

**INTERNAL QUALITY ASSURANCE CELL**

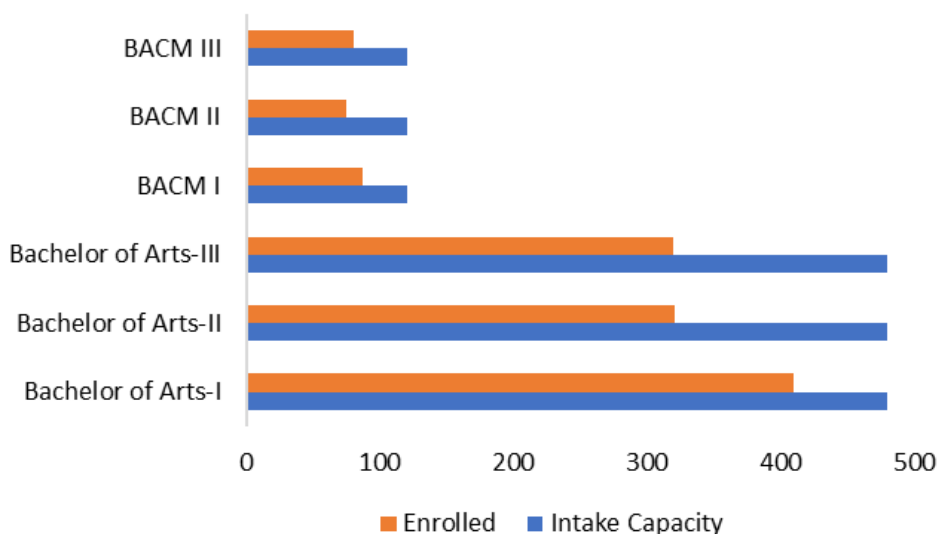
**ANNUAL QUALITY REPORT (2022-23)**

Ramnarain Ruia College (now autonomous), was established in 1937 by the Shikshana Prasaraka Mandali, Pune and is one of the pioneering institutions for higher education in Mumbai. Our Autonomous status (2017) has brought us greater freedom to design innovative, skill-based courses. Our **Logo, 'Explore-Experience-Excel'**, sums up our quest for excellence.

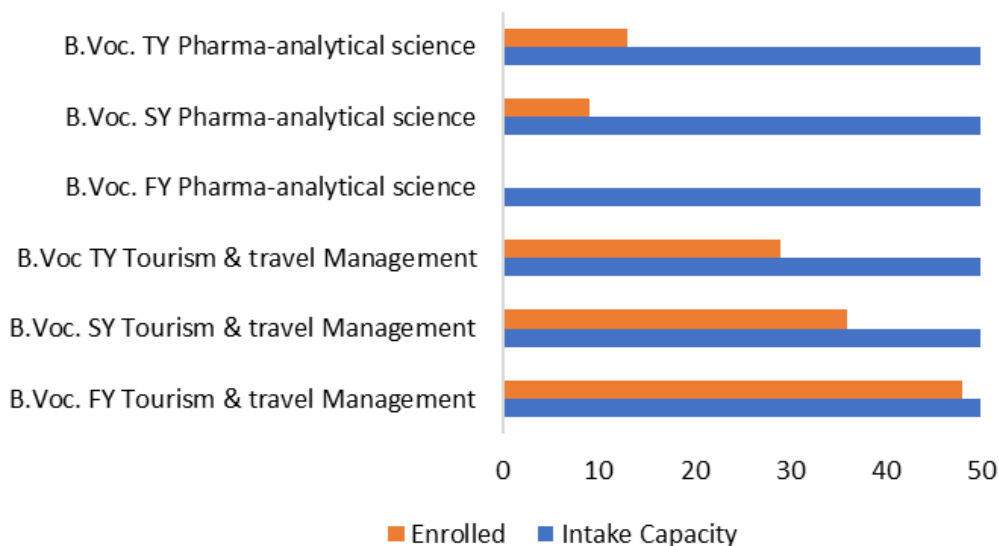
The College offers core courses in Arts and Science with 13 subjects for Arts and 13 subjects for Science including vocational courses. It also offers 13 PhD programs (04 in Arts and 09 in Science) with student strength of ~3100 (UG~2500, PG~600).

**Trends in Student Enrolment:**

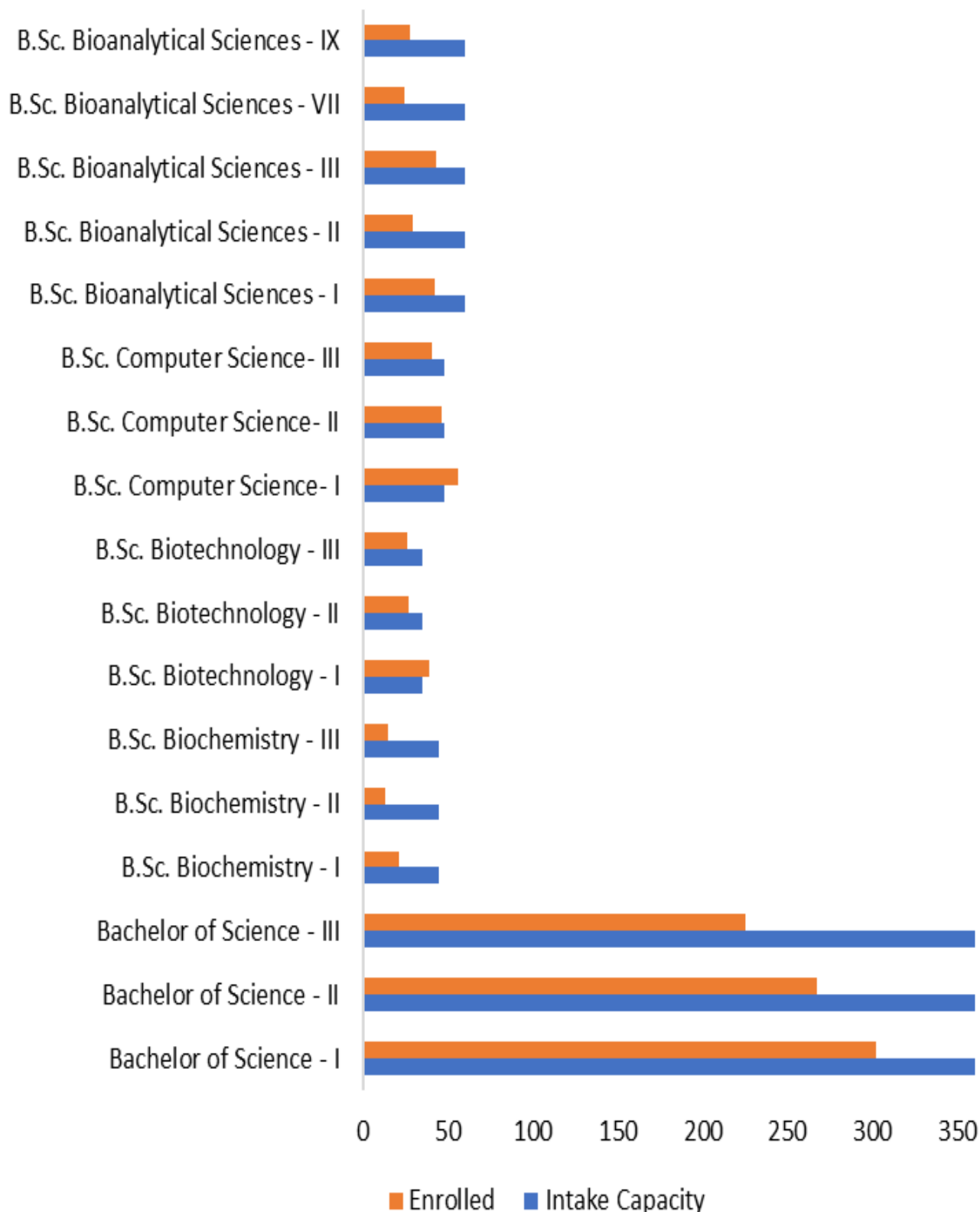
**Enrolment in BA & BACM**



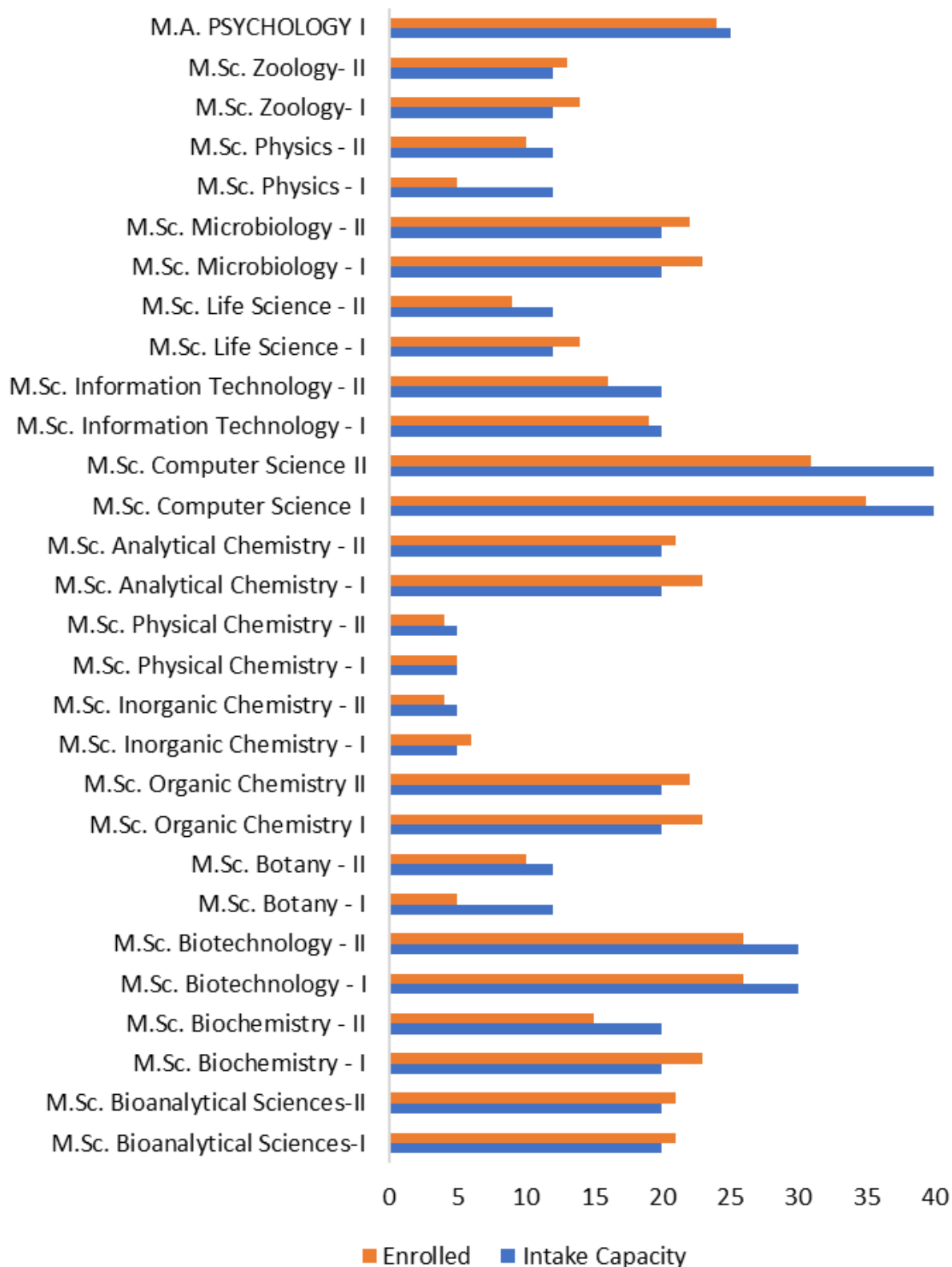
**Enrolment in B.Voc.**



## Enrolment in B.Sc.



## Enrolment in M.Sc. & M.A.



\*\*BVoc GHM course terminated and in PAS Students only in SY & TY BVoc

**Curriculum Enrichment:**

### **New Programmes:**

- MA Clinical Psychology

### **New Certificate Courses:**

The Certificate Courses directly address skills required in setting up money-making ventures through entrepreneurship.

- Introduction to Indology
- Innovation and Entrepreneurship
- Archival Science
- Research Methodology on Mumbai
- Introduction to Financial Accounting
- Introduction to Public Policy
- Gene editing tools in Medicine & Biotechnology

### **PREPAREDNESS TOWARDS NEP 2020:**

Ramnarain Ruia Autonomous College is instrumental in implementing the National Education Policy (NEP) 2020 in a phased manner. The College started the gigantic task of preparing the Roadmap for Implementation of NEP by organising a series of discussions/consultative sessions with the eminent experts from various prestigious higher educational institutes.

### **Outline of NEP 2020 Implementation Plan:**

#### **1. Holistic Flexible and Emotion Friendly Transdisciplinary / Multidisciplinary education**

- Revamping curriculum (Outcome-based curriculum focusing on key aspects of NEP)
- Restructuring the academic programmes in a phased manner
- Promoting Indian Knowledge systems, languages, culture and values
- Introducing Elective courses of Multidisciplinary Nature
- Integrating co-curricular and extra-curricular activities with curricular aspects
- Integrating Values with Skills
- Incorporating relevant Indian classical texts like *Bhagavad Gita*, *Kautilya's Arthashastra*,
- Integrating Vocational Education with General Education
- Exploring 4-years degree course

#### **2. Academic Bank of Credits (ABC) & Credit Transfer**

- Identifying institutions in HE for credit transfer
- Adopting Academic Bank of Credits (Establishment and Operationalization ABC) and multiple entry / exit after notification from Parent University in a phased manner

#### **3. Teaching, Learning, Training & Evaluation**

- Empowering the faculty to adopt innovative pedagogical approaches to enable them to perform creatively
- Undertaking Intensive faculty training in creating an emotion friendly environment, developing progressive emotions in self and students.

#### **4. Technology use and integration**

- Integrating adequate technology support for improvement of educational processes and outcomes
- Blending of traditional teaching and teaching with the online- hybrid teaching

#### **5. Research, Innovation, Entrepreneurship**

- Setting tie-ups with national/international institutes/universities for collaborative/ Multidisciplinary research programmes
- Increasing the number of department collaborations with industry/ Institutions (MoU)

#### **6. Life Skills and Responsiveness to Societal Issues**

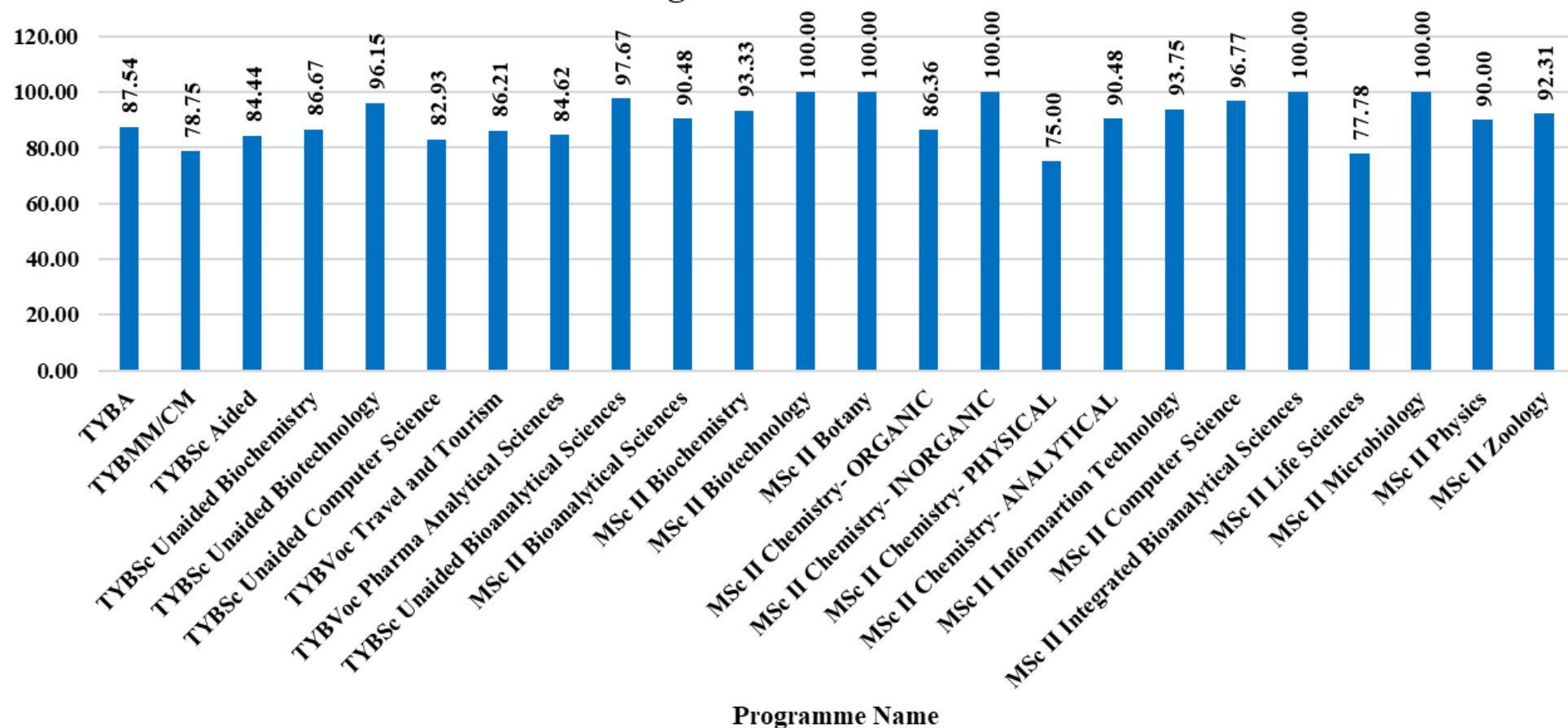
- Creating SDG awareness through curriculum, activities under the themes of Waste Management, Coastal Sustainability, Quality Education and Skilling, Tree Plantation and Water Management. Activities by all departments and associations covering almost all goals under SDG
- Undertaking focused activities to promote human values and sensitize students to these values

#### **7. Student support**

- Setting up a mechanism for students' wellness such as physical and mental health, psycho-social well-being and sound ethical grooming.
- Encouraging students to imbibe sports attitude & 'fitness through sports' amongst the students (indoor or outdoor sports).

**Examination Results:**

**Pass Percentage Academic Year: 2022 - 2023**



## Institutional, Faculty and Students' Achievements

The sustained efforts of the College towards excellence are evident in the following accolades achieved by the College and internal stakeholders.

### Institutional:

- College organised an **International Conference** on 'Millets 2023 A Transdisciplinary Approach to its Resurgence and Sustainability on 30th and 31st January 2023.
- 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"
- The **Department of Marathi** organized an International Conference in **collaboration with the International University at Kuala Lumpur, Malaysia**, on 25th July, 2022. On "The Impact of Dr Ambedkar's Thoughts on the Contemporary Cultural, Social and Literary Scenarios in Asia".
- College organized Online Refresher Course in Environmental Chemistry between 12th and 24th December 2022 along with UGC-HRDC
- College received **DST SERB TARE** (Teachers Associateship for Research Excellence) grant of 18.3 lakhs for 3 years (2021-24)
- 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, 2022
- MoUs were signed with (i) Confederation of Indian Industry, (ii) Cultinno and Young Indians Mumbai and (iii) Society for the Rehabilitation of Crippled children (SRCC),
- Ruia received the following laurels at **17<sup>th</sup> Intercollegiate Avishkar Research Convention 22-23**:
  - 48 Research Proposals were sent to university for selection round
  - 9 Research Proposals selected for final round
- 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 and was felicitated by Vice Chancellor of Mumbai University

### Faculty Awards:

- Principal Dr. Anushree Lokur won an **award as Contributors Towards Boosting Tourism 2022-23** by Maharashtra Tourism Development Corporation on 27/9/2022
- 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 laboratory 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” 2022

### Curriculum design and dissemination:

- College collaborated with **MS- DEED** for conducting the up skilling and capacity building Programme-2022-23
- A concept of Value Lab was explored during regular microbiology practical sessions of First Year class
- 5 faculties from Biology, 2 from Physics, 1 from Maths completed their 10-day Level 2 workshop at IISER under MSFDA. These 8 faculty are now master trainers of MSFDA

### PhD Degrees awarded to Faculty:

- Sandhya Menon (Bioanalytical Sciences)
- Nitin Potadar (Mathematics)
- Vikki Gayakavad (English)

### Faculty Development:

- **25 Faculty members** from departments of Mathematics, Political Science, Botany, Physics, Zoology, Microbiology, Chemistry, Statistics, English, Life Science, Biotechnology, Computer Science participated in refresher courses, orientation courses and short term courses of duration 5 to 30 days, organised by UGC HRDC, MSFDA, European Molecular Biology Organization – EMBO, Decode Life Bioinformatics, Pandit Madan Mohan Malviya National Mission on Teachers and Teaching and National Facility for Research and Training in the programmes with broad areas of Renewable Energy and Green Technology, Biosciences, Innovative Pedagogies for UG Teachers, MS-DEED, Environmental Chemistry, Pradnya Parisar Prakalp, Cancer Genomics and Bioinformatics and Instrumentation techniques for Evaluation of Drugs and Pharmaceuticals.
- The Seed Money grant of Rs 3,06,000/- were granted to 15 selected projects/ teachers

### Students' Awards / Achievements:

- Ms,Purvi Trivedi (History), Gauri Sawant (Botany), Swati Rajesh Singh (Bioanalytical Sciences), Manik Rathod (Chemistry), Vimal Krishna Temkar (Zoology), Pravith Warriar (Chemistry) and Sagar Karkhanis (History) were granted Doctoral Degrees.



### Activities conducted for Students:

- An induction program was organised by IQAC and Centre for Mindfulness and Wellbeing in collaboration with Heartful Campus for First Year UG and PG students on 21st, 22nd and 23rd September 2022
- A 3-credit 45-hour Certificate Course “Innovation and Entrepreneurship” was conducted in collaboration with Cultino & CII’s Young Indians Mumbai Chapter
- 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
- A Basic computer course workshop was organised by Ruia SDG, IQAC and Dept. of CSIT under SDG 04 on 2nd Dec 2022 on World Computer Literacy Day. Course conducted for economically weaker students from 5 to 14 Dec 2022. They were trained in topics of Microsoft powerpoint presentation, Microsoft Excel, photo editing and video making, pamphlet making using Canva and Resume building
- N-LIST usage training sessions were conducted by Library for PhD, MSc, and TY students
- Ruia Academy for Competitive Exams (RACE) organised 22 sessions on UPSC-MPSC
- Ruia SDG Committee, partnered with NGO Energy Swaraj Foundation and launched an Energy Literacy Training on the National Energy Conservation Day 13th Dec 2022- an online self-paced 12 modular course

### Students’ Achievements in Sports & Cultural Activities:

- Out of 169 students registered for various events, 47 students entered in Inter-Zonal Championship and 11 students were selected for All India Inter-University Sporting Events.

### Programs conducted for Faculty:

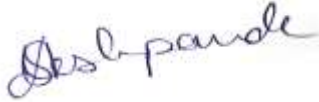
- A workshop was conducted for all faculty on Introduction to Innovative Pedagogies from 25th to 28th July 2022 in association with Indian Institute of Science Education and Research (IISER), Pune and Maharashtra State Faculty Development Academy (MSFDA) under the Maharashtra State Development of Educators and Enhancement in Delivery (MSDEED) program. 155 Faculty attended: 126 in-house and 29 External faculty
- Eight faculty members were trained for the 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
- 3-sessions were organised under Pradnya Parisar Prakalpa for a combined group of faculty, non-teaching staff and students
- Sessions on Effective Documentation by Mr. Peeyush Pahade, and Institutional Development Plan by Dr. B. D. Bhole, were conducted for all faculty.

### Programs conducted for Administrative Staff

- A 12-hours long Upskilling Programme was conducted on “Basics of Computer, Office Automation and Internet” for the Administrative Staff of college from 20th to 23rd December 2022 by the faculty of Department of Computer Science & IT in collaboration with IQAC
- A Peer training on Tally was conducted for administrative staff by our CEO Mr. Sahebrao Ghule

### Conclusion:

Overall, the College has attained its goals as envisaged at the beginning of this academic year.



Dr. Ashwini Deshpande  
Coordinator, IQAC



Prof. Anushree Lokur  
Principal, Convenor, IQAC