



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution	SHIKSHANA PRASARAKA MANDALI'S RAMNARAIN RUIA AUTONOMOUS COLLEGE OF ARTS AND SCIENCE
Name of the head of the Institution	Dr. Anushree S. Lokur
Designation	Principal (in-charge)
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	02224143098
Mobile no.	9821331914
Registered Email	iqac@ruiacollege.edu
Alternate Email	principal@ruiacollege.edu
Address	L.N. Road, Matunga, Mumbai.
City/Town	Mumbai
State/UT	Maharashtra
Pincode	400019

2. Institutional Status					
Autonomous Status (Provide date of Conformant of Autonomous Status)		30-Jun-2017			
Type of Institution		Co-education			
Location		Urban			
Financial Status		state			
Name of the IQAC co-ordinator/Director		Dr. Jessy Pius			
Phone no/Alternate Phone no.		02224141335			
Mobile no.		9892196346			
Registered Email		iqac@ruiacollege.edu			
Alternate Email		ruiacollegeiqac@gmail.com			
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)		https://www.ruiacollege.edu/uploaded_files/AQAR_2017-18.pdf			
4. Whether Academic Calendar prepared during the year		Yes			
if yes,whether it is uploaded in the institutional website: Weblink :		https://www.ruiacollege.edu/uploaded_files/Academic_Calendar_Ruia_College_2019-20.pdf			
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
4	A+	3.70	2017	30-Oct-2017	29-Oct-2024
3	A	3.65	2012	15-Sep-2012	14-Sep-2017
6. Date of Establishment of IQAC			06-Jul-1999		
7. Internal Quality Assurance System					

Quality initiatives by IQAC during the year for promoting quality culture

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Faculty Induction Programme	20-Aug-2018 1	38
Faculty Induction Programmes	21-Aug-2018 1	38
Workshop	12-Jul-2018 1	39
Understanding the Revised NAAC Assessment and Accreditation Framework	02-Feb-2019 1	87
Moodle and its effective use in Teaching and Learning	08-Mar-2019 1	32
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Ramnarain Ruia Autonomous College	Component 8: Enhancing quality and excellence in select autonomous colleges	RUSA	2018 1825	50000000
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

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10. Number of IQAC meetings held during the year :

3

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?

No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

- Conducted Faculty Induction Programmes
- Organised 3 Faculty development programmes
- Received grant from RUSA under Component 8: Enhancing quality and excellence in select autonomous colleges
- Conducted promotion of Teachers under CAS
- Participated in NIRF

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achievements/Outcomes
To undertake a workshop on "Teacher as a Leader"	The following teachers were sent for training •9 Teachers participated in a one week A National Handson Training Workshop on Innovative Experiments in Biological Sciences for College teachers, HBCSE, under STAR COLLEGE SCHEME. 29th August 2018 to 4th Sept 2018 •I Teacher - 3days training - Under RUSA Maharashtra FDP programme for IQAC coordinators, 22nd Oct 2018 to 24th October 2018 • 2 Teachers - attended one week National workshkop on Cooperative learning , 1418th Dec and 21st Dec 2018 at SNTD University • 4 teachers will be going 3week National Workshop on Design and Development of MOOC (Blended Mode) organized by SNTD University during January 21 February 10, 2019.
To involve external agencies / institutions for training teachers for innovations in teaching-learning process	Two days workshop on 'Moodle and its effective use in Teaching and Learning, 8th and 9th March 2019, 32 teachers attended , Resource persons: Mr. Mandar Bhanushe & Mr. Kanishka Khatri from University of Mumbai, IT Department
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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
College Development Committee	11-Oct-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	05-Jan-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>Master Software Solutions Centralized Campus Management System (CCMS)_A solution developed by educationalists, to bring in best practice in Education.</p> <p>Academic Modules: This includes Registration and Admission. Students apply online and applications are processed and merit lists are generated. Fee demand is created and on payment of fee admission is confirmed. This has an add-on module 'Student Inquiry Management' for effective management of admission.</p> <p>REGISTRATION ADMISSIONS Students apply (register) online for admissions, applications are processed and merit lists are generated. Fee Demand is created and on payment of fee, admission is confirmed.</p> <p>Reports :</p> <ul style="list-style-type: none"> o Registered Student List o Merit list General, Categorywise and Quota o Admission Register o Current Admission Position o Admission Cancellation Report o MIS reports according to fee type, medium, gender, caste, category, religion, region, o Online Fee Payment Parents/Students can pay fee online via MasterSofts FeePayr Portal online fee collection portal, using Debit/Credit card, Net Banking, eWallets, etc. from anywhere. The fees paid is directly deposited in the Institute Bank Accounts. FeePayr also allows Cash Fee Collection in Campus. <p>Reports :</p> <ul style="list-style-type: none"> o Fee eReceipts o Fee Collection Reports o Outstanding Fee Reports o Daily Monthly Collection Registers o Student Fee Ledger o Late Fine Caution Money Report o Concession and Refund Reports o Auto Generated Daily, Weekly, Monthly Fees and Admission reports to Management via email. <p>STUDENT ADMINISTRATION: Manage student administration and student details (academic, personal, previous exams, subjects offered, documents</p>

received, etc.) at a centralized location. Generate Roll No., Section, Registration/Enrollment No. Semesterend/yearend promotion of students can be done in bulk. Reports :

- o Identity card Certificates like TC, Bonafide, NOC, DOB
- o Data Export to Excel
- o Student lists
- o Subject/Classwise Attendance Sheet

TIME TABLE AND STUDENTS ATTENDANCE: Online time table linking, faculty and students class room attendance. Time table according to the course, teacher and class room. Attendance report, attendance analysis etc. Report:

- o Time Table according to course, teacher classroom
- o Attendance Reports : according to Subject, Faculty, Class
- o Attendance Analysis according to Subject, Faculty, and Class.

EXAMINATION: ERP allows defining flexible rules patterns for examination. Students register for exams online. Roll nos. are allotted and Exam time table is created. After conduction of exam, faculty enters marks and result calculation is done by ERP which is followed by result publishing. Reports :

- o Classwise exam subject registration Report and Count
- o Exam timetable Halltickets
- o Classwise Seating Arrangement
- o Exam room allocation and Attendance Sheet.
- o Grade cards Tabulation Register.
- o Result Gazette

STUDENTS DIARY: Mobile App for students. Students can check fee dues, pay fees online, get notified by teachers, view exam schedules, class schedules timetable, exam results analysis, get notices updates.

FACULTY MODULES: Faculty Biometrics, compute Monthly Pay Bills Supplementary bills and Income tax Reports :

- o Pay Slips
- o Salary Certificates
- o Salary Register Abstract
- o Bank Statements
- o Income Tax Report
- o Annual Salary Reports
- o MIS Reports, etc.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
BA	RUA	Economics	05/07/2018

BSc	RUS	Bioanalytical Sciences	05/07/2018
BSc	RUS	Biotechnology	05/07/2018
BSc	RUS	Biochemistry	05/07/2018
BSc	RUS	Microbiology	05/07/2018
BSc	RUS	Mathematics	05/07/2018
BSc	RUS	Computer Science	05/07/2018
BSc	RUS	Botany	05/07/2018
BSc	RUS	Zoology	05/07/2018
BSc	RUS	Life Sciences	05/07/2018
BSc	RUS	Physics	05/07/2018
BSc	RUS	Chemistry	05/07/2018
BSc	RUS	Statistics	05/07/2018
BA	RUA	Political Science	05/07/2018
BA	RUA	Mathematics	05/07/2018
BA	RUA	Statistics	05/07/2018
BA	RUA	Commerce	05/07/2018
BA	RUA	English	05/07/2018
BA	RUA	French	05/07/2018
BA	RUA	Hindi	05/07/2018
BA	RUA	History	05/07/2018
BA	RUA	Philosophy	05/07/2018
BA	RUA	Marathi	05/07/2018
BSc	RUFC	Foundation Course	05/07/2018
BVoc	RUVTTM	Tourism and Travel Management	05/07/2018
BA	RUFC	Foundation Course	05/07/2018
BA	RUA	Psychology	05/07/2018
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
BSc	Applied Component Biotechnology	05/07/2018	RUSACBT	05/07/2018
BSc	Applied Component Horticulture	05/07/2018	RUSACHOR	05/07/2018
BSc	Applied Component Marine Science	05/07/2018	RUSACMS	05/07/2018
BSc	Applied	05/07/2018	RUSACMAT	05/07/2018

