

IQAC

Actions taken report 2022-2023

In the Academic year 2022-23, IQAC comprised 30 members, representing various stakeholders as per the NAAC guidelines. A multipronged strategy was designed by IQAC in Academic and Administrative activities for the promotion of quality.

In this academic year, IQAC conducted 4 official meetings (13-08-2022, 19-11-2022, 11-02-2023, 21-04-2023). Plan of action was prepared in the first meeting and IQAC reviewed the progress of the plans implemented in the subsequent meetings. Plan of action was carried out directly by IQAC and also suggestions were given to Departments / Non- Departmental Associations/ committees for various activities. Following activities were carried out by IQAC in the academic year 2022-23.

Achievements of College and Faculty

- Dr. Mayuri Rege, Mr. Sachin Rajagopalan and Ms. Mugdha Belwalkar were awarded an Outreach Grant from India Bioscience which focuses on giving hands-on biology lab experience to school students belonging to economically weak backgrounds
- Mr. Aditya Jadhav from Dept. of Philosophy received scholarship from the University of Washington USA for a 11 week online intensive training program in “Philosophy for Children”
- Dr. Sasikumar Menon- invited as expert and Mentor for the contingent of University of Mumbai at the National Research Convention, Anveshan 2022 held at Ganpat University, Mehesana, Gujarat, felicitated by Vice Chancellor of Mumbai University - Contingent won, 3 gold and 1 silver medal including the best overall research project
- Ramnarain Ruia Autonomous College - Principal Dr. Anushree Lokur won a award as Contributors Towards Boosting Tourism 2022-23 by Maharashtra Tourism Development Corporation on 27/9/2022 for the TTM department
- IndiaBioscience has awarded our college with the first outreach grant to reach out to economically and physically disadvantaged school students to give them a hands on learning experience
- Ruia College was put on the world map as an educational partner for World Skill Council Competition in Floristry held in Helsinki Finland in October, 2022
- The N.S.S. unit of Ruia College, was felicitated by Times of India and Maharashtra Environmental Ministry for Beach Cleaning Activity under SWACHH BHARAT ABHIYAN
- A one-day state Level seminar " Mahakavya Mahotsav " was organized by the Department of Sanskrit
- The Department of Philosophy conducted 8-week program for the students of SPM English School, Pune on “Philosophy for Children”
- College along with UGC-HRDC organized Online Refresher Course in Environmental Chemistry between 12th and 24th December 2022
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- College hosted the 55th Youth festival for South Zone on behalf of University of Mumbai

	Plan	Activities	Outcome
Curricular Aspects			
1	Upgrading the curriculum framework of existing courses (CBCS - introducing AECC, DSE, SEC at all levels)	All Science departments introduced interdisciplinary Discipline Specific Elective courses in their CBCS framework for PG	<p>All Science departments PG first year syllabus was revised with interdisciplinary Discipline Specific Elective courses.</p> <p>Ability Enhancement Compulsory Course (AECC) has been implemented</p> <ul style="list-style-type: none"> For First Year UG students under Choice Based Credit System (CBCS) <p>Courses included:</p> <p>(1) Social Awareness and Constitutional Safeguards (2) Human Values and Environmental Issues</p> <ul style="list-style-type: none"> For PG students: <p>Emotional Well Being through Logic Based Thinking</p> <p>Courses included:</p> <p>(1) Relation between Emotions and Thinking (2) Strengthening Rational Thinking Patterns</p>
2	Initiating New Courses (Diploma/ Certificate and PG Diploma) (post-graduation in Humanities)	Master's program in Clinical Psychology started 2022-23	<p>24 students have registered</p> <p>Courses starting from 2023-24</p> <ol style="list-style-type: none"> M.A. in Politics with International Relations & Area Studies M.A. in Philosophy with Philosophical Counselling & Logic Based Therapy

