, affordable and inclusive education to all sections of society including various disadvantaged groups
- To foster global competence and support career building of students through various courses, workshops, seminars, events, competitions and industrial visits
- To organise various academic research and capacity building activities
- To encourage participation of faculty in workshops, conferences and seminars
- To motivate the students to excel in co-curricular and extra-curricular activities and encourage excellence in sports
- To make the students aware of the various conventional and non-conventional career opportunities and professions
- To educate and create awareness about social responsibility, citizenship values and environmental awareness
- To introduce skill based programmes to meet the employability needs of the students



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S. P. Mandali, Pune

Chairman, Managing Council
S. K. JAIN

Vice-Chairman, Managing Council
S. R. CHITALE

Secretary
RADHIKA INAMDAR

Principal
ANUSHREE LOKUR

Vice-Principals (Senior College)
SUCHETA KETKAR
MANISH HATE

Deans
SUJATA SUVARNAPATKI (Dean, Academics)
SUNITA SHAILAJAN (Research, Consultancy & Innovations)

Registrar I/C
SUDARSHAN AGRE

Ruia Cell for Gender Sensitization & Equality
LEENA KEDARE

Ruia Student Council
PRADEEP WAGHMARE

Coordinator, Examination & Evaluation
SUNIL SHANKHADARWAR

Internal Quality Assurance Cell
JESSY PIUS

Ruia Internal Complaints Committee
BHAVNA NARULA

Ruia Anti-ragging Committee
MANISH HATE



Ramnarain Ruia Autonomous College

The Ramnarain Ruia College was established in June 1937 by the Shikshana Prasarak Mandali, Pune. It was the first educational institution in Mumbai run by a private management educational body. The college was declared open formally by H.E. Sir Roger Lumley, the then Governor of Bombay, on 3rd December 1937. A large amount of the credit of the establishment of this institution goes to Mataji Suvratadevi Ruia and her illustrious son, Seth Ramnivas Ramnarain Ruia, who extended a handsome donation of Rs.2,00,000 from the Ramnarain Harnandrai Charitable Trust. In recognition of this gesture, the S. P. Mandali named the institution - RAMNARAIN RUIA COLLEGE. Ramnarain Ruia College of Arts & Science is a premier educational institution in the country which has been contributing to human progress by moulding brilliant, creative, committed and caring students who are making their alma mater proud in various walks of life in different corners of the world.

Ruia College became **Autonomous** from the academic year 2017-18. Also, **in the academic year 2017-18, National Assessment and Accreditation Council (NAAC) awarded Ruia 'A+' GRADE with CGPA 3.70.** Our **Autonomous status** has brought us greater freedom to design innovative, skill-based courses (including Life-skills), following our Logo, 'Explore – Experience – Excel', which sums up our quest for excellence. Ruia's identity is its research culture, which we now aim to take it to a higher level. We believe in promoting first-hand, experiential wisdom rather than second-hand information gathered from books, the internet, etc.

S.P.M. and Ruia College

Shikshana Prasarak Mandal, Pune is one of the premier educational societies in the state of Maharashtra. Established by four visionary school teachers in 1888, S. P. Mandal has made a remarkable contribution in providing quality education in the fields of primary, secondary as well as higher education. With a vision of 'Education for All', the Mandal has consciously reached out to different parts of the State from Pune, Mumbai, Solapur, Chiplun, Nagthane and now, even out of Maharashtra to Bangalore with its educational mission. The Mandal has sixty three educational institutions under its umbrella. Like other institutions under S P Mandal, the administration of the Ramnarain Ruia College is the responsibility of teacher administrators who are directly accountable to the Administrative Board, which is the executive authority of the parent body.

Since 1937, this home to learning has offered its students excellent infrastructural facilities along with a competent and dedicated faculty which strives for the overall development of every student.

Ruia College proudly celebrated its Platinum Jubilee (2012-13) in the august presence of Her Excellency Smt. Pratibha Devisingh Patil, the then President of India. The College enjoys the reputation of being one of the finest institutions of higher learning in the country. Its outstanding performance in the field of curricular and co-curricular activities has considerably enhanced its prestige. In the last seventy nine years Ruia has crossed several milestones and produced a galaxy of illustrious alumni such as Dr. K. Kasturirangan (former Chairman, ISRO & Director, NIES) Dr. Manohar Joshi (former Speaker, Lok Sabha), Lord Meghnad Desai (Economist), Shri. Ajit Wadekar (former captain, Indian cricket Team), Dr. Narendra Jadhav (Member, Planning Commission), Smt. Medha Patkar (Social Worker & Activist), to name just a few.

Ramnivas Ruia Junior College

Following the introduction of the ten-plus-two-plus-three pattern of education, it was considered advisable to establish a separate unit in the college to house the plus- two setup. (The decision to establish a separate unit was prompted by certain significant academic, educational and administrative considerations.) With the financial assistance by the House of Ruia the new junior college was set up and named: Ramnivas Ruia Junior College of Arts and Science.



Faculty of Arts

The Faculty of Arts of the college comprises 12 full-fledged departments (Commerce, Economics, English, French, Hindi, History, Marathi, Mass Media, Philosophy, Political Science, Psychology and Sanskrit). The faculty has succeeded in giving the college a lively intellectual and academic atmosphere, in which progressive ideas can thrive.

Faculty of Science

The Faculty of Science comprises of 14 full-fledged departments (Bioanalytical Science, Biochemistry, Biotechnology, Botany, Chemistry, Computer Science, Herbal Science, Information Technology, Life Science, Mathematics, Microbiology, Physics, Statistics and Zoology). The College has a long tradition of research. The activities of the departments encourage and foster a research culture amongst the students. The linkages and collaborations developed, by the departments, with various organizations help in training students in various fields and also provide an appreciable value addition to the academic programmes. Some of the most distinguished research scholars and scientists have been members of these departments.