	Component Mathematics			
BSc	Applied Component Drugs and Dyes	05/07/2018	RUSACDD	05/07/2018
BSc	Applied Component Non Conventional Energy Resources	05/07/2018	RUSACNCE	05/07/2018
BSc	Applied Component Operations Research	05/07/2018	RUSACOR	05/07/2018
BSc	Applied Component Electronic Instrumentation	05/07/2018	RUSACEI	05/07/2018
BSc	Computer Science	05/07/2018	RUSCS	05/07/2018
BSc	Biotechnology	05/07/2018	RUSBTK	05/07/2018
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
BA	Economics- Urban Development & Policy- RUAECO506	05/07/2018
BA	Economics- Corporate Finance- RUAECO606	05/07/2018
BA	Economics- Behavioral Economics- RUAECO605B	05/07/2018
BA	Economics- Economic Thought- RUAECO503	05/07/2018
BA	Economics- Development Experience of Countries- RUAECO603	05/07/2018
BA	Economics- Mathematical Economics- RUAECO504A/604A	05/07/2018
MSc	Part 1 Microbiology- RPSMIC	05/07/2018
MSc	Part 2 Microbiology- RPSMIC	05/07/2018
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting	Programme Specialization	Date of implementation of
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CBCS		CBCS/Elective Course System
BSc	Applied component	05/07/2018
BA	Applied Component- four options (Investment Analysis, Journalism, Mass Communication, Gandhism)	05/07/2018

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Pharmacovigilance certificate course (Bioanalytical Sciences)	05/07/2018	11
Introduction to Financial Accounting (Commerce)	05/07/2018	8
Certificate course in 'Organic Gardening'	05/07/2018	9
Theme based course in Heritage of Mumbai, Culture and Heritage (History)	05/07/2018	28
Introduction to Food History and Culture (History)	05/07/2018	13
Neuropsychometric diseases	05/07/2018	28
Child Psychology	05/07/2018	12
Marital and family therapy	05/07/2018	14
Hypnotherapy	05/07/2018	17
REBT	05/07/2018	21
Food Science and Quality Control	05/07/2018	120
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	Biochemistry	97
BSc	Biotechnology	20
BVoc	Tourism and Travel Management	45
BSc	Chemistry	28
MSc	Chemistry	6
MSc	Computer Science	38
MSc	Information Technology	14

BSc	Zoology	23
BA	Commerce	4
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution?
(maximum 500 words)

Feedback Obtained
<p>Structured feed back was obtained from Students' on curriculum for every course. Feedback was also obtained from parents, Alumni, industry, and employer. The college conducts the exercise of evaluation of faculty by students. Students are asked to grade teachers on a 10 point scale under different aspects, like punctuality, knowledge of their subject, innovative teaching aids used, interactive sessions conducted, additional information beyond syllabus, availability and accessibility etc. Each teacher is then given a report (in confidence), containing the average grade point (AGP) obtained by him/her under each of the aspects. This report is able to point out the strengths and weaknesses of a teacher with a fair degree of accuracy. Parents Feedback was obtained through a questionnaire through departmental meetings. Feedback form include questions regarding subject combinations provided by the college, quality of teaching, Infrastructural facilities provided by college, over all grooming and personality development of their children, encouragement to the students for participation in various cocurricular and extracurricular activities.etc. The data generated was compiled and statistically analysed by the department and shared with the IQAC. Departments discuss these suggestions from the stake holders in the BoS meeting and valuable suggstions are incorporated in the curriculum and minuted in the meeting. Those departments with industry collaboration collect the feedback from them.The feedback was analysed and used to understand the strong and weak areas of teachers and also improvement in curriculum. The gist of suggestions and responses are communicated to the Principal by IQAC. These were also discussed at length in the IQAC as well as the HOD meetings. Suggestions by stake holders on the curriculum were considered during the BoS meetings. Feedbacks obtained from faculty, support staff, and students were also used for preparation of strategic plan. Some of the action taken report as follows: • Various new components added to syllabus on student demand. For eg. Marathi, Psychology, BMM, Life Science, Botany • New methods of evaluation adopted making internal evaluation more meaningful and useful. For eg. Philosophy • More industry participation in teaching. For eg. BMM • More industry participation in terms of internships. For eg. Microbiology, Bioanalytical Sciences • Making Arts faculty courses more practical and application based. For eg. Economics</p>

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the	Programme	Number of seats	Number of	Students Enrolled
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Programme	Specialization	available	Application received	
BA	Aided	480	1970	465
BSc	Aided	360	2584	347
BSc	Unaided Bio Analytical Science	50	127	44
BSc	Unaided Biochemistry	45	180	41
BSc	Unaided Biotechnology	35	1199	32
BSc	Unaided Computer Science	60	1110	54
BA	BMM	120	1481	103
BVoc	GHM	50	39	16
BVoc	TTM	50	94	50
BVoc	PAS	50	243	21
MSc	Analytical Chemistry	22	329	23
MSc	Organic Chemistry	22	307	20
MSc	Inorganic Chemistry	6	133	6
MSc	Physical Chemistry	6	103	4
MSc	Botany	12	46	12
MSc	Zoology	12	89	11
MSc	Life Science	12	129	9
MSc	Microbiology	20	339	20
MSc	Physics	12	65	11
MSc	Bio Analytical Science	20	76	20
MSc	Biochemistry	20	123	19
MSc	Biotechnology	30	364	24
MSc	IT	20	73	20
MSc	Computer Science	40	84	38

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG	Number of fulltime teachers available in the institution teaching only PG	Number of teachers teaching both UG and PG courses
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			courses	courses	
2018	3098	654	122	10	104

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
132	132	6	40	2	11

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

All students in the College are mentored by the faculty. The mentoring activity commences with each teacher including the Heads of Departments being allotted a fixed number of students by the IQAC. A meeting of all the mentors is conducted by IQAC, and the counsellor trains the faculty for mentoring. A power point presentation regarding mentoring is shared with all the teachers on the google group. This is followed by mentee mentor meetings. All students initially provide their basic information with a self SWOC analysis, academic and family background, their health issues and any other relevant information which affects their attendance or performance on a daily basis. This information is filled up in a mentoring form signed by both the mentee and the mentor. The mentor then conducts two to three meetings with the mentee in a year monitoring their academic performance and helping the mentee through psychological problems if any. Mentees detected with any acute cases of psychological problems are referred to the counsellor of the College. Visually challenged students, students with learning disabilities and other differently abled students require specialized care while mentoring coupled with counselling. For this purpose teachers of the Philosophy and Psychology Departments are allotted mentoring duty. On a case to case basis, parents/guardians are called and the mentee problems are sorted out. Mentees are also guided to focus on their weaker areas in subjects and encouraged to visit the library, refer journals and use social media in an academic and creative manner. According to the mentees interest and aptitude, they are guided to career counsellors and career fairs.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3589	132	27

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
91	91	0	0	43

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr Kanchan Chitnis	Assistant Professor	P.D. Sethi National Level Certificate of Merit for the research paper "Quantitation of Eugenol in Betel Leaf Varieties by HPTLC, " selected as best research

			paper on application of TLC/HPTLC in pharma, herbal and other chemical analysis amongst 111
2018	Prof. Sunita Shailajan	Professor	DST SERB Gold medal for presenting research work at International Symposium for HighPerformance ThinLayer Chromatography, Bangkok, Thailand
2018	Prof. Sunita Shailajan	Professor	Silver medal 13th Maharashtra State InterUniversity Avishkar Research Convention: 201819 held at Gondwana University, Gadchiroli
2018	Prof. Sunita Shailajan	Professor	Gold medal Final Round (University Level) of 13th interCollegiate/ institute/ Department Avishkar Research Convention: 201819 held at Rishi Dayaram and Seth Hassaram National College and Seth Wassiamull Assomul Science College, Bandra, Mumbai
2018	Prof. Sunita Shailajan	Professor	Felicitated on winning a Gold medal at an International Symposium for HighPerformance ThinLayer Chromatography' from November 2830, 2018 at Chulalongkorn University, Bangkok, Thailand
2018	Dr. Madhavi Badole	Assistant Professor	RULA International Innovation and Betterment award

2018	Ms. Urmi Paralikar	Assistant Professor	Junior Research Fellowship in Business History - Godrej Archives and Centre for Studies in Social Sciences, Calcutta
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BA	RUA	II	05/04/2019	03/05/2019
BSc	RUS	II	20/04/2019	04/05/2019
BA	RUA	IV	27/03/2019	26/04/2019
BSc	RUS	IV	04/04/2019	27/04/2019
BA	RUA	VI	01/04/2019	08/05/2019
BSc	RUS	VI	10/04/2019	09/05/2019
BVoc	RUV	VI	15/03/2019	09/05/2019
BVoc	RUV	VI	25/03/2019	11/06/2019
BVoc	RUV	VI	03/04/2019	11/06/2019
MSc	RPS	II	25/04/2019	11/06/2019
MSc	RPS	IV	25/04/2019	04/06/2019

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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
1	3369	0.029

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<https://www.ruiacollege.edu/UserPanel/DisplayPage.aspx?page=eacac&ItemID=caeee>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
RUASTA	BA	SANSKRIT	11	11	100
RUSSTA	BSc	STATISTICS	68	68	100