3	Certificate courses in (i) Entrepreneurship (ii) Direction/Dubbing/script writing/coding/ gaming	A 3-credit 45-hour Certificate Course “Innovation and Entrepreneurship” has been designed in collaboration with Cultino & CII’s Young Indians Mumbai Chapter	10 students successfully completed this Credit course on “Innovation and Entrepreneurship” from 14th January to 30th March 2023
4	Skilling students especially the Economically Weaker Section and other needy students	Basic computer course workshop under SDG 04 organised by Ruia SDG, IQAC and Dept. of CSIT inaugurated on 2nd Dec 2022 on World Computer Literacy Day. Course conducted for economically weaker students from 5 to 14 Dec 2022	19 participants got trained in topics of Microsoft powerpoint presentation, Microsoft Excel, photo editing and video making, pamphlet making using Canva and Resume building
5	Holistic & Multidisciplinary education <ul style="list-style-type: none"> ● Emotion Friendly learning environment ● Interdisciplinary/Transdisciplinary curriculum Promotion of Indian Knowledge systems, languages, culture and values	An induction program for First Year UG and PG students was organised by IQAC and Centre for Mindfulness and Wellbeing in collaboration with Heartful Campus on 21st, 22nd and 23rd September 2022	All FYBA/Sc MA and MSc students attended it. Students were taught the technique of meditation for stress management, personal excellence, development of self awareness, social awareness and instilling universal human values.
		A concept of Value Lab is being explored during regular microbiology practical sessions of First Year class by our two young faculty Sachin Rajagopalan and Niranjana Chavan	30 students attended this Value Lab. It will be extended to other students in a stepwise manner from next academic year.

Teaching, Learning and Evaluation			
6	To conduct a course for advanced learners	IQAC in association with the Department of Microbiology organized a 6 days Summer Biology Exploration Camp for advanced learners from 10th April to 15th April 2023	27 students successfully completed this course. The students were trained in hands-on minds-on experience to think, hypothesize, design and implement the plan in a scientifically sound manner
7	To undertake Upskilling and Capacity Building training for faculty in innovative Pedagogy and Leadership	A workshop on Introduction to Innovative Pedagogies for Undergraduate Teachers was conducted for all faculty from 25 th to 28 th July 2022 in association with Indian Institute of Science Education and Research (IISER), Pune and Maharashtra State Faculty Development Academy (MSFDA) under the Maharashtra State Development of Educators and Enhancement in Delivery (MSDEED) program.	155 Faculty attended: 126 in-house (Arts + Science) and 29 External attended the workshop. The teachers implemented the innovative pedagogies in their curriculum in 2022-23.
8	To organise training programs for creating emotion friendly environment and developing progressive emotions in self and students	A 3-session workshop was organised by IQAC under Pradnya Parisar Prakalpa for a combined group of a few faculty, non teaching staff and students	13 faculty, 2 non-teaching staff and 6 students attended this workshop on psychological health improvement conducted by our faculty who had in turn attended a course on their campus with our non teaching staff and students
9	To initiate a Teacher Training Centre in collaboration with MSFDA	Eight faculty members were trained for Level 2 Program of MSFDA under MSDEED	They are now the Master trainers for the program MSDEED-MSFDA website mentions Ruia College as one of their first collaborators

Research Innovation and Extension			
10	To encourage all departments to have at least one collaboration/ MoU with industry/ Institute	MoUs were signed with (i) Confederation of Indian Industry, (ii) Cultinno and Young Indians Mumbai and (iii) Society for the Rehabilitation of Crippled children	10 students successfully completed this Credit course on “Innovation and Entrepreneurship” designed in collaboration with Cultino & CII Young Indians Mumbai Chapter. The students presented their business plans and defended their ideas and financial models.
		To encourage the students participation in the Research festival organised by University of Mumbai- 'Avishkar' 17th Inter-Collegiate Avishkar Research Convention: 2022-23 Research Cell organised mock presentation and mentoring of selected students	No. of Research Proposals sent to university for selection round: 48 No. of Research Proposals selected for final round: 9 Post Graduate Students Purva Shirke, Bhakti Mayekar, Isha Yadav, Sakshi Kokate, Nitya Palekar and Neha Waghare from Biotechnology won a Second Prize in the category Agriculture and Animal Husbandry
		To encourage the research culture among the students and Faculty, the Research Cell of the College introduced the Seed Money concept for the selected research proposal. Seed money was sponsored by College Alumni association	15 out of 19 students' projects received, were selected. The SEED FUNDINGS of Rs 3,06,000/- were granted of which Rs. 1,96,000/- were sponsored by Ruia College Alumni Association