Inauguration of Microbes-Annual Biodiversity Fest



Winners of Avishkar with Vice Chancellor



Lecture by Dr. Mamta Naidu TUFTS School of Medicine, Boston

Deen Dayal Upadhyay KAUSHAL Kendra

As part of its effort to meet the increasing demand for skilled hands, the UGC has decided to set up 100 KAUSHAL centres across the country in government institutions and universities under the 12th Plan Scheme. Ramnarain Ruia college is the only college under the Mumbai University to be granted permission by UGC to start a KAUSHAL (Deen Dayal Upadhyay Centres for knowledge Acquisition and Upgradation of Skilled Human Abilities and Livelihood) centre in August 2015. This innovative scheme provides skill-based, job-oriented degree under the title "BVoc" (Bachelor of Vocation). The college will be running two courses under this centre, namely BVoc and MVoc in Green House Management, BVoc and MVoc in Pharma Analytical Sciences in addition to this BVoc in Tourism and Travel Management is available as a permanently non-grant basis course. Instead of class room centered formal education, the students under the Kaushal Kendra learn through hands on experience and internships in industry.

DISTINCTIVE FEATURES

Innovative Programme:

Ruia College is the first College in the country to design and start a course in MSc Bioanalytical Sciences. It is an interdisciplinary course and is in great demand with industries and research laboratories. Five-year integrated MSc in Bioanalytical Sciences has also been started.

Centre for Slum Studies (CSS):

Centre for Slum Studies was established in the year 2002- 2003 in an attempt to sensitize the students to basic issues of social inequity. It has introduced courses for betterment of slum life. The centre conducts academic research and major projects in poverty and slums in urban areas.

The Marathi Medium Unit:

The Marathi Medium unit is a distinct feature of the college. This unit was started in the year 1971 to cater to the regional needs. The response from the students was highly encouraging. Purely academic considerations give us the confidence to state that the step that we have taken is destined to be highly conducive to the health of University education in Mumbai.

Dr. P. S. Ramanathan Advanced Instrumentation Centre:

It was established in the year 2011 and is equipped with sophisticated analytical instruments. It provides hands- on training to students and staff and supports research activities.

Language Laboratory:

College has established a Language laboratory in the academic year 2014-15 for enhanced language communication under the College of Excellence Programme. The laboratory focuses on providing special emphasis on the teaching of and practicing phonetics, correct pronunciation, diction especially in French, English and Sanskrit. Ruia College is one of the few remaining centers offering French and Sanskrit as a full degree Course. The Language laboratory has a server with 30 computers and is equipped with a Software for French and English.

Foreign Language Center:

It offers various courses in Spanish, Japanese, German, and Chinese to prepare our students for global demands.

The Students' Mutual Aid Fund (SMAF):

With a view to help deserving students of the college who were in need of financial assistance, the Students' Mutual Aid Fund was started in 1948. It has regularly extended benefits to economically disadvantaged students. The college has initiated the 'Each One, Adopt One' scheme wherein the needy students are given scholarships through a generous donation by our alumni and well wishers.

Alumni Association:

Established in 1963, the RCAA enables the past students of the College to associate themselves closely with the activities of their alma mater. Its annual activities include felicitating current students for academic and sports achievements, annual medical camp and the flagship event "Jewel of Ruia and Rising Star" awards function given to outstanding alumni. It organizes several fund raising programmes to support the College in its developmental activities. Email: ruiacollegealumni@gmail.com

Parent- Teacher Association (PTA):

This association facilitates parental participation in the College. The PTA meets from time to time and discusses and obtains constructive and creative feedback on academic and co-curricular programmes of the College.

Ruia Sports Academy:

The Ruia College Gymkhana has nurtured stalwarts in sports. The Gymkhana is fully equipped with a badminton court, boxing ring, highly sophisticated exercising equipments and a shooting range of international standard. The College has established Ruia Sports Academy to train young children in various sports. It aims at tapping young sports talent and trains them through available sophisticated sports facilities.

National Service Scheme (NSS):

The objective of the NSS is "To develop the personality of the students through community service". The NSS unit has been functioning with full vigour and enthusiasm and develops in the student a sense of responsibility, tolerance and co-operation. It enables the students to understand the community and identify its needs.

National Cadet Corps (NCC):

Our NCC students have always been selected as best cadets at the state and national level. This gives them the coveted opportunity to participate in the Republic Day Parade at Rajpath. Our cadets have been selected to participate in the Inter country Youth Exchange Programme.

Counselling Cell:

The Counselling Cell of the college works under the Centre for Mindfulness and Well-being. The Centre offers personal counselling by trained and qualified psychologists from the Department of Psychology. The different social, emotional and behavioural problems of the students are handled systematically through use of appropriate psycho-diagnostic measures, if necessary. It promotes the psychological, educational, and social well-being of the student. The cell also provides vocational guidance to the students.

The Centre for Mindfulness and Well-being also helps students to manage their negative emotions and inculcate in them the spirit of tolerance, cooperation, empathy and positivity. The Centre develops the learners' emotion management skills and improves their interpersonal and intrapersonal relationships emphasizing Indian Knowledge Systems such as Yoga and Meditation. The Mindfulness-based stress reduction programs of this Centre help to enhance the learner's hardiness and coherence, resulting in an overall feeling of stability and wellness.

Ruia Students' Council:

Ruia Students' Council, a representative student body was constituted in the year 1969. It has been highly successful in encouraging student participation in a variety of co-curricular and extra-curricular activities.

Ruia Global Partnership Cell:

Ruia College has entered into a 'Higher Education Academic Partnership' with the Commonwealth of Pennsylvania by signing a Memorandum of Understanding (MoU) with the Commonwealth of Pennsylvania in 2014. The MoU includes exchange programs for Teachers as well as Students and will also offer us an opportunity to have tie ups for Projects, Research, Teaching etc.

The College has also signed an exclusive MoU with West Chester University, PA, USA. Under the Ruia Global Partnership cell, the College regularly collaborates with Indiana University of Pennsylvania, USA for Short Term Summer Programs.

Associations:

The college runs many associations/cells/centres to enable the students to participate in a variety of co-curricular and extra-curricular activities and tap their potential to the maximum.

Auditorium:

Ruia has an excellent Air conditioned auditorium that has a capacity of 400 students.

Library and Reading Halls:

With one of the largest and richest collection in the academic arena, Ruia Library aims to fulfil the information needs of Ruia College. The main collection constituting books is more than 1.25 lac. Along with books, the library also has 6000+ bound volumes of back-issues of noteworthy periodicals, non-print material like CDs & DVDs and subscription to more than 100 national and international journals. The Library collection is completely computerized and all bibliographic details of books, journals are accessible to the students through the Online Public Access Catalogue (OPAC). Ruia Library possesses Institutional Membership of Asiatic Library, American Library and British Council Library. It is also registered as the member of INFLIBNET 'N-LIST' project under which the Library provides to all students free access to more than 80000 e-resources including variety of e-journals & e-books.