RUSZOO	BSc	ZOOLOGY	18	18	100
RPSZOO	MSc	ZOOLOGY	12	12	100
RPSZOO	MSc	ZOOLOGY	8	8	100
RUSACMAT	BSc	MATHEMATICS	37	37	100
RUSBCH	BSc	BIOCHEMISTRY	31	30	96.77
RPSBCH	MSc	BIOCHEMISTRY	19	19	78.95
RPSBCH	MSc	BIOCHEMISTRY	18	15	72.22
RUSBOT	BSc	BOTANY	18	17	94.44
RPSBOT	MSc	BOTANY	12	11	91.66
RUSBAS	BSc	BIO - ANALYTICAL SCI.	32	31	96.875
RPSBAS	MSc	BIO - ANALYTICAL SCI.	19	19	94.73
RPSBAS	MSc	BIO - ANALYTICAL SCI.	19	19	100
RUSCHE	BSc	CHEMISTRY	55	53	96.30
RPSCHE	MSc	CHEMISTRY	51	50	98
RPSCHE	MSc	CHEMISTRY	45	42	93.30
RUACOM	BA	COMMERCE	13	12	95
RPSCS	BSc	COMPUTER SCI.	47	46	97.87
RPSIT	MSc	IT	14	14	100
RPSCS	MSc	COMPUTER SCI.	29	29	100
RUAENG	BA	ENGLISH	26	21	80.76
RUAHIS	BA	HISTORY	33	30	90.90
RUAPHI	BA	PHILOSOPHY	22	22	100
RUAPOL	BA	POLITICAL SCI	43	43	100
RUAPSY	BA	PSYCHOLOGY	21	21	100
RUSBTK	BSc	BIOTECHNOLOG Y	30	30	100
RPSBTK	MSc	BIOTECHNOLOG Y	25	23	92
RPSBTK	MSc	BIOTECHNOLOG Y	28	28	100
RUSLSC	BSc	LIFE SCI.	27	28	100
RPSLSC	MSc	LIFE SCI.	9	8	88.88
RPSLSC	MSc	LIFE SCI.	4	4	100
RUAMAR	BA	MARATHI	40	33	82.50
RUAMAR	BA	BMM ENGLISH	71	70	98.59

RUAMM	BA	BMM MARATHI	51	48	94.11
RUVTTM	BVoc	TTM	18	18	100
RUVGHM	BVoc	GHM	14	9	68
RUVPAS	BVoc	PAS	16	14	87.50
RUAECO	BA	ECONOMICS	76	72	94.70
RUAFRE	BA	FRENCH	11	11	100
RUAHIN	BA	HINDI	11	10	90
RUSMIC	BSc	MICROBIOLOGY	30	29	96.66
RPSMIC	MSc	MICROBIOLOGY	20	19	99
RPSMIC	MSc	MICROBIOLOGY	20	20	100
RUSPHY	BSc	PHYSICS	28	25	89.28
RSPHY	MSc	PHYSICS	11	11	100
RSPHY	MSc	PHYSICS	8	8	100
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://www.ruiacollege.edu/uploaded_files/Student_Satisfaction_Survey_Report.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

No

No file uploaded.

3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
National	Ms. Urmi Paralikar	Junior Research Fellowship in Business History	28/08/2018	Godrej Archives and Centre for Studies in Social Sciences, Calcutta

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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	365	DBT	42	12.49
Projects sponsored by the University	365	University of Mumbai	1.75	1.75

Students Research Projects (Other than compulsory by the University)	1095	DBT, Star Status, Govt. of India	141	30
Major Projects	1825	DST INSPIRE	38.14	19
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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

2

3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Data Science and its applications	Computer sci. IT	27/07/2018
Get The Best Possible First Job	Computer sci. IT	01/08/2018
Study in Ireland	Computer sci. IT	03/08/2018
Dynamic Website Development using Wordpress PHP	Computer sci. IT	01/09/2018
Android Programming using FireBase	Computer sci. IT	26/10/2018
Advanced Python Web Framework -Flask	Computer sci. IT	29/10/2018
iSenso Robotics	Computer sci. IT	13/11/2018
Dynamic Website Development using Wordpress	Computer sci. IT	24/12/2018
AI Machine Learning	Computer sci. IT	24/02/2019
Devesh Thakur Rachanavali Ka Lokarpan Samaroha	Hindi	16/09/2018
Samakalin Kathasahitya Tatha ShravanKumar Goswami Ka Kathasahitya	Hindi	07/02/2019
Suryabhan Gupt par Kendrit Patrika Chintan Disha Ka Lokarpan Samaroha	Hindi	20/04/2019
View File		

3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Best Integrated Human Practices	Mitali Patil	The International	28/10/2018	Research

prize		Genetically Engineered Machine Foundation		
Best Integrated Human Practices prize	Sanika Ambre	The International Genetically Engineered Machine Foundation	28/10/2018	Research
Best Integrated Human Practices prize	Shrutika Sawant	The International Genetically Engineered Machine Foundation	28/10/2018	Research
Best Integrated Human Practices prize	Maithili Sawant	The International Genetically Engineered Machine Foundation	28/10/2018	Research
Big Idea contest	Radhika Sathe	Ruia	19/12/2019	Humanities
International Innovation and betterment Award for research in Herbal Sciences and Analytical Chemistry	Madhavi Badole	RULA	12/11/2018	Research
Best Integrated Human Practices prize	Dr. Anushree Lokur	The International Genetically Engineered Machine Foundation	28/10/2018	Research
Best Integrated Human Practices prize	Sachin Rajgopalan	The International Genetically Engineered Machine Foundation	28/10/2018	Research
Best Integrated Human Practices prize	Mayuri Rege	The International Genetically Engineered Machine Foundation	28/10/2018	Research
Best Integrated Human Practices prize	Mugdha Kulkarni	The International Genetically Engineered	28/10/2018	Research

		Machine Foundation		
Dr. P D Sethi National award	Kanchan Chitnis	ANCHROME	01/12/2018	Research
iGEM Gold Medal	Ramnarain Ruia College	The International Genetically Engineered Machine Foundation	28/10/2018	Research
View File				

3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
1	Ruia Centre for innovation. incubation and entrepreneurship	RUSA	Nil	Nil	03/02/2019
View File					

3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Chemistry	6
Statistics	2
Economics	1
English	1
Marathi	1
Philosophy	1
Microbiology	3

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Marathi	1	0.7
National	Botany	1	0.48
National	Microbiology	1	0.5
International	Marathi	1	0.23
International	Life Science	1	3.32
International	Physics	2	0.68
International	Bioanalytical Science	1	0.87
International	Botany	3	0.48
International	Chemistry	3	0.50

International	Microbiology	5	0.33
View File			

3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Marathi	1
Pscycology	1
History	1
Chemistry	2
Hindi	2
View File	

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
Araldite Epoxy Resin Coating Composition	Published	310522	29/03/2019
View File			

3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Plakophilin3 loss leads to an increase in lipocalin2 expression, which is required for tumour formation	Ms. Simone Vaz	Experimental cell research, Elsevier	2018	0	Ramnarain Ruia Autonomous College, Matunga, Mumbai	0
Detection of Coliforms using Lab on Chip Devices	Lokur Anushree	Vegetos	2018	0	Ramnarain Ruia Autonomous College, Matunga, Mumbai	0
Standardisation of Fabrication of Microfluidic Paper based Analytical	Lokur Anushree	Research Journal of Chemistry and Environment	2018	0	Ramnarain Ruia Autonomous College, Matunga, Mumbai	0

Devices						
Portable Culture Device for Detection of Staphylococcus aureus From Foods	Lokur Anushree	Vegetos	2018	0	Ramnarain Ruia Autonomous College, Matunga, Mumbai	0
Standardisation of Paper Based PCR for Detection of Bacteria using 16S rRNA Gene	Anushree Lokur, Surabhi Late, Anjali Apt eDeshpande	Journal of Microbiology, Biotechnology and Food Sciences	2018	0	Ramnarain Ruia Autonomous College, Matunga, Mumbai	0
Effect of Putranjivaxanthone on phagocytosis and chemotaxis by polymorphonuclear leukocyte cells (invitro study)	Madhavi Badole	International Journal of Pharmaceutical Sciences and research	2018	2	Ramnarain Ruia Autonomous College, Matunga, Mumbai	0
Chromatographic assessment of a marketed ayurvedic formulation Pushyanuga churna: A modern approach	Sunita Shailajan, Singh S, Patil Y.	Journal of Pharmacy Research (Elsevier)	2018	95	Ramnarain Ruia Autonomous College, Matunga, Mumbai	0
Pharmacognostic evaluation of sufoofe hazim	Shailajan S., Patil Y., Joshi M., Bhosale S.	International journal of pharmaceutical sciences and research, Vol 9(12)	2018	95	Ramnarain Ruia Autonomous College, Matunga, Mumbai	0
Standardisation of Paper	A Lokur, S Late, A Apt eDeshpande	The Journal of Microbiology	2018	0	Ramnarain Ruia Autonomous	0