11	To undertake training in Interdisciplinary/ Transdisciplinary/ Institutional Research grant writing	Mentorship programmes will be conducted once the groups have been formed (in August 2023). A college-level scrutiny committee will be formed in July 2023 to conduct the initial screening of research proposals. External mentors/experts will be appointed/invited for the project's next screening based on the topic of research proposals.	Mentorship programmes will be conducted
12	To encourage faculty to explore research funding agencies	To make them aware of various funding agencies, the Research and Development cell posted all the information regarding the possible funding agencies on the Ruia group. Faculty will be trained to apply for various funding agencies during the mentorship programme.	Faculty will be trained
13	To establish International collaboration for research	College organised a 2-day International Conference on "Millets 2023": A Transdisciplinary Approach to its Resurgence and Sustainability (ICM-2023) on 30th and 31st January 2023 Pre-Conference Workshop and Recipe competition was conducted on 28th January 2023	Number of participants registered for this conference are 288 from all over India and 1 from abroad. Total research papers received for this conference are 119. Dr Khadar Valli, Dr Chibuike Udenigwe, Dr Babak Nakhoda, Dr Nir Sade, Dr Bharathan, Dr Shalini Arya, Dr Suresh Sakhare, Mr Shirish Joshi , Mr. Vikram Sankarnarayanan, Dr Sandeep Gadgil, Dr J. Stanley were the

			distinguished speakers from 5 countries
		The Department of Marathi organized an International Conference in collaboration with the International University at Kuala Lumpur, Malaysia, on 25th July, 2022. The theme for the conference was "The Impact of Dr Ambedkar's Thoughts on the contemporary Cultural, Social and Literary Scenarios in Asia"	13 Malaysian candidates presented their papers
14	To expand industrial consultancy	In Process	In Process
15	To encourage all departments to have at least one Extension Activity	Mangrove Plantation - Uprooting poverty and climate change	33 students got to learn various mangrove conservation strategies. They realized the constraints and challenges in conservation plans.
		Workshop on microgreens and garden therapy course for students of SRCC	A student with motor planning issues along with sensory issues which makes handwork difficult was able to pot plants, make seed balls, identify different plants and shop for required items after the course. He could pluck the flowers as well.
		Beach Clean up activity on Dadar Beach	188 students wiped out 538 Kg of waste from the beach and the sea
		Visit to the Green House of Ruia for students of L. K. Waghji Municipal School Matunga	38 students visited Ruia College GreenHouse to learn working and uses of greenhouse and soilless cultivation

	<p>On field tree plantation TY Botany students and NCC students at the border of Sanjay Gandhi National Park, Puneet Sagar beach Cleaning Activity, Tree plantation with BMC</p>	<p>50+ students participated in these various activities to sensitize students towards conserving natural resources 100+ trees were planted with a social cause to encourage the local community to not just plant trees but also take responsibility for that plant till it reaches maturity.</p>
	<p>The students of M.A. (Clinical Psychology) conducted a workshop on Mental Health on the 10th of October for the students of R. Jhunjhunwala College, Ghatkopar on the occasion of the World Mental Health Day.</p>	<p>14 students conducted the workshop for 45 attendees</p>
	<p>The Department of Computer Science & IT celebrated World Computer Literacy Day by inaugurating Online Training Series of 7 sessions for Lok Biradari Ashramshala, Hemalkasa, Chandrapur</p>	<p>30 students of class VII to IX and one of their teachers attended the training</p>

	Extension Activities of NSS	<ol style="list-style-type: none"> 1. Cleaning at Manpada, Ambadi, Vadpada in Palghar. 2. Toy Donation at Palghar, 3. cleaning of local village pond 4. female volunteers did a survey regarding knowledge of menstruation at the village 5. male volunteers installed lights, 6. Wall painting at Shelwali village, Palghar (adopted by Ruia NSS) and Neral 7. Repair of battered village walls and slogan painting 8. Book Donation, 9. English Teaching 10. Selling Eco-friendly Rakhis (One rakhi one tree) made by Seva Vivek, a non profit organization 11. Selling Ubtan made by blind people from ASSIEC Foundation 12. Traffic Control and Crowd Management During Ganesh Visarjan 13. Blood Donation Camp 14. Mentoring and counselling underprivileged students 15. Road safety Rally 16. Nirmalya Collection and its composting 	<p>1 to 16. 100+ volunteers participated</p> <p>14. 500+ students were called and told about different job opportunities in pizzeria, domino's, pizza hut, various banks and hotels</p> <p>15. The motive of the rally was to aware people around the locality of Dadar and Matunga about Safe travelling using vehicles and pedestrian</p> <p>16. 75+ bags of 500 gms compost were sold</p>
Infrastructure and Learning Resources			
	Building Maintenance and Repairs	Building Maintenance and Repairs started at the beginning of this Academic year	Office renovation, Badminton court renovation completed. Compactor Room work completed.

16	To create N-LIST user accounts for all PhD, MSc, and TY students admitted in the year 2022-23	N-LIST user accounts were created for all TY and PG-PhD students for 2022-23.	N-LIST usage statistics 2022-23 Total no. of accounts created - 1274 Total no. of active users - 649 No. of users who accessed - 263 Total no. of Pages Viewed - 1152
17	To conduct online N-LIST usage training sessions of PhD, MSc, and TY students	N-LIST usage training sessions were conducted for PhD, MSc, and TY students.	Students became aware of N-LIST.
18	To make the question papers available for college students on intranet through Library catalogue		Postponed for the time being due to technical problems
19	To make the Library catalogue available on internet (on college website and Student Diary app)		Work ongoing
Student Support and Progression			
20	To promote entrepreneurship as an alternative career	Institution's Innovation Council of Ruia College has registered itself with Ministry of Education Institution's Innovation Council Under which Institution's Innovation Council organised 1) A WEnyan Scholarship and mentorship program by Dr. Anupma Harshal organised for women, on 8th July 2022.	Students got information about the Women's Scholarship Programme, an initiative of the Pune Knowledge Cluster (PKC) and BASF Chemicals India Pvt Ltd. The initiative aims to provide worthy women candidates from low income groups in Maharashtra with financial support, mentoring, and the opportunity to develop their entrepreneurial skills.

	<p>2) A Slogan Writing competition, organised from 14th - 17th August on the topic 'Start-Up India' in collaboration with the department of bioanalytical sciences.</p>	<p>The competition was held to enhance awareness amongst students about the efforts and initiatives by the government to promote entrepreneurship.(MIC driven activity)</p>
	<p>3) A Lecture on innovation and entrepreneurship Dr. Rahul Mirchandani was organised on 26th November 2022.</p>	<p>Dr. Mirchandani spoke on his extensive experience in the business world to provide practical advice and examples of successful innovation and entrepreneurship. He also highlighted the challenges that entrepreneurs and innovators face, such as funding constraints, regulatory hurdles, and competition from established players in the market.</p>
	<p>4) Innovation and Entrepreneurship Credit course, in collaboration with the Cultinno and CII'S young Indians Mumbai chapter.</p>	<p>The course was aimed to bring out a culture of innovation and to help the young adults of today to become the leaders of tomorrow. The course had 20 hours of class education and 25 hours of practical work. At the end of the Course, the students were awarded with 3 credits.</p>
	<p>5) A Lecture on innovation and entrepreneurship as a career opportunity organised on 3rd January 2023 by Padmaja Rajguru.</p>	<p>Dr. Padmaja Rajguru elaborated her experience in the field of leather industry and guided students to become a successful entrepreneur</p>

6) Mock investor pitch-in on 16 th December 2022	4 investors pitched in their products in front of jury
7) A Session on Finance and Marketing Session 1: Mr. Saurabh Marathe Session 2: Ms. Tripta Jaisinghani	Students got the information about finance and marketing
8) Microgreen and Compost: Selling activity on 14 th December 2022	Students got hands-on training in selling and marketing. Amount collected: Compost: 2250 Microgreen: 1010
9) Sale of Ragi Cupcakes, Brownies	Student got hands-on training in promoting self made bakery products. Amount collected: 2100
10) Awareness lecture on “How to Plan for Start-Up and Legal and Ethical Steps” by Advocate Kewal Ahya	The Session conducted in two parts gave the students a brief idea about the legal practices which go into not only protecting one's innovation but also making it profitable. The session helped the students understand the different kinds of Intellectual Property Rights and the process of registering one's Startup and keeping it running. The attendees were given knowledge about working within the ethical framework of the society and respecting the Ethical and Legal Boundaries. The Copyright Act and the Patent Act were discussed and taught in detail by the faculty, encompassing the

			<p>process, remedy and other factors which go into filing and maintaining a Patent and a Trademark. The Session was an interactive one which saw the engagement of each and every attendee in the lecture and Adv.Kewal Ahya made the session very interesting.</p>
		11) Workshop on skill, attitude and behaviour development	<p>This workshop helped students in gaining knowledge about crucial entrepreneurial skills. This will help them to develop their skills, competencies and behavior to successfully select and start their own entrepreneurial venture. Students learnt the importance of knowing self and others as a first step to develop required skills and competencies which are essential for being an entrepreneur.</p>
21	To train students for various competitive exams	<p>Ruia Academy for Competitive Exams (RACE) organised:</p> <p>1) An Orientation Lecture on "how to prepare for UPSC- MPSC" by Ketan Sande, an expert faculty from Chanakya Mandal Pariwar on 15th September 2022.</p>	<p>Their objective and outcome of the Academy is to create awareness about careers in admin services and to provide information about the selection process. Number of participants: 190</p>
		<p>2) A Lecture Series on "UPSC- MPSC Preparation strategy for Pre-Cum-Mains with Optionals" by Ms. Anuja Hangarge Dep. Dist. Coordinator, Ministry of Sports and Youth Affairs, Gov. of India and Mr</p>	<p>Number of participants: 129</p>

		Vipul Bhanushali, an Expert Faculty from Unique Academy Mumbai on 18th November 2022	
		3) A Lecture on "UPSC-MPSC How to Select an Optional Subject" by Mr. Bhushan V. Deshmukh, Expert Faculty of Economics and History Lokayan IAS Academy, Pune on 24th November 2022	Number of participants:102
22	To reach out to Alumni and increase their involvement in college development	Department of Statistics received a donation of Rs 35.51 lakh for developing a Computational Facility Laboratory in memory of our alumnus Late Prof. Vandana Ramakant Gupte from her husband Mr. Ramakant Gupte.	The lab was inaugurated on 19th January 2023 at the hands of Mr. Gupte
		8 lakhs for Chemistry Laboratory Development	The labs are ready and are being used by the students
23	To imbibe the importance of 'fitness through sports' amongst the students by promoting and making a platform available for various sports events (indoor or outdoor sports)	The students were encouraged to participate not only in the competitions but to imbibe the importance of fitness in every student, the college has also installed in-campus fitness equipment viz. Sit up board, Standing and Seating Twister, Chest Press, Sky walker, Air Walker, Surf Board, Shoulder builder, Push upBar, Rower and Leg Press. The aim of such installation was to attract them towards this important aspect.	Many students took advantage of this in-house open gym. They realized the importance of fitness. Many students participated in inter-collegiate sports events organised by various colleges. Besides these, 169 students were selected in 24 teams of colleges to represent the zone at University. Out of 169 students, 47 students entered in Inter-Zonal Championship and 11 students were selected for All India Inter-University Sporting Events. The participation of Ruia College is quite noteworthy

			in comparison to other city colleges of the zone.
	Governance, Leadership and Management		
24	To conduct Academic, Administrative, Examination Audit and Gender Audit	The Audit for years 2021-22 and 2022-23 will be conducted in June 2023	Data compilation work is in progress
25	To organise Upskilling and Capacity Building Workshops for Administrative and Support Staff	A 12-hours long Upskilling Programme was conducted on “Basics of Computer, Office Automation and Internet” for the Administrative Staff of college from 20 th to 23 rd December 2022 by the faculty of Department of Computer Science & IT in collaboration with IQAC.	35 Members of non-teaching staff including Lab Assistants attended the workshop. It was very well received and there are suggestions for arranging workshops on Time Management, Stress Management, Women’s Health issues etc.
		A Peer training on Tally was conducted for administrative staff by our CEO Mr. Sahebrao	All accounts staff took this 54 hour-long training
26	To prepare pending SOPs/ policy documents & Institutional Development Plan	All pending SOPs/ Policy document and Institutional Development Plan preparation is in progress	In progress
	Institutional Values & Social Responsibilities		
27	To generate awareness about Sustainable Development Goals (SDG) with a special emphasis on Waste Management, Coastal Sustainability, Tree	1) Basic computer course workshop under SDG 04 organised by Ruia SDG, IQAC and Dept. of CSIT inaugurated on 2nd Dec 2022 on 19 participants got trained in topics of Microsoft powerpoint	19 participants got trained in topics of Microsoft powerpoint presentation, Microsoft Excel, photo editing and video making, pamphlet making using

	Plantation and Water Management through syllabus and activities of associations and cells	presentation, Microsoft Excel, photo editing and video making, pamphlet making using Canva and Resume building World Computer Literacy Day. Course conducted for economically weaker students from 5 to 14 Dec 2022.	Canva and Resume building.
		2) Ruia SDG committee organised Documentary screening and panel discussion on Restoring Beaches through sustainable coastal protection and management	34 students and 6 faculty members attended. 3 short films were shown followed by interactive discussion.
		3) Through the Ruia SDG Committee, Ruia College partnered with NGO Energy Swaraj Foundation and launched an Energy Literacy Training on the National Energy Conservation Day 13th Dec 2022. It's an online self-paced 12 modular course which can be completed in 3 hours	76 Ruia students have signed up for the course
Additional Activities			
1	Preparedness towards NEP 2020	Ramnarain Ruia Autonomous College has registered to Academic Bank of Credits on 12 th December 2022	2300+ students have already registered and registrations are still on
2	Governance	Centralised ERP systems for all administrative work is being setup	A centralised Purchase system has been set up A centralised Maintenance System has been set up ERP system has been setup for faculty for payroll management and leaves management

3	Faculty Enrichment	5 faculty from Biology , 2 from Physics, 1 from Maths have completed their 10-day Level 2 workshop at IISER {Indian Institute of Science Education and Research} so far under MSFDA	These 8 faculty are now master trainers of MSFDA
		Biology Olympiad Exposure Camp was held at Homi Bhabha Centre for Science Education from 15th to 18th November 2022	5 teachers attended thiscamp
		e-content development under RUSA with technology partner SNTD	4 faculty have completed the recording
		Participation in UNs program titled "Open Education For Better World"	Mr. Sachin Rajgopalan has designed a course for UN on awareness for Antimicrobial resistance, as per SDG 3 and SDG 12, open globally to all and has presented this course in a symposium in Slovenia in June 2023
		The Internal Quality Assurance Cell (IQAC), Ramnarain Ruia Autonomous College has organised a Lecture series for faculty on Thursday 2nd March 2023 for all faculty	Session 1: Effective Documentation by Mr. Peeyush Pahade Session 2: Institutional Development Plan by Dr. B. D. Bhole
4	SDG and Entrepreneurship	The theme for curricular fest was based on SDG and Millets	All departments conducted various activities on these themes

Ashwini Deshpande

Dr. Ashwini Deshpande
Coordinator, IQAC



Anushree Lokur

Prof. Anushree Lokur
Principal, Convenor, IQAC