Reference Section:

The Library houses a separate Reference section which houses nearly 3000 specialized reference collection including general resources as well as subject-specific resources. A free & open access to all its collection is provided to every student.

Reading Halls:

The Library has a beautifully renovated reading hall. The Reading Hall has a capacity to accommodate 300 students and has the latest syllabi, question-papers as well as around 5000 books which are regularly in-demand by students.

E-Learning Center:

To facilitate teaching-learning process, the Library provides free access to internet in its 'E-Learning' Center to check various educational websites. It is an air-conditioned room containing 30 computers with wireless internet connection.

Ruia Cell for Students with special Needs:

A highly praise-worthy component of Ruia's many student welfare activities is the Self-Vision Center that was set in 1995 to offer the best available facilities to its many visually challenged students, who, year after year, have given an excellent account of themselves in their pursuit of excellence in the academic field. Today, Ruia has about 60 visually challenged students who have easy access to advanced study facilities that help to enhance the quality of their performance. Under the 'Higher Education Scheme for Persons with Special Needs', Ruia has restructured and renovated the Self-Vision Center. The Self-Vision Centre naturally promises to bring a lot more enlightenment into the lives of those who will be empowered to live life on their own terms after they have stepped into the portals of Ramnarain Ruia College. The Self-Vision Centre celebrates the Louis Braille Day.

Ruia Centre for Innovation, Incubation and Entrepreneurship:

Ruia College with its legacy for nurturing research has produced several researchers and innovators, some with global recognition. Many of its faculty members are established researchers too. In the recent times with the emphasis on intellectual property and its commercial significance, the College has taken initiatives to encourage out-of-the box thinking amongst the students so as to nurture innovative ideas. Under this centre the College conducts Training and awareness programs in Entrepreneurship, lectures and workshops on soft skill development, innovators camps etc. and also helps interfacing and networking between academic, R & D institutions, industries and financial institutions and professional resources like mentors, trainers etc.

Career Guidance and Placement Cell:

The Career Guidance and Placement Cell facilitates to identify and foster students' employment opportunities and works towards the placement of our students in industries and other organizations, by arranging on-campus interviews. The cell also conducts career development seminars, workshops and training of the students for interviews. College has tie-up with companies like L& T, Wipro Company, The Times of India, J. P. Morgan Chase & Co., Tommy Hilfiger, Rubicon India Pvt. Ltd. and Reliance GIO.

Star College Scheme:

Star College Scheme is a unique programme sponsored by DBT to improve the quality of science education at undergraduate level by emphasizing enquiry based learning and nurturing the aptitude for research. The College was selected under the scheme of the Department of Biotechnology, Government of India in the year 2011. Under the scheme, undergraduate students are encouraged to take special programmes in specific areas of science by giving special importance to hands-on experience of sophisticated instruments and learning advanced techniques in scientific experimentation. These special teaching-learning programmes enable the teachers to explore areas outside the prescribed syllabus and to implement novel and interesting experiments in teaching the regular Science curriculum.

One of the hallmarks of the programme is the interdisciplinary nature of several experiments conducted, where there are no virtual boundaries between chemical, biological and physical sciences. Several students who undertook the Star College programme presented their research work at inter-collegiate seminars and even won prizes at these events. Some of the projects completed under this scheme culminated in the form of publications in national journals.

Ramnarain Ruia College has been awarded the 'STAR COLLEGE' status for its successful implementation of the programme and is the first College in the state to receive this honor. It is also the first college affiliated to University of Mumbai with this distinction. The College has already made elaborate plans to augment the Star College programme. In addition to acquiring new sophisticated equipments, the College has plans to multiply several of its facilities to increase the number of beneficiaries in terms of more students participating in this scheme.

The Star College scheme has been granted to six more Science Departments viz Statistics, Mathematics, Computer Science, Bioanalytical Sciences, Biochemistry & Biotechnology. Under this the departments have plans to introduce hands on learning by acquiring additional equipments for the use of students.

Programme Offered:

BA/BMM/BSc/BVoc/MSc by Papers/MSc by Research/PhD

Reservation# of Seats for Degree College:

Admission to various courses/Undergraduate and Postgraduate courses is strictly on the basis of merit. The percentage of reservation prescribed by the Government of Maharashtra for admission to various courses is given below:

SR. NO	CATEGORY	% of TOTAL
1	Scheduled Castes (SC)	13%
2	Scheduled Tribes (ST)	7%
3	VimuktaJati (VJ) /De Notified Tribes (DT) NT (A)	3%
4	Nomadic Tribes NT(B)	2.5%
5	Nomadic Tribes NT(C)	3.5%
6	Nomadic Tribes NT(D)	2%
7	Other Backward Classes (OBC)	19%
8	Special Backward Classes (SBC)	2%
9	Socially and Educationally Backward Classes (SEBC)	16%
10	a) 10% Economically Weaker Section (EWS) reservation will be available for general category b) 30% reservation for Women as per circular No.Aff/recog/322 of 2000 dated 07-09-2000 c) 3% Physically Handicapped as per University circular No. Special Cell 2/2008 dated 25-01-2008 d) 3% seats for categories (as per circular No.221 06-06-1998) i. Transferred Central/State Officer's ward ii. Wards of defense personnel-servicemen/ ex- servicemen. iii. National/State level merit holders in the field of Sports and Cultural Programme iv. Women who are widowed /Separated. v. Freedom Fighter's son/grand son/daughter	

Subject to change as per the notification of the Government.

*Horizontal reservation will be observed for the following:

- a) Woman :As per circular No.Aff./Recog./322 of 2000 dated 7.9.2000
- b) Physically Handicapped : As per circular No.Special Cell/2/2008 dated 25.1.2008
- c) 'Other' Category'

Note:

- 1) The candidates claiming the benefit of reservation under reserved categories, should produce a caste certificate notified for the Maharashtra State and should produce a caste certificate from appropriate authority as prescribed by the Govt. of Maharashtra.
- 2) The candidates claiming fee concession should produce Annual income certificate /Non-creamy Layer Certificate wherever applicable.

GENERAL RULES

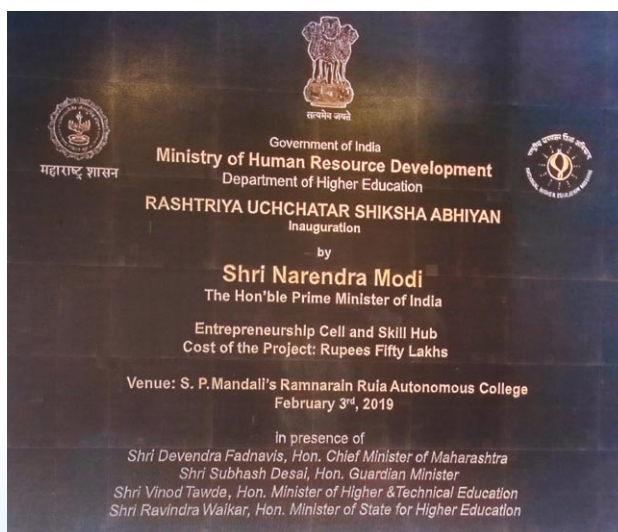
- Attendance: The students should have a minimum of 75% attendance to be eligible to appear for the internal as well as semester end exams.
- Mobile usage in college premises is prohibited.
- Every student should wear his/her identity card within the college premises. It is obligatory for students to return their identity cards to the college office when they cease to be students of the college.
- Rules regarding examination and promotions are given to the students after admission.
- **Unfair Means:** The use of unfair means by students at any examination will invite severe punitive and disciplinary action under the rules and regulations now in force.

- **RAGGING IS BANNED** as per the Supreme Court Ruling (Civil Appeal No. 887 of 2009) and Mumbai University Circular (No. CONCOL/ 286, dated 23rd July 2009)
- Ragging would be met with exemplary punishment.
- Any student found guilty of ragging would be expelled from the College.
- Any student found guilty of ragging earlier would not be admitted.
- Anti ragging squad is formed by the college.

Tel. Number: 24143119 / 24143098 / 24142480

Internal Complaint's Committee (ICC): In accordance with the 'Sexual Harassment of women at workplace (Prevention, Prohibition and Redressal) Act', 2013 and in partial modification of Office Order No.449 dated 5.8.2016, the College has set up the Ruia ICC, in order to deal with the complaints related to sexual harassment at workplace. The College has a policy of zero tolerance to sexual harassment. The Committee ensures the successful and effective implementation of the process of preventing sexual harassment at workplace, and addresses the grievances related to sexual harassment in a time bound manner.

Tel. Number: 9821148946 / 9869785118 / 9323390259



Digital Launch of RUSA

ELIGIBILITY

Senior College:

Students coming from the other states or those who have taken examinations other than those conducted by the Maharashtra State Board of Secondary and Higher Secondary Education and the University of Mumbai have to produce the following:

1. **Provisional eligibility certificate** from the University of Mumbai
2. **School leaving certificate** or the college leaving certificate of the institution attended earlier or a transfer certificate. (Students are required to note that by the end of September, migration certificate, passing certificate and marksheets of students have to be sent to the University for the completion of their enrolment as students of the University of Mumbai.

Students are requested to take special care to ensure that they fulfil these requirements within the prescribed time limit.)

3. **Caste Certificate**, wherever applicable.

Junior College:

1. Students coming from other states or those who have taken examinations other than that of the Maharashtra State board have to fill in the prescribed Provisional Eligibility Certificate form obtained from the HSC Board.
2. **Mark sheet**
3. **Leaving Certificate** from the institution last attended
4. **Migration Certificate** (originals and attested xerox copies)
5. **A declaration** - the draft of which is available from the college office- on stamp paper of the value of Rs. 20/-
6. **Passing Certificate**



Team i GeM felicitated by Chief Minister

Fees:

- Fee structure is available on college website www.ruiacollege.edu
- Students shall pay their fees online after the verification of documents.
- Students will pay their examination fees on dates fixed by the HSC Board.
- Students belonging to the EBC Group are given a concession in fees if they produce a letter from their guardian, duly endorsed by a Tehsildar, stating that his income is below Rs. 30,000 per annum.

Refund of Fees:

According to the rules of University of Mumbai as given below:

Fee deduction on cancellation of admission

Sr. No.	Period	Deduction Charges
1.	Prior to commencement of academic term and instruction of course	Rs. 500/- lump sum
2.	Upto 20 days after the commencement of academic term of the course	20% of the total amount of fees.
3.	From 21 st day upto 50 days after commencement of the academic term of the course	30% of the total amount of fees
4.	From 51 st day upto 80 days after commencement of the academic term of the course or August 31 st whichever is earlier.	50% of the total amount of fees
5.	From September 1 st to September 30 th	60% of the total amount of fees
6.	After September 30 th	100% of the total amount of fees

NOTE:-

- 1) 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-charges, disaster management fund, exam fee and enrolment fee) are non-refundable if payment is made by the college prior to the date of cancellation.
- 2) Fee collected for Identity card and Library card, admission form and prospectus, enrolment and any other course specific fee are not refundable after the commencement of the academic term.
- 3) All refundable deposits (Laboratory, Caution Money and Library etc.) shall be fully returned at the time of cancellation.
- 4) At the time of cancellation of admission, kindly bring a blank cancelled cheque for refund of fees by RTGS/NEFT purpose.

Subjects offered at Junior College

Arts:

English Medium	Marathi Medium
1. English	1. English
2. Marathi or Hindi or French or Sanskrit	2. Marathi
3. Economics	3. Hindi or Sanskrit
4. Political Science	4. Economics
5. History or Psychology	5. Political Science
6. Logic or Sociology or Mathematics	6. History
7. Environmental Studies	7. Environmental Studies
8. Health and Physical Education	8. Health and Physical Education

Science:

1. English
2. Marathi or Hindi or French or Sanskrit
3. Physics
4. Chemistry
5. Mathematics
6. Biology or Electronics* or Computer Science*
7. Environmental Studies
8. Health and Physical Education

(*To be allotted after general admissions through a separate procedure.)

Undergraduate Programmes

The College has implemented the 'Choice Based Credit & Grading System' as part of its Autonomous status. Three Year integrated Degree programmes offered are:

- BA
- BSc
- BMM
- BVoc

ARTS

The College offers a wide range of options at the undergraduate level. The combinations are offered according to requisite number of students in a subject. The Arts faculty comprises 11 departments as under:

Aided

1. Commerce (3 units)
2. Economics
3. English
4. French
5. Hindi
6. History
7. Philosophy
8. Political Science
9. Marathi
10. Sanskrit
11. Psychology (up to SYBA)

Permanently Non-grant basis

12. BMM (English & Marathi Medium)

13. Psychology (only at TYBA)

Year	Semester	Course and credits								Total Credits
		Compulsory English credits	Compulsory Language credits	Core 1 credits	Core 2 credits	Core 3 credits	Elective credits	FC credits	Applied component credits	
FY	I	2	2	3	3	3		2	-	15
	II	2	2	3	3	3		2	-	15
SY	III	-	-	2x3=6	2x3=6	2x3=6		2	2	22
	IV	-	-	2x3=6	2x3=6	2x3=6		2	2	22
TY	V			4x4=16			2x3.5=7		-	23
	VI			4x4=16			2x3.5=7		-	23
Total		4	4	50	18	18	14	8	4	120

Details of Courses

First Year BA (FYBA):

1. Foundation Course
2. Compulsory English (Communication Skills),
3. One compulsory language from French / Hindi / Marathi/ Sanskrit
4. Any one of the following combinations for core courses
 - i. Economics, Politics, History
 - ii. Politics, History, One Optional language from English / French / Hindi / Marathi / Sanskrit
 - iii. Politics, Psychology, One Optional language from English / French / Hindi / Marathi / Sanskrit
 - iv. Politics, Two Optional languages from English / French / Hindi / Marathi / Sanskrit
 - v. History, Two Optional languages from English / French / Hindi / Marathi / Sanskrit
 - vi. Psychology, Optional Marathi, Optional Sanskrit
 - vii. Economics, Commerce, Psychology
 - viii. Economics, Commerce, History
 - ix. Economics, Commerce, One Optional language from English / French / Hindi / Marathi / Sanskrit
 - x. Economics, Mathematics, Statistics
 - xi. Economics, Commerce, Statistics
 - xii. Philosophy, Politics, History,
 - xiii. Philosophy, Psychology, Politics
 - xiv. Philosophy, Psychology, One Optional language from English / French / Hindi / Marathi / Sanskrit
 - xv. Philosophy, Optional English, Optional French

Second Year BA (SYBA):

Compulsory Course:

1. Foundation Course.
2. Two courses in each of the core subjects offered at FY.
3. Applied Component any one of the following – Investment Analysis, Journalism, Mass Communication and Gandhism.

Third Year BA (TYBA):

- Entire – Six courses in any one of the core subjects offered at SYBA of which 2 courses will be elective.
- Double Major – Three courses each in any two of the core papers offered at SYBA of which 2 courses will be elective.

The subjects (Entire) & subject-combinations (Double major) offered are as follows:

- | | |
|-----------------------|------------------------------------|
| i. English | xi. Psychology |
| ii. Marathi | xii. Economics- Commerce |
| iii. Hindi | xiii. Economics- Political Science |
| iv. Sanskrit | xiv. Economics-History |
| v. French | xv. Economics-Statistics |
| vi. Political Science | xvi. History - Political Science |
| vii. Philosophy | xvii. Marathi - Economics |
| viii. Economics | xviii. Marathi - Political Science |
| ix. History | xix. Hindi -History |
| x. Mathematics | xx. Hindi- Political Science |

Note:

For Marathi medium students at TYBA, the following combination are offered:

- i. Marathi - History
- ii. Economics - Political Science
- iii. Political Science- History
- iv. Economics - History
- v. Hindi - History

Note: 'Commerce' subject as an option for Arts students was introduced by University of Mumbai to expand the career horizon of the students from Arts stream. It includes topics on Business, Marketing, Human Resource, Banking, Insurance, Finance, Exports and so on. It covers theory papers only and does not include accounts, mathematics or statistics to make it an easier option for students.

BMM

The College has started the Bachelor of MassMedia (BMM - English Medium) from June 2006 and is now under the broader umbrella of the Department of Communication and Media. The College also introduced BMM (Marathi Medium) from 2010-11.

It exposes the students to changes and challenges in the field of Mass media. It develops skill sets among students such as creativity, critical thinking and originality in all aspects of media and creates

an understanding into society's diverse cultural foundation and inculcates social responsibility. Its features include internationally acclaimed personalities as guest faculty, faculty derived from the Media Industry and documentary filmmaking.

Specialization in either Advertising or Journalism is offered at the TY level to both the English as well as the Marathi medium students

Curriculum and credit details for the BMM programme:

Year	Semester	Credits
FY	I	24
	II	24
SY	III	24
	IV	24
TY	V	24
	VI	24
Total		144

SCIENCE

The following departments offer UG Programmes.

Aided

1. Botany
2. Chemistry
3. Life Science
4. Mathematics
5. Microbiology
6. Physics
7. Statistics
8. Zoology

Permanently Non-grant basis:

9. Bioanalytical Science(Stand Alone Programme)
10. Biochemistry
11. Biotechnology (Stand Alone Programme)
12. Computer Science (Stand Alone Programme)

Curriculum and credit details for the BSc programme:

Year	Semester	Core 1		Core 2		Core 3		FC	Applied Component		Total Credits
		Th	Pr	Th	Pr	Th	Pr		Th	Pr	
FY	I	2x2=4	2	2x2=4	2	2x2=4	2	2			20
	II	2x2=4	2	2x2=4	2	2x2=4	2	2			20
SY	III	3x2=6	3	3x2=6	3			2			20
	IV	3x2=6	3	3x2=6	3			2			20
TY	V	4x2.5=10	6	-					2	2	20
	VI	4x2.5=10	6	-					2	2	20
Total		40	22	20	10	08	04	08	04	04	120

Details of Courses

FYBSc

1. Foundation Course
2. Two courses each of 3 core subjects as per combinations listed below
 - i. Chemistry, Physics, Mathematics
 - ii. Chemistry, Botany, Biochemistry,
 - iii. Chemistry, Botany, Zoology
 - iv. Chemistry, Botany, Life Science
 - v. Chemistry, Zoology, Life Science
 - vi. Chemistry, Life Science, Microbiology
 - vii. Chemistry, Botany, Microbiology
 - viii. Physics, Mathematics, Statistics
 - ix. Economics, Mathematics, Statistics

SYBSc

1. Foundation Course
2. Three courses each of 2 core subjects (depending on combination offered at FY) from the list below
 - i. Chemistry, Physics
 - ii. Chemistry, Biochemistry,
 - iii. Chemistry, Botany
 - iv. Chemistry, Life Science
 - v. Chemistry, Zoology
 - vi. Chemistry, Microbiology
 - vii. Botany, Zoology
 - viii. Physics, Mathematics
 - ix. Mathematics, Statistics

TYBSc

1. Four Courses in any one of the two core subjects offered at SYBSc
2. Applied Component: Students will have a choice for selecting/ will be allotted any one from the following:
 - i. Biotechnology
 - ii. Computer Programming and System Analysis
 - iii. Drugs & Dyes
 - iv. Electronic Instrumentation
 - v. Elements of Operational Research
 - vi. Horticulture
 - vii. Marine Science
 - viii. Non- Conventional Energy Sources & Waste Recycling

Bachelor in Vocation (BVoc) Programmes

Ramanarain Ruia College has introduced two new skill based Bachelor of Vocation (BVoc) Programmes in GREEN HOUSE MANAGEMENT and PHARMA ANALYTICAL SCIENCES (under DDU Kaushal Kendra) and TOURISM AND TRAVEL MANAGEMENT (permanently non-grant basis course). These programmes have been launched by UNIVERSITY GRANTS COMMISSION under National Skill Qualification Framework (NSQF, level 4-7). The programmes were initiated to ensure that the graduates have adequate knowledge and skill for employment and entrepreneurship.

Salient Features:

- Programme is designed in collaboration with Industry Partners based on skill gaps identified.
- It is initiated under the Credit based grading System with multiple exit points.
- Job roles are specified for each level by respective Sector Skill Councils of Government of India

Level	Duration
Diploma	One year
Advanced Diploma	Two years
Degree (BVoc)	Three years

Eligibility and Admission:

Any individual who has successfully completed his/her HSC (10+2) in Arts/Science/ Commerce.
University Reservation Policy followed for admission

Green House Management

- Agri-business is emerging as the next growth area.
- Increase in demand for greenhouse technology.
- Government of India has identified floriculture as a sunrise industry.
- 100% export oriented status.

Course Highlights:

Course will leverage skills and technical know-how in:

- Green house construction & management.
- Protected Cultivation with emphasis on vegetable (exotic & indigenous), flowering and fruiting crops.
- Soilless Cultivation.
- Plant tissue culture (Micropropagation).
- Harvesting, Post harvesting as well as value addition skills.
- Marketing, Accounting and Managerial skills.

Tourism and Travel Management

- Tourism industry is one of the fastest growing service industries.
- Offers increased employment opportunities.
- Increasing demands for specialized form of tourism such as medical tourism, pilgrimage tourism and gastro tourism.

Course Highlights:

- Field and industrial visits as a part of all three years.
- Emphasis on personality development and skill enhancement.
- Compulsory internship period during semester IV as a part of graded paper.
- Soft skill training in form of Grooming and Etiquettes, Communication skills and understanding managerial aspects for professional approach.
- Engendering spirit of Research and innovation through research projects in tourism industry.

Pharma Analytical Sciences

- Pharma needs skilled personnel with regulatory experience.
- More than 20,000 registered pharma companies - Rs. 840 billion in revenue.
- Maharashtra - 32% of India's Pharmaceutical units.
- No formal training programs integrating basic Pharma laboratory skills in higher education.

Course Highlights:

Course will leverage skills and technical know-how in:

- General Laboratory skills.
- Chromatography and Spectroscopy.
- Sample Processing and Bioanalytical Techniques.
- Pharmaceutical Analysis and Regulatory Compliance.
- Analytical Method Development and validation and related instrumentation skills.
- GLP, GCP, GMP, TQM and Laboratory safety.
- Soft skills and Entrepreneurship.

Curriculum and credit details for the BVoc programme:

Year	Semester	Skill Component	General Component	Total
1	I	18	12	30
	II	18	12	30
2	III	18	12	30
	IV	18	12	30
3	V	18	12	30
	VI	18	12	30
Total		108	72	180

Credit assignment for Single Major Course at BSc level:

The credits earned by the learner in duration of three years undergraduate programme in Major discipline is shown in the following table assuming that student has offered one Major and two ancillary subjects and foundation course at the First year and one Major and one ancillary subject and foundation course at the Second year and a single Major course + Applied component at the Third year.

Postgraduate and Doctoral Courses:

The college offers MSc by papers and MSc by research in the following subjects:

- i. Bioanalytical Science
- ii. 5 year integrated Course in Bioanalytical Sciences (Specialization in Bioanalysis / Bioinformatics / Nutraceuticals)

- iii. Biochemistry
- iv. Biotechnology
- v. Botany (Specialization in Molecular Biology, Cytogenetics & Plant Biotechnology)
- vi. Chemistry (Specialization in Physical Chemistry / Organic Chemistry / Inorganic Chemistry / Analytical Chemistry)
- vii. Computer Science
- viii. Information Technology
- ix. Life Science (Specialization in Biotechnology)
- x. Microbiology
- xi. Physics (Specialization in Electronics)
- xii. Zoology (specialization in Oceanography / Animal Physiology)

Curriculum and credit table for MSc:

Year	Semester	Credits
1	I	24
	II	24
2	III	24
	IV	24
Total		96

College also offers M Voc in Green House Management and Pharma Analytical Sciences.

Curriculum and credit table for MVoc:

Year	Semester	Skill Component	General Component	Total
1	I	14	10	24
	II	14	10	24
2	III	14	10	24
	IV	14	10	24
Total		56	40	96

Ruia College offers a unique 5 year integrated Masters programme in Bioanalytical Sciences with specializations in the fourth & fifth year.

Curriculum and credit table for 5 year integrated MSc programme in Bioanalytical Sciences:

Year	Semester	Credits
1	I	24
	II	24
2	III	24
	IV	24
3	V	24
	VI	24
4	VII	24
	VIII	24
5	IX	24
	X	24
Total		240

MSc by Research

- | | |
|--------------------------|------------------|
| i. Bioanalytical Science | iv. Microbiology |
| ii. Botany | v. Life Science |
| iii. Chemistry | vi. Zoology |

PhD

Research activity is an integral part of the academic program of Ruia College. The college has developed adequate physical and intellectual infrastructure to promote doctoral programs in thirteen science and arts departments. Over the years more than 650 PhDs have been produced by the college in different disciplines. Currently, the college has 27 Research Supervisors. The college has a strong industry linkage which benefits students immensely. Blending research activity with teaching has helped the college add a new dimension to the teaching-learning process.

PhD (Science)

- | | |
|--------------------------|---------------------|
| i. Bioanalytical Science | vi. Microbiology |
| ii. Biotechnology | vii. Zoology |
| iii. Botany | viii. Physics |
| iv. Chemistry | ix. Applied Biology |
| v. Life science | |

PhD (Arts)

- | | |
|--------------|--------------|
| i. History | iii. English |
| ii. Sanskrit | iv. Hindi |

Main Areas of Research

- Green Chemistry.
- Drug Standardization using Electroanalytical methods.
- Quality Control and standardization of herbal drugs, Indian systems of medicine and their bioactive principles.
- Nanoscience.
- Microfluidics – Lab on Chip and Lab on Paper for microbiological and chemical analysis.
- Cytogenetics, Plant Biotechnology, Plant Physiology, Phycology.
- Probiotics & Endophytes, Marine Biotechnology.
- Toxicology, Animal Physiology, Nutrition & Dietetics, Nutraceuticals, Environmental Science.
- Algal Biodiversity.
- Biofuel from Algae.
- Food History & Culture, Environmental History.
- International Relations.
- Development Economics.
- Environmental Economics & Financial Economics.
- Economics of Education.
- Vedic and Classical Sanskrit Literature.

- Indian Knowledge Management System.
- Tribal Philosophy.
- Canadian Literature, Stylistics, Feminism.
- Dalit Literature, Buddhism.
- Marathi Drama & Poetry.
- Didactics of language and pedagogy, Intercultural Studies, Technology assisted language learning.

Research Grants Received From

- University Grants Commission, Govt. of India.
- Department of Biotechnology, Govt. of India.
- Department of Science & Technology, Govt. of India.
- Department of Atomic Energy – Bhabha Atomic Research Center.
- Department of Atomic Energy -Board of Research in Nuclear Sciences.
- National Medicinal Plants Board, Govt. of India.
- Department of Ayurveda, Yoga and Naturopathy, Yunani, Siddha and Homeopathy, Govt. of India.
- Mumbai Metropolitan Region Development Authority.
- Willington Sports Club.
- Asiatic Society of Mumbai.
- University of Mumbai.

Scholarships, Freeships, Awards and Prizes

Ruia College Awards & Prizes:

Ruia College confers various prestigious awards to meritorious students in various categories.

Government Scholarships & Freeships:

Application for the government scholarships and freeships should be made in the prescribed forms available in the college office. No student is eligible for the award of two scholarships simultaneously although a student is free to apply for more than one.

Scholarships offered by Ruia College:

Ruia College awards the following scholarships to meritorious students:

1. Scholarships to Meritorious Junior College Students
2. Sports Scholarships
3. Scholarships to MSc Students: The Late Lata Rao Foundation Prize
4. Scholarships to Groups of ten students each group belonging to Physics, Mathematics, Sanskrit & Zoology
5. The college also awards scholarships to the sports personalities of the College through Gymkhana.

SCHOLARSHIPS & FREESHIP OFFERED (SENIOR & JUNIOR COLLEGE)

CASTE	CLASS	GENDER	FAMILY INCOME	DOCUMENT	LAST DATE OF SUB
S. C.	FYBA, SYBA, TYBA. FYBSc, SYBSc, TYBSc, MSc I, II By Research, Phd.	Girls & Boys	ABOVE 2,00,000/-	1. Caste certificate 2. Income certificate (form no. 16 or income certificate from collector office) 3. Previous year marksheet both semesters 4. Domicile certificate 5. Nationalised bank pass book first page copy (with A/C no., IFSC code, MICR code)	ON LINE UPDATES
S. T.			ABOVE 2,50,000/-	6. AADHAR Card 7. AADHAR linked form attested by bank 8. College ID 9. SSC Marksheet	
NT, OBC, SBC			ABOVE 1,00,000/-	1. Caste certificate 2. Income certificate(from collector office) 3. Non creamy layer 4. Previous year mark sheet both semesters 5. Domicile certificate 6. Nationalised bank pass book first page copy (with A/C no., IFSC code, MICR code) 7. AADHAR Card 8. AADHAR linked form attested by bank 9. College ID 10.Ration card 11.SSC Marksheet	

GIRLS FREESHIP

OPEN AND RESERVED CATEGORY	FYJC Science / Arts	Only Girls	Residence in Maharashtra for not less than 15 year	Aadhar & Ration Card Attested Copy	14 August
	SYJC Science / Arts				

* THOSE GIRLS WHOSE FAMILY INCOME IS BELOW,
SC = 2,00,000, ST = 1,50,000, AND NT, OBC, SBC = 1,00,000 CAN APPLY FOR THE SCHOLARSHIP

SENIOR COLLEGE AND JUNIOR COLLEGE SCHOLARSHIP

CASTE	CLASS	GENDER	SCHOLARSHIP	DOCUMENT	LAST DATE OF SUB
S. C.	FYBA, SYBA, TYBA. FYBSc, SYBSc, TYBSc, MSc I, II By Research, Phd.	Girls & Boys	BELOW 2,00,000/-	<ol style="list-style-type: none"> 1. Caste certificate 2. Income certificate (form no. 16 or income certificate from collector office) 3. Previous year marksheet both semesters 4. Domicile certificate 5. Nationalised bank pass book first page copy (with A/C no., IFSC code, MICR code) 	ON LINE UPDATES
S. T.			BELOW 2,50,000/-	<ol style="list-style-type: none"> 6. AADHAR Card 7. AADHAR linked form attested by bank 8. College ID 9. SSC Marksheet 	
NT, OBC, SBC			BELOW 1,00,000/-	<ol style="list-style-type: none"> 1. Caste certificate 2. Income certificate (Income certificate from collector office) 3. Previous year marksheet both semesters 4. Domicile certificate 5. Nationalised bank pass book first page copy (with A/C no., IFSC code, MICR code) 6. AADHAR card 7. AADHAR linked form attested by bank 8. College ID 9. SSC Marksheet 10. Ration card 	

JUNIOR COLLEGE SHAHU MAHARAJ SCHOLARSHIP

SC, NT, SBC	XI, XII	Boys & Girls	STUDENTS WHO HAVE SECURED 75% & ABOVE IN SSC EXAM	<ol style="list-style-type: none"> 1. Caste certificate 2. SSC Marksheet (any board) 3. Domicile certificate 4. Nationalised bank pass book first page copy (with A/C no., IFSC code, MICR code) 5. AADHAR card 6. AADHAR linked form attested by bank 7. College ID 	ON LINE UPDATES
OPEN MERIT SCHOLARSHIP	XI, XII	Boys & Girls	ABOVE 90% SSC EXAM	<ol style="list-style-type: none"> 1. SSC Marksheet (any board) 2. Domicile certificate 3. Nationalised bank pass book first page copy (with A/C no., IFSC code, MICR code) 4. AADHAR card 5. AADHAR linked form attested by bank 6. College ID 	ON LINE UPDATES
* THOSE STUDENTS WHO HAVE APPLIED FOR OTHER SCHOLARSHIPS NEED NOT APPLY FOR THIS SCHOLARSHIP					

SANSKRIT MERIT SCHOLARSHIP	XI, XII	<ol style="list-style-type: none"> 1. SSC Marksheet (any board) 2. Domicile certificate 3. Nationalised bank pass book first page copy (with A/C no., IFSC code, MICR code) 4. AADHAR card 5. AADHAR linked form attested by bank 6. College ID 		ON LINE UPDATES
EBC SCHOLARSHIP ONLY FOR OPEN CATEGORY	FYBA/FYBSC (AIDED COURSE)	BELOW 1,00,000/-	INCOME CERTIFICATE. (COLLECTOR OFFICE) RATION CARD, LAST YEAR'S MARKSHEET	ON LINE UPDATES
OPEN MERIT SCHOLARSHIP ONLY GENERAL CATEGORY STUDENTS	FYBA/FYBSC	ABOVE 75% IN HSC	ATTESTED HSC MARKSHEET TWO COPIES	ON LINE UPDATES
MINORITY SCHOLARSHIP		FOR MUSLIM, BUDDHIST, ZOROASTRIAN, CHRISTIAN ANNUAL INCOME LESS THAN 2,00,000		ON LINE UPDATES
EX-SERVICE MEN FREESHIP		FOR WARDS OF EX-ARMY, NAVY AND AIRFORCE PERSONNEL		14 AUGUST

CASTE VALIDITY (SYJC SC)

STUDENTS APPLYING FOR ENGINEERING, MEDICAL, PHARMACY COURSES AFTER XII STD Website (<https://barati.maharashtra.gov.in>) For (SC, OBC, SBC, VJNT) AND (<https://trti.maharashtra.gov.in>) for (ST)

1. Caste Certificate, 2. School Leaving Certificate 3. Father's School Leaving Certificate 4. Grand Father's School Leaving Certificate. 5. Uncle's School Leaving Certificate, 6. Gaon Namuna 14.

Caste Related document SC Caste before 1950, VJNT before 1961, OBC & SBC 1967 should be attached.

IMP. NOTE : Original form & Attested photo copy should be submitted before last date.

Students are required to open bank account at Central Bank of India, Dadar TT Branch at the earliest. Account opening forms are available at counter no 4 in the college office.

SC, OBC, SBC, NT student freeship and scholarship form, fill on line and submit hard copy within last date (last date will be displayed on notice board).

Note: Course eligible or non eligible for Freeship, Scholarship check online respective website Exp: Comp. Sc.

RUIA COLLEGE COMMITTEES FOR THE ACADEMIC YEAR 2019-20

- Ruia Admission Committee
- Ruia Faculty Grievance Redressal Cell (RFGRC)
- Ruia Students' Grievance Redressal Cell (RSGRC)
- Ruia Library Committee (RLC)
- Ruia Committee for Implementation of Reservation Policy
- Ruia Anti Ragging Committee (RARC)
- Ruia Committee Against Sexual Harassment (RCASH)
- Ruia Internal Complaints Committee (Zero tolerance to sexual harassment)
- Ruia Support Staff Grievance Redressal Cell (RSSGRC)
- Ruia Students' Council (RSC)
- Safety & Disaster Management Committee
- Ruia Purchase Committee
- Web-Site Coordination Committee
- Ruia Attendance Committee
- Ruia Foreign Language Center (RFLC)
- Ruia Global Partnership Cell (RGPC)
- Ruia Examination Coordination Committee
- Internal Academic Audit Committee
- Ruia Center for Innovation, Incubation and Entrepreneurship (RCIIE)
- Ruia Slum Study Center (RSSC)
- Ruia Science Association (RSA)
- Ruia Research Advisory Committee (RRAC)
- Ruia Cell for Gender Sensitization & Equality (RCGSE)
- Ruia NCC
- Ruia NSS
- Ruia Cell for Students with special Needs (RCSSN)
- Ruia Center for Mindfulness and well-being (RCMW)
- Ruia Career Guidance & Placement Cell (RCGEPC)
- Ruia Performing Arts Society
- Ruia Environment Awareness & Sustenance Committee (REASC)
- Ruia Sport Academy
- Ruia Social Responsibility Committee
- Ruia Internal Quality Assurance Cell (RIQAC)



Notes:

EXAMINATION SCHEDULE

Senior College

Odd Semester	
Internals	4th Week August 2019
Practicals	2nd Week September 2019
Semester End	4th Week September 2019
Even Semester	
Internals	4th Week January 2020
Practicals	2nd Week February 2020
Semester End	2nd Week March 2020

Junior College

FYJC Arts & Science	
First Unit Test	August 2019
Terminal Examination	
For Arts & Science	October 2019
Science Practical	October 2019
Second Unit Test	January 2020
Annual Examination	
For Arts & Science	March 2020
Science Practical	February 2020

Note: The dates given above are only indicative and subject to change if necessary

RRRAC

Ramnarain Ruia Autonomous College

L.N. Road, Matunga, Mumbai - 400 019.