Based PCR for Detection of Bacteria Using 16S rRNA	e	gy, Biotechnology and Food Sciences (JMBFS)			College, Matunga, Mumbai	
Detection of Staphylococcus aureus using LabOnChip Devices	Lokur Anushree	Online International Interdisciplinary Research Journal (OIIRJ)	2018	0	Ramnarain Ruia Autonomous College, Matunga, Mumbai	0
Detection of Coliforms using Lab on Chip Devices	Lokur Anushree	Vegetos	2018	0	Ramnarain Ruia Autonomous College, Matunga, Mumbai	0
Coliform Detection in Foods Using PaperBased Culture Device	Lokur Anushree	Research Journal of BioTechnology	2018	0	Ramnarain Ruia Autonomous College, Matunga, Mumbai	0
Portable Culture Device for Detection of Staphylococcus aureus From Foods	Lokur Anushree	Vegetos	2018	0	Ramnarain Ruia Autonomous College, Matunga, Mumbai	0
Standardisation of Fabrication of Microfluidic Paper Based Analytical Devices (μ PADs)	Lokur Anushree	Research Journal of Chemistry and Environment	2018	0	Ramnarain Ruia Autonomous College, Matunga, Mumbai	0

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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
NA	NA	NA	2018	0	0	NA

[View File](#)

3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	15	29	8	91
Presented papers	9	4	2	3
Resource persons	1	3	0	2
View File				

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Dr. Sunita Shailajan	Neurotoxicity study	Ms.ReshmaJadhav D. Y. Patil Pharmacy College Pune	28800
Dr. Sunita Shailajan	Acute oral toxicity	Nichem Solutions	15000
Dr. Sunita Shailajan	Hepatoprotection study	Viva College, Virar	31000
Dr. Sunita Shailajan	Pharmacokinetic studies by HPTLC	IATRIS, Sion	29500
Dr. Sunita Shailajan	Acute oral toxicity	IATRIS, Sion	15000
Dr. Sunita Shailajan	Summer training	Virani College, Rajkot	37760
Dr. Sunita Shailajan	HPTLC analysis of the herbal formulation	Ajanta Pharma Limited	15000
Dr. Sunita Shailajan	Standardisation of three plant for preparation of a formulation against hepatic disorder (Phase I)	Pacific Institute	46500
Dr. Sunita Shailajan	Standardisation of three plant for preparation of a formulation against hepatic disorder (Phase II)	Pacific Institute	71975
Dr. Louiza Rodrigues	Survey of Women in the Informal Sector	TISS, Mumbai	75000
Dr. S.S. Menon	Assessment of the skin irritancy	Prem Henna	300000
Dr. S.S. Menon	Effect of Piperine on Bioavailability of Tenofovir	Cipla Ltd	2500000

Dr. S.S. Menon	Effect of Piperine, Ritonavir and Cobicistat on Bioavailability of Darunavir	Cipla Ltd	4000000
Dr. S.S. Menon	Effect of Piperine on Bioavailability of Raltegravir	Cipla Ltd	3600000
Dr. S.S. Menon	Analysis of Volatile Sulphur Compounds in human mouth air	Hindustan Unilever Ltd.	1300000
Dr. S.S. Menon	Assessment of the skin irritancy of different formulations in humans using skin patch test	Dabur India	300000
Dr. Sunita Shailajan	Eye irritation study	Ajanta Pharma Limited	35000
PSRAIC	HPLC analysis of the sample	Deltas Pharma	22956
PSRAIC	HPLC analysis of the sample	Mr.Satish Hinduja,ABC Enterprises	5310
PSRAIC	HPLC analysis of the sample	Mr.Subhod Kelkar ,Satish Fragrances	6490
PSRAIC	HPLC analysis of the sample	Acharya Chemicals	10620
PSRAIC	HPLC analysis of the sample	Mr.Subhod Kelkar ,Satish Fragrances	11800
View File			

3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
PSRAIC	Workshop	BVOC students	30000	17
PSRAIC	Hands on Training (UVVIS ,AAS,FTIR,HPLC, GCMS)	Supriya Pandit, Pradnya Jadhav	28290	2
PSRAIC	Workshop on GCMS	MSc I and II	25230	11
PSRAIC	Workshop on HPLC, GCMS and FTIR	T Y B Sc	17625	5
PSRAIC	Workshop	T Y B Voc	27700	16
PSRAIC	Demo on FTIR	Patkar College	4484	19
PSRAIC	Workshop	Xaviers College	35200	32

	(FTIR,GCMS, HPTLC, HPLC,AAS)			
PSRAIC	Hands on Training on GCMS ,HPLC and FTIR	MSc I and II	25956	7
View File				

3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Volunteering (Training For Suicide Prevention Helpline)	Samaritans (NGO), Mumbai	1	40
'Walkathon' (World Mental Health day)	Samaritans (NGO), Mumbai	1	20
Computer Teaching Programme to municipal school children	Citizens Association for Child Rights, Santacruz, Mumbai, (MCGM Education Department, Mumbai)	1	3
Yoga Day (TTM)	Govt.Of India, Ministry of Tourism and Culture	1	40
YuvaSanvad (Marathi)	Dept. of Marathi with Ruia Cell for Gender Sensitization and Equality and NGO MAVA	1	25
Sambhav Film Festival (Marathi)	Dept. of Marathi with Ruia Cell for Gender Sensitization and Equality and NGO MAVA	1	25
Street Play for Cleanliness awareness (Antispitting Campaign)	Department of Microbiology (Swachh Bharat)	1	11
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
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Creation of Terminology Encyclopedia of Logic and Philosophy - A project by Bhasha Sanchalanaalay, Govt. of Maharashtra	Dr. Himani Chaukar, Assistant Professor in Philosophy, Selected as a member of the committee for preparing the Terminology Encyclopedia of Logic and Philosophy	Govt. of Maharashtra	1500
Workshop and training session on mental health, emotional literacy and wellbeing	Dr. Himani Chaukar, Assistant Professor in Philosophy, Selected as a trainer for Indian Army	Govt. of India	4000
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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
MAVA	Dept. of Marathi with Ruia Cell for Gender Sensitization and Equality and NGO MAVA	YuvaSanvad	1	25
MAVA	Dept. of Marathi with Ruia Cell for Gender Sensitization and Equality and NGO MAVA	Sambhav Film Festival	1	25
Samaritans (NGO), Mumbai	Samaritans (NGO), Mumbai	Walkathon	1	20
Guest Lecture	NCC	Gender sensitization	2	28
KEM Hospital	NCC, NSS, Alumni Association	Blood Donation	7	250
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3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Campus Pennsylvania Program	24	Self funded	10

International" Summer Undergraduate Research Institute (iSURI)	2	Self funded	56
Indiana University of Pennsylvania Summer Program	16	Self funded	25
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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship	Three months Internship	Bhabha Atomic Research Centre	15/05/2018	03/08/2018	1
Internship	Three months Internship	Envirocare Labs Pvt. Ltd.	14/05/2018	07/08/2018	1
Internship	Three months Internship	Lupin Ltd. (Biotechnology Division) Pune.	14/05/2018	13/07/2018	1
Internship	Three months Internship	Accutest Research Laboratories (I) Pvt. Ltd.	05/05/2018	03/08/2018	1
Internship	Three months Internship	Envirocare Labs Pvt. Ltd.	08/05/2018	04/08/2018	1
Internship	Three months Internship	Bhabha Atomic Research Centre	23/05/2018	04/08/2018	1
Internship	Three months Internship	Chemo test Laboratory	07/05/2018	04/08/2018	2
Internship	Three months Internship	Doctor's Analytical Laboratories Pvt. Ltd.	17/05/2018	04/08/2018	3
Internship	Three months Internship	Bhabha Atomic Research Centre	21/05/2018	21/08/2018	1

Internship	Three months Internship	Wockhardt Research Centre, Aurangabad	21/05/2018	17/08/2018	1
Internship	Three months Internship	Glow Pharma Pvt. Ltd.	02/06/2018	14/08/2018	1
Internship	Three months Internship	HiMedia Laboratories Pvt. Ltd.	28/05/2018	04/08/2018	1
Internship	Three months Internship	Bhabha Atomic Research Centre	05/05/2018	03/08/2018	1
Internship	Three months Internship	Aarti Industries Pvt. Ltd.	05/05/2018	05/07/2018	1
Internship	Three months Internship	Paralab Pvt. Ltd.	18/05/2018	16/06/2018	1
Internship	Three months Internship	Anant Pharmaceuticals Pvt. Ltd.	18/06/2018	10/08/2018	1
Internship	Three months Internship	Envirocare Labs Pvt. Ltd.	07/05/2018	04/08/2018	1
Internship	Three months Internship	Chemo test Laboratory	27/06/2018	14/08/2018	1
Internship	Three months Internship	Shimadzu Analytical (I) Pvt. Ltd.	14/05/2018	14/08/2018	1
Internship	Three months Internship	Central Drugs Testing Laboratory	07/05/2018	03/08/2018	1
Research Internship	Summer training Program	NIRRH, Mumbai	23/04/2018	23/07/2018	1
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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Indiana University of Pennsylvania	23/04/2019	to increase their cooperation in faculty research, education and student and faculty exchange.	100
Roundglass	12/04/2019	Mentoring	486

wellbeing private ltd			
Divaswapna Technology Pvt Ltd	15/12/2018	To develop soft skills of students and make them employable	200
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
100	93.97

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Classrooms with Wi-Fi OR LAN	Existing

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
SLIM (Software for Library Management)	Fully	Latest version (2019)	1996

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	40418	2521719	82	12577	40500	2534296
Reference Books	95867	1561143	694	567913	96561	2129056
e-Books	0	0	0	0	0	0
Journals	87	165164	87	118214	174	283378
CD & Video	0	0	0	0	0	0
Digital Database	0	0	0	0	0	0
Weeding (hard & soft)	0	0	0	0	0	0

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Saeed Joshi	Topology	UGC SWAYAM MOOC	15/07/2019
Mahavir Advaya	Dot Net Technologies, Cloud Computing	Ruia College Moodle Server www.ruiacollege.org	20/11/2018

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MGBPS)	Others
Existing	389	12	199	1	1	38	309	0	42
Added	0	0	0	0	0	0	0	0	0
Total	389	12	199	1	1	38	309	0	42

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

50 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Nil	Nil

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
125	143	100	99.5

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

The college ensures implementation and review of plans, policies and procedures through its well designed organisation structure which includes Principal, Vice principals, Deans, IQAC and all non -Departmental committees and associations. A Compendium is prepared by IQAC which lists out the rules and the roles of Associations / Committees / Cells constituted in the College. Quality Manual and Quality Policy are drafted to ensure highest standards of excellence in all spheres of its activity. Quality Management system is followed by internal audits, systematic feedback system. Academic: Faculty undergoes need based training programmes to ensure continuous improvement in their competencies. Departmental annual plans laying down activities, certificate courses, seminars, industrial visits and training for students, are submitted at the

beginning of the academic year to IQAC. Syllabus, Minutes of the Board of studies meeting, are all submitted after each departments' Board of studies meeting in each term. Departmental internal and external audits are conducted to ensure quality in teaching -learning. Induction programme for orientation of newly recruited staff as per UGC guidelines is conducted. Research: Under Autonomy ,most of the departments have incorporated research component in their UG Curriculum. Adequate laboratories and instrumentation facilities are made available to the students and faculty for regular curricular requirements, training needs and research. Research Committee invites application from departments for their research proposals under various grants. Common notice for PhD applications for all departments is put up . Laboratory: Each department maintains a stock register for the laboratory requirements. Materials purchase registers and stock registers are maintained at the department level. Inspection and stock verification is carried out at the end of each year. Laboratory wastes is segregated in to wet, dry and broken glasswares and is disposed separately. Biomedicals wates from laboratories are collected in different coloured bags and is disposed through an NGO Enviroclave. Library: The library is segregated into open book shelf, journal section, issuing sections, reference section, two reading halls and rarebook section. Departments are allotted funds as per different schemes/grants to order new books/journals each year. Students and faculty are given library cards. Departmental library including departmental registers are maintained by the respective departments. 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). Infrastructure Maintenance: Upkeep of equipments, water purifiers, air conditioners is carried out through Annual Maintenance Contracts. Training is provided to support staff in handling of equipments and use of computers.Outsource agency is hired for cleanliness, hygiene and maintenance of infrastructure, gymnasium, classrooms and toilets. Sports: Respective coaches for various sports including Badminton,Boxing, Gymnastics,Chocho, Shooting etc. are responsible for maintenance of sports facilities. A gardener is appointed for maintenance of garden areas. Information Dissemination System The college uses teachers googlegroups, studentsgoogle groups, well updated college website, notice boards, LCD notices, group sms system to disseminate information. Safety Audits are conducted periodically in Labs and college classrooms, corridors, open areas to ensure safe environment. Surveillance Cameras are installed in the campus for observation.

https://www.ruiacollege.edu/uploaded_files/Policies_for_maintaining_and_utilizing_physical_academic_and_support_facilities.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Each one adopt one, Help The Blind Foundation	31	24000
Financial Support from Other Sources			
a) National	Nil	0	0
b)International	Smt. Balasaraswaty Krishnan (SBK) award, Netravali Fellowship	2	50000

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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Workshop on Life Skills Education	17/01/2019	14	Self Vision Centre, Ruia College
Workshop on Life Skills Education for students with visual impairment	18/01/2019	8	Self Vision Centre, Ruia College
Training for English Speaking	30/06/2018	15	Self Vision Centre, Ruia College
Training for Mathematics and Reasoning	30/06/2018	15	Self Vision Centre, Ruia College
Training for Learning to use Braille Me Device	14/01/2019	16	Self Vision Centre, Ruia College
Computer Training	14/01/2019	16	Self Vision Centre, Ruia College
Annual Departmental fest (Louis Braille Day)	16/01/2019	16	Self Vision Centre, Ruia College
Art of living meditation	24/07/2018	92	Centre for Mindfulness
Jaina Technique of Meditation	24/07/2018	92	Centre for Mindfulness
Emotional Literacy and Relationship	02/07/2018	56	Centre for Mindfulness

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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	IITJAAM	2	2	2	2

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Vedic Lifesciences Shimadzu Analytical India, Deloitte India, Capgemini, Rubicon, Envirocare, TCS, Johnson Johnson Private Limited, Anchrom Enterprises, Veenava world, Aries Agro, CIPLA, IKS health care, BASF, Drip Capital Services India, Lupin Pvt Ltd,	204	96	K.J.Somaiya College, SIES college, Khandelwal laboratories, Ukay Remedies Pvt Ltd., Kanakia development, Bhandodkar College	50	6
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2019	2	BSc	Computer Science	National University of Ireland Maynooth	Msc in Data Science and Analytic
2019	1	MSc	Computer Science	Eller College of Management - University of Arizona, USA	MIS
2019	15	BA	Political Science	Department of Civics and Politics, university of Mumbai	MA
2019	18	BA	Philosophy	Philosophy	MA

				dept, university of Mumbai	
2019	1	BSc	Microbiology	SNDT University, Mumbai	MSc in Food Nutrition
2019	1	BSc	Microbiology	Centre For Human Genetics	MSc in Human Disease Genetics
2019	1	BSc	Microbiology	MSU Baroda	MSc in Biochemistry
2019	1	BSc	Microbiology	St Xaviers College, Mumbai	MSc in Microbiology
2019	1	BSc	Microbiology	St Xaviers College, Mumbai	MSc in Life Sciences
2019	1	BSc	Microbiology	IBAB, Bangalore	MSc in Bioin formatics
2019	1	BSc	Microbiology	KIIT	MSc in Biote chnology
2019	1	BSc	Microbiology	Government law college, Mumbai	Bachelors in law
2019	1	BSc	Microbiology	NMIMS, Mumbai	MSc in Biological Sciences
2019	1	BSc	Microbiology	IBAB, Bangalore	MSc in Bioin formatics
2019	1	BSc	Microbiology	Centre For Human Genetics	MSc in Human Disease Genetics
2019	1	BSc	Microbiology	IBAB, Bangalore	MSc in Bioin formatics
2019	1	BSc	Microbiology	Ruia College	MSc in Biote chnology
2019	1	BSc	Microbiology	Guwahati University	MSc in Microbiology
2019	1	BSc	Microbiology	Centre For Human Genetics	MSc in Human Disease Genetics
2019	1	BSc	Microbiology	NMIMS, Mumbai	MSc in Biological Sciences
2019	1	BSc	Microbiology	SIES College	MSc in Microbiology
2019	1	BSc	Microbiology	NMIMS, Mumbai	MSc in Biological Sciences

2019	1	BSc	Microbiology	NMIMS, Mumbai	MSc in Biological Sciences
2019	1	BSc	Microbiology	Birla College	MSc in Microbiology
2019	11	BA	Sanskrit	University of Mumbai & Savitribai Phule University	MA Sanskrit
2019	3	BSc	Chemistry	ICT	MSc
2019	1	BSc	Chemistry	Mahalaxmi Homeopathic Medical College	BHMS
2019	1	BSc	Chemistry	SIES college of Packaging	Post graduation diploma in packaging science technology in school of packaging
2019	1	BSc	Chemistry	TATA memorial Hospital	MSc Nuclear medicine and molecular imaging technology
2019	1	BSc	Chemistry	Somaiya College	BEd
2019	9	BSc	Chemistry	Ramnarain Ruia Autonomous College	MSc
2019	1	BSc	Chemistry	Dr. BMN College of home science	PG diploma in sports nutrition
2019	1	BSc	Chemistry	National Institute of Technology	MSc
2019	2	BSc	Chemistry	Institute of Science	MSc
2019	1	BSc	Chemistry	Northeastern University	MS Pharmaceu tical Sciences
2019	1	BSc	Bioanalytica l Sciences	Lala Lajpat Rai University of Veterinary and Animal Sciences,	B.V.Sc & A.H

				Hisar	
2019	28	BSc	Bioanalytical Sciences	Ramnarain Ruia Autonomous College	Integrated M.Sc in Bioanalytical Sciences
2019	20	BSc	Biotechnology	St. Xaviers college, Mumbai MSU Baroda Indianna University of Pennsylvania, USA Ramnarain Ruia Autonomous College Mithibai College University of Mumbai SIES college SIES, Nerul somaiya Nirmala College, Gujrat finland MGM institute, Vashi	MSc Biotechnology MSc Biotechnology, Msc microbiology MS Cell and Molecular Biology Msc Biotechnology Msc Biotechnology Msc Biotechnology MSC biotechnology MBA Biotechnology Msc Bioechnology Msc biotechnology MS Biotechnology MSc Biotechnology
2019	13	BSc	Botany	Ramnarain Ruia College University of Pune FRI Dehrdun M BA	MSc Botany
2019	23	BSc	Biochemistry	Ramnarain Ruia Autonomous college Banaras Hindu University M.S.U., Baroda Guru Nanak Khalsa College, Mumbai S.I.E.S, Sion KEM Hospital, Mumbai Symbiosis, Pune Nirmala Niketan College, Mumbai	M.Sc. Biochemistry

				Somaiya College Institute of Science, Mumbai	
2019	24	BA	Psychology	Mumbai University ,S.N.D.T. University, I.I.T. Gandhi Nagar	M.A Psychology , M.Sc. Cognitive Science
2019	37	BSc	Statistics	NMIMS, Univ of Mumbai,Xavier's College, KC college,	MSC (Statistics), M.Sc. (applied Statistics), M.Sc. (Big Data Analytics)
2019	10	BA	English	students at university of mumbai	MA
2019	2	BA	English	students at SNDT Women's university Mumbai	MA
2019	1	BA	English	student at Symbiosis Pune	MA
2019	9	BSc	Computer Science	Ramnarain Ruia Autonomous College	MSc Computer Science
2019	1	BSc	Computer Science	National Institute of Technology, Raipur	MCA
2019	1	BSc	Computer Science	university of New Mexico (college of engineering) , Mexico	MS in computer science
2019	2	BSc	Computer Science	St. Xaviers, Mumbai	Big Data Analytics
2019	1	BSc	Computer Science	SIES, NERUL	MCA
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	8

SLET	2
GATE	2
CAT	1
GRE	1
Any Other	6
View File	

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Monsoon Sports	College	200
MehfileMauj	College	125
Utsav Aarohan	College	2000
Sparsh	College	30
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Lawn Tennis	International	1	0	0	Vishwajeet Sangle
2018	Elocution, Singing and paper presentation	International	3	0	0	Riddhi Joshi
2018	Khelo India youth Games 18-19 at under 21 age group.	National	1	0	0	Aditi Dandekar
2018	International Symposium for High-Performance Thin-Layer Chromatography (HPTLC ASIA 2018)	International	1	0	0	Yugandhara Patil
2018	Swimming	International	1	0	0	Aarati Patil
2018	Swimming	International	1	0	0	Jyoti Patil

2018	Gymnastics	National	1	0	0	Radhika Dharap
2018	Paper presentation	National	1	0	0	Arnav Deshpande
2018	Paper presentation	International	1	0	0	Reena Mascarenhas
2018	Paper presentation	National	1	0	0	Abhishek Raje

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The Ruia Students' Council, is the students' council of this prestigious institution, which this year completes 82 years of not just existence, but also of excellence. o Ruia Students' Council volunteers helped the college authorities in conducting the First year admission processes smoothly. o An antirragging squad was also formed on the lines of guidelines by the university and UGC. In order to create a pool of talented artists to participate and perform at various intercollegiate competitions all around Mumbai, RSC organized a talent hunt called "TalashETalent" in the month of July 2018. Students were selected for the Intercollegiate competitions such as Malhar, Umang and Mumbai University Youth Festival etc. o As our tradition goes Independence Day was patriotically celebrated on 15th August. The flag hoisting was followed by the prize distribution ceremony. o As heavy floods struck Kerala, taking active social responsibility RSC Volunteers in association with Ruia NSS and NCC units held a Flood Relief Material Collection Drive wherein washed, folded, good clothes, cartons, gloves, medicines, sanitary napkins, torches, food items etc. were meticulously collected and donated with proper care. (18th-20th August 2018) o Monsoon Sports was conducted on 31st August-1st September 2018 with numerous indoor and outdoor games like - Table Tennis, Chess, Badminton, Foot Volleyball, Box Cricket, Rink Football, Tug of war and Cricket for Visually challenged individuals. o We celebrated Teachers' Day on 5th September, 2018 remembering Dr. Sarvepalli Radhakrishnan for his contribution in the field of education by organizing entertainment programs for the teachers along with distribution of handmade cards made by students for every teacher. o Dr. B. R. Ambedkar's Death Anniversary was observed in the presence of Social Activist Mr. Sunil Kadam on 6th Dec. 2018 and Kadam sir has delivered lecture on "Dr. B. R. Ambedkar's Contribution in the Making of India". Students and teachers paid tribute to Dr. B. R. Ambedkar. o The volunteers of Ruia Students' Council had also organized a Blood Donation drive on 7th December 2018 in collaboration with HDFC bank and KEM Hospital which received tremendous response from students and teachers alike. o The Students' Council has organized a oneday carnival "MehfileMauj" on the 8th of December 2018 to promote the quality of entrepreneurship within the students by providing them with the necessary infrastructure and encouraging their start up ideas. o Literary Art team of RSC had organized 'VOXPOPULI' Voice of the academicians to people on 19th December where we had invited social leaders and carried out a panel discussion on the topic 'Modern Science and Society'. Renowned actor Sumit Raghavan was interviewed by Ms. Anagha Modak in which he shared his journey and experiences of film industry. o The cultural competitions of Utsav Aarohan began on 20th of December going on for 3 days in various venues all throughout the college. We introduced a new pointing system this year which helped in the proper documentation and monitoring of the various events. Students are members of Students council, IQAC, Library, Grievance redressal Cell, Antirragging Committee, Gender sensitisation cell

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

Registered in June 2018 as a nonprofit company under Section 7 of the Company Act of 2013, with the registration number U774999MH 2018 NPL 311030. The organisation was established in 1963 and has been working for the last 55 years. It has helped the Alma Mater in building the infrastructure facilities for the students like renovation of lecture halls, assistance to the self vision centre, donation to install a new lift in the building, fabrication of a biogas plant and the rainwater harvesting system. It started felicitating the prominent alumni with the title of Jewel of Ruia ten years back. It also felicitates its promising young alumni who will blaze the trail with the Rising Star award. It holds an annual health check up camp for its students and the teaching and the nonteaching staff for a decade now. It also helps various departments of the college by arranging lectures by prominent alumni or by persons who have high degree expertise in their chosen field. RCAA works through a Managing Committee of 25 members out of which 17 are elected members 2 are coopted and the remaining are from the college by default. The default members from the Institute include Principal, Vice Principal, Students' Council In Charge and two teacher representatives. The office bearers include the President, two vice Presidents, Secretary, Jt. Secretary, Treasurer and Immediate Past President. The tenure of the MC is for two years. Activities of the Association include: Medical camp for students, nonteaching and teaching staff members, Jewel of Ruia, Renovation of Lecture halls, donation to self vision centre, installation of new elevator, biogas plant, rain water harvesting system and has conducted several fund raising programmes.

5.4.2 – No. of registered Alumni:

2200

5.4.3 – Alumni contribution during the year (in Rupees) :

10000000

5.4.4 – Meetings/activities organized by Alumni Association :

1. Lecture series
2. Medical camp for students and support staff
3. Jewel of Ruia and Rising star awards function
4. Alumni meet
5. Infrastructure development

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The College makes conscious and systematic efforts to help percolate decision making power to the lower levels of the institutional hierarchy. • In order to decentralize administration, there are 51 needbased administrative committees formed by the College administration, with faculty members being given the powers of decision making. • The meetings of the Heads of Departments with the Principal, Common Room meetings of teaching and support staff, committee meetings, IQAC meetings result in vertical reporting to the Principal and also horizontal reporting to colleagues. • All Departments and committees independently prepare annual plans comprising of academic and cocurricular activities and programs in the beginning of the year which are communicated by the Heads of Departments to the Principal and IQAC. • These practices lead to collaboration of various job roles and responsibilities of the staff.

Departments are given functional autonomy. Decentralization has resulted in improved participation of the faculty as well as greater transparency and accountability. • Deans -Two Deans viz. Dean for Academic Research and Dean for Research are appointed on seniority basis mainly to assist in administration in academic and research related matters respectively. • All Deans, Heads of departments, committee in charges as well as support staff are involved to prepare, coordinate, supervise and evaluate plans and manage college resources keeping pace with the vision and mission of the college.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>• Library has a Reading Hall , periodicals Section, a special OPAC room for students. The college has ICT enabled classrooms and laboratories, smart boards that help in interactive learning. The college has a sophisticated instrumentation centre for hands on exposure to modern methodologies. All laboratories are well equipped adequately for enhancing laboratory skills of the learners. The Language lab and e learning centre along with updated softwares helps students to explore different modes of learning. Learning tools for visually challenged students in the Self Vision Centre enable the students to align with the mainstream counterparts. Facilities viz. ramp, lifts and modified toilets are built in order to facilitate the movements of Divyang students.</p>
<p>Human Resource Management</p>	<p>In order to improve quality of human resource available at the Institution, the following initiatives have been taken: • Granting of special leave for faculty exchange programs • Workshops on improving teaching skills organized by IQAC for faculty • Appointment of Faculty as coordinators/ members on College committees to encourage participation in decision making • Performance appraisal of faculty for filling performance gaps and planning FDPs. • Training programs for support staff to accelerate their performance. • Starting of Credit Society for Nonteaching staff members in College. • Providing need based educational aid every year towards of nonteaching staff • Providing admission in the College to</p>

the wards of teaching and nonteaching staff. • Organisation of medical camp through the Ruia College Alumni Association every year for the students as well as nonteaching staff • Conducting Induction Program for newly recruited teachers .

Industry Interaction / Collaboration

The College ensures quality interaction with Industries by the following means:

- MoU between the Institute and industries for academic linkages and research activities.
- Professional consultancy by the faculty to industries
- Exposure of industrial environment and procedures to students through industrial visits .
- Joint research programs and field studies by faculty and experts from industries
- Visits of faculty to industry for discussions or delivering lectures on subjects of mutual interest
- Visits of industry executives and practicing professionals to the Institute for overseeing research work and laboratories, discussions and delivering lectures on industrial practices, trends and experiences
- Workshops, conferences and symposia with joint participation of the faculty and industries
- Participation of experts from industry in curriculum development
- BSc and MSc projects/dissertation work in industries under joint guidance of the faculty and experts from industry/other institutions
- Internships for students in industries
- Student exchange program, RUIA IUP, French Department
- Appointing experts from industries as Visiting faculty

Admission of Students

Online admissions and fees payment

Curriculum Development

Each Department has a Board of Studies comprising of faculty members in the Department and experts invited from industry, research centres from outside. The board develops the curriculum once every semester. The faculties understand the requirements of employers and research institutes and incorporate the required skill components. Also, the syllabi are categorically compared with the syllabi prescribed by UGC and that of reputed National Universities and Universities abroad. Feedback is taken from the stakeholders, namely students, alumni, industry and parents . The necessary

modifications are made in the curriculum based on the feedback. Certificate courses have been designed on completion of which, the students get additional credits.

Teaching and Learning

Following initiatives have been implemented by the College to improve the quality of teaching and learning:

- Collaborative learning workshop was conducted, different methodologies were introduced and they were implemented in different classes
- Adoption of POGIL
- Inviting renowned speakers for Guest Lectures and Memorial lectures
- Involvement in curriculum development at Mumbai University through faculty members who are members of Board of Studies
- Training for Moodle based Learning Management System
- Mentoring program for students
- Teachers' Diary for keeping records of teaching plans and lectures taken
- Implementation of Project Based Learning
- Organization of workshops on Curriculum Design and Curriculum Development
- Conducting Academic Audit by internal and external agencies
- Obtaining feedback from Students on the teaching learning and institutional facilities

Examination and Evaluation

Workshops were conducted for teachers on Rubrics, Blooms taxonomy, question paper analysis. The Scheme of Examinations mandates separate passing in both internal assessment carrying 40 marks and semester end assessment to add value and improve the effectiveness of assessment, as well as bring a systematic and disciplined approach in learning. Blooms taxonomy are applied while preparing question papers, facilitating more application based and analytical questions, thereby improving cognitive skills and performance standards of learners. Rubric for assignments are set for assessing and scoring the assignments. Model answers for question papers are prepared in order to ensure the uniformity in assessment of answer papers. Results are analysed meticulously by the departments and the administration as well. The grievance, if any, are addressed by the Redressal Cell within the stipulated period.

Research and Development

The College has initiated the following to augment the quality of RD at the Institution:

- Institution has Research

Advisory Committee with external experts as members • Signing of MoUs with various agencies • Promoting industryacademia linkage for more applicative research • Obtaining patents for protection of intellectual property • Obtaining research Funding from governmental agencies like the UGC, DBT, DST, AYUSH, NMPB and University of Mumbai • Promoting Interdepartmental and interdisciplinary research projects • Initiating research on urban slums through the Centre for Slum Studies • Initiating research at undergraduate levels through DBT's STAR programs • Set up smart laboratories

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
Finance and Accounts	'Tally' software is used for accounting and financing purposes. PFMS system is also being used in uploading expenses under RUSA.
Student Admission and Support	College website is updated with all the notices regarding the admissions, examinations, results and students' activities. Students' google groups are created class wise and updates are communicated. Group SMS facility is used for students.
Examination	Exam notices and timetables are displayed on the website. On screen marking system is used for PG answer paper evaluation. MIS system is used for result compilation.
Planning and Development	All documentation regarding Action plan, academic calendar, various committees, Self appraisal forms, feedback, academic audits is done using ICT and is routed through IQAC.
Administration	MIS system in office (CCMS)

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Vaibhavi Palsule	International conference on IndiaVietnam relations through the prism of	Sri Venkateshwara University Tirupati	1000

		Gandhian and Ho Chi Minh Philosophies, Sri Venkateshwara University Tirupati		
2019	Madhura Bane	International conference on IndiaVietnam relations through the prism of Gandhian and Ho Chi Minh Philosophies, Sri Venkateshwara University Tirupati	Sri Venkateshwara University Tirupati	1000
2019	Manasi Misal	International conference on IndiaVietnam relations through the prism of Gandhian and Ho Chi Minh Philosophies, Sri Venkateshwara University Tirupati	Sri Venkateshwara University Tirupati	1000
2019	Dr. Jessy Pius	National conference on "Student satisfaction Survey' , DG Vaze College, Mulund	DG Vaze College, Mulund	1000
2019	Ms. Sucheta Ketkar	Evidence based Science Policy Making, New Delhi	British Council and IISER, Pune	15000
2018	Dr Kanchan Chitnis	'National Hands on Training Workshop on Innovative Experiments in Biological Sciences for College Teachers', TIFR, Mumbai	TIFR, Mumbai	2000
2019	Dr. Kamini Donde	Data Validation and	V.G.Vaze College	1000

		Verification Process" and "Revised Accreditation Process SelfStudy Report" , V.G.Vaze College		
2018	Savitri Govindan	TROP ICSU Workshop for Mathematics and Statistics Teachers, IISER, Pune	IISER, Pune	1200
2018	Saeed Joshi	TROP ICSU Workshop for Mathematics and Statistics Teachers, IISER, Pune	IISER, Pune	1200
2018	Asha Kamat	TROP ICSU Workshop for Mathematics and Statistics Teachers, IISER, Pune	IISER, Pune	1200
2018	Nitin Potdar	TROP ICSU Workshop for Mathematics and Statistics Teachers, IISER, Pune	IISER, Pune	1200
2018	Aruna Ganu	TROP ICSU Workshop for Mathematics and Statistics Teachers, IISER, Pune	IISER, Pune	1200

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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Two Day outbound workshop on 'Emotional		13/11/2018	14/11/2018	29	0

	Intelligence@ Campus', Rambhau Mhalgi Prabodhini, Bhayander, Thane					
2018	Why Should we critically reflect on Laboratory Education at undergraduate level'		12/07/2019	12/07/2019	39	0
2019	'Understanding the Revised NAAC Assessment and Accreditation Framework'	'Understanding the Revised NAAC Assessment and Accreditation Framework'	02/02/2019	02/02/2019	83	4
2019	Workshop on Moodle		08/01/2019	09/01/2019	20	0
2019	Creative Thinking		24/01/2019	24/01/2019	10	0
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Faculty Development Program	1	03/12/2018	09/12/2018	7
Refresher course in Information and communication technology	1	24/09/2018	13/10/2018	21
Refresher Course in Research Methodology in Social Sciences	1	10/10/2018	03/11/2018	21
Refresher Course in Design and development of	1	21/01/2019	10/02/2019	21

MOOC				
Short term Course in cooperative learning1	1	14/12/2018	21/12/2018	6
Refresher Course on 'Comparative Indian literature: All Languages'	1	01/09/2018	24/09/2018	21
Refresher Course in Hindi on Chayavad ke 100 varsh	1	12/11/2018	05/12/2018	21
Short term course in hindi on samkalin sahitya evam media vimarsh	1	03/01/2018	08/01/2018	6

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	0	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Credit society	Credit Society	Freeship, Scholarship, Each one adopt one scheme, Earn while learn

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

College conducts Financial audits every year. Internal auditor and external auditor(Statutory auditor) is appointed by the management. Scope of work of internal auditor is checking of cash book, bank book, accounts and reporting/ suggesting means for any discrepancy. Internal audit is conducted twice /year for the Ist 6 months between April September and second term between October March. Upon submission of the report by the internal auditor, statutory auditor conducts the audit and report of the same is sent to the management .The suggestion given by both the auditors are implemented by the college

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
STAR COLLEGE GRANT, NEW STAR COLLEGE DEPT.OF BIOTECH Capital Grant, DST INSPIRE AWARD AND RES.GRANT MICRO BIOLOGY,	32959000	To improve the facilities in the college like Infrastructure, instruments

DST SERB GRANT, RUSA
Grant

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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No		Yes	College
Administrative	No		No	

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1. Feedback on curriculum 2. Feedback on support system 3. ParentsTeacher meeting at the beginning of year

6.5.3 – Development programmes for support staff (at least three)

1. Lab Safety Workshop 2. Two administrative staff attended seminar on 7th Pay Fixation at Swami Vivekanand College. 3. A workshop on DCPS 'Defined Contribution of Pension Scheme' from 11th October to 13th October 2018.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. Expansion of skill development activities for students 2. Expansion of national and international collaborations. 3. Establishment and initiation of activities unde Ruia Centre for Innovation, Incubation and Entrepreneurship

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Workshop on Understanding Revised NAAC Framework	02/02/2019	02/02/2019	02/02/2019	87
2018	Induction programmes for newly appointed staff	20/08/2018	20/08/2018	21/08/2018	38
2018	workshop on Why Should we critically	12/07/2018	12/07/2018	12/07/2018	39

	reflect on Laboratory Education at undergraduate level'				
2018	Moodle and its effective use in Teaching and Learning	08/03/2019	08/03/2019	09/03/2019	32
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Consent in Relationships	23/10/2019	23/10/2019	1	2
Discussion forum: Dear Zindagi	08/01/2019	08/01/2019	66	38
Menstrual health and hygiene training session	16/02/2019	16/02/2019	4	4

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
<p>Solar panels have been installed in college campus. Composting (waste collection, Segregation, Packing and selling): Compost made from canteen waste, garden waste, dried leaves in the campus of the college was segregated, packed and sold by NSS volunteers to the college students and staff members by setting up a desk in college premises. Rain water harvesting system was installed in the college premises in June 2017. It was funded by Ruia College Alumni Association and installed by Varsha Sookt Consultants. The water that was harvested was pumped underground to replenish the ground water supply. Biogas Plant Set up and managed by students: Maintenance of Biogas plant is done by Chemistry dept – (NCE students) and Green House Management students. Everyday canteen waste is fed to the plant by different groups of students of these departments.</p>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	62
Provision for lift	Yes	62
Ramp/Rails	Yes	62

Braille Software/facilities	Yes	60
Rest Rooms	Yes	62
Scribes for examination	Yes	16
Special skill development for differently abled students	Yes	16
Any other similar facility	Yes	16

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	04/07/2018	1	Street Play	Environment conservation	9
2018	1	1	24/09/2018	1	Street Play	Railways Swachhata	12
2018	1	1	22/09/2018	1	Street Play	Voter's awareness	12
2018	1	1	19/09/2018	4	Street Play	Swachha Bharat Abhiyan in various ganpati mandals	12
2018	1	1	17/08/2018	1	Blood Donation Camp	Refilling of blood banks in the city	100
2018	1	1	17/09/2018	1	Traffic Control Duty at Dadar TT	Controlling the crowd and vehicle traffic at Dadar TT and Maheshwari Udyan Circle	29
2018	1	1	19/09/2018	1	Traffic Control Duty at Dadar TT	Controlling the crowd and vehicle traffic at Dadar	32

						TT and Ma heshwari Udyan Circle	
2018	1	1	23/09/2018	1	Traffic Control Duty at Dadar TT	Controlling the crowd and vehicle traffic at Dadar TT and Ma heshwari Udyan Circle	38
2018	1	1	05/09/2018	1	Blood Donation Drive	Refilling of blood banks in the city	107

7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
UGC Code of conduct	30/06/2018	Students and staff members of the college are briefed about the code of conduct by the Principal. The Code of Conduct is also uploaded on the College Website. The student's grievance redressal cell and a staff grievance redressal cell addresses the grievances faced by Staff and Students according the guidelines laid by this regulation. Internal Complains Committee is formed for addressing sexual harassment at workplace. Anti Ragging squads is vigilant about any untoward incidence in the campus.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Independence day celebration	15/08/2018	15/08/2018	226
A two day residential workshop on Emotional Intelligence at Ram bhauMhalgiPrabodhini, Uttan, Bhayander	26/11/2018	27/11/2018	29

Republic Day Celebration	26/01/2019	26/01/2019	226
Aarohan	19/12/2018	22/12/2018	776
Kargil Day	26/07/2018	26/07/2018	41
Donation drive for Flood Relief	18/08/2018	20/08/2018	600
Ekta Diwas	31/10/2018	31/10/2018	55
Constitutional Day	26/11/2018	26/11/2018	58
NCC day	11/02/2019	11/02/2019	82

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. October 2018, Clean India Movement (Swacch Bharat Abhiyan) This movement is nationwide movement with a motto to make India a "clean and dirt free" nation. On this occasion, Ruia NCC boys Cadets did the clean ship of the nearby college areas, Ashok Tulpule Chowk, under Nanalal D. Mehta flyover and Five Gardens as well. Also, the message of importance of cleanliness was given to the society was given. 2. July 5, 2018: Tree Plantation at Dadar Police Line , August 13, 2018: Tree plantation at Campsite Panvel We know how trees are important of our existence so with the concept of 1 person 1 sapling we went for tree plantation drive at Kewale Village Panvel. Participants: Male: 17 Female: 53. 3. November 20, 2018 : E waste collection The Environmental Awareness Committee of Ramnarain Ruia Autonomous College gave the following E Waste to EIncarnation Recycling Pvt. Ltd. for recycling. 4. January 20, 2019: Trek to Karnala Fort Ruia environmental awareness committee along with Ruia Science association organised a trek to Karnala fort to celebrate International mountain day on 20th January, 2019. Total 49 students along with 4 faculty members have participated in a trek followed by a visit to Karnala bird sanctuary. 5. April 2019: collection of broken glasswares Containers are kept in chemistry and Biological sciences Labs for the collection of broken glasswares. On 18th April 2019 the broken glass waste and paper waste were given to NGO, Stree Mukti Sangathana for recycling. 6. July 6, 2018: Nail free tree is pain free tree For display of advertisement, humans without thinking for a minute they prick trees with nails. Small prick on our hands hurts so much think of plants how they must be feeling when huge nails are pricked on them, why we always forget that even trees are living. So we conducted this activity where we removed the nails on trees near college premises. 5 male and 5 female volunteer took part in this event. Participants: Male: 05 Female: 05 7. July 7, 2018: Beat the plastic pollution Exchange plastic bag with saplings with the motto of beat the plastic pollution. We carried out activity where plastic bags were collected from students and were exchanged with saplings. Collected bottles were taken by "Vasundhara green club" and 'Angholichigoli" for further recycling of bottles. 8 male and 12 female volunteer took part in this programme. 8. October 23, 2018: Best out of waste (kandil making) Diwali is festival of lights but now a days Diwali is celebrated at the expense of our mother earth so to compensate this problem we came up with activity such as ecofriendly kandil making the kandil was made from used posters, flex, boxes and even bottles. Participants: Male: 07 Female: 10. 9. Performed Street play on various topics 8: July 4, 2018 Streetplay on topic Environmental Conservation, September 19th to 22nd, 2018 NSS volunteers performed street play

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Title of the practice: 1. Entrepreneurship development and skill development activities 'Ruia Cell for Innovation, Incubation and Entrepreneurship' (RCIIE)

Goal: Skill development in the youth of India is one of the flagship initiatives of Government of India. Provide an immersive environment to introduce and familiarize students with a community of successful entrepreneurs, Provide visible examples of success, develop reference experiences for learning, build entrepreneurial confidence Ramnarain Ruia Autonomous College, too, has made conscious efforts towards aligning its objectives of the higher education and training with the national initiatives of skill development in youth. The College has already initiated three skillbased initiatives under the DDUKAUSHAL Kendra BVoc programs in Green House Management, Pharma Analytical sciences and Tourism and Travel Management. These programs have been designed to enhance students' skills for employability, to develop soft skills and specific technical skills so that the students can adapt to the changing circumstances, to foster and nurture their creative competencies. The KAUSHAL Kendra of the College primarily focuses on "Perform, Practice and Perfect" for developing various technical and soft skills. The context: To supplement the efforts in skillbased education the College has established the 'Ruia Cell for Innovation, Incubation and Entrepreneurship' (RCIIE) to encourage enquiry, sustain inquisitiveness, promote innovation, and nurture entrepreneurial skills among the students. Considering that the students at College are pursuing conventional degree course in Arts and Science faculties, the establishment of the Cell is a milestone in the Institution's quest for excellence in teaching in training. The College also has an Intellectual Property Cell which has been sensitizing students about the importance of Intellectual Property. The RCIIE undertakes the planning, coordination and implementation of various programs to meet the objectives of sensitizing students and encouraging entrepreneurial spirit amongst them. The RUSA grant that the College received with special focus on Entrepreneurship Cell and Skill Hub will significantly boost the Institution's efforts in this direction. The practice: Entrepreneurship cell and skill hub The College has setup an Entrepreneurship Cell and Skill Hub with the grants sanctioned under the RashtriyaUchhetarShikshanAbhityaan (RUSA). The activities under this initiative will be targeted mainly to sensitize and encourage the entrepreneurial spirit among the students of Arts and Science faculties. In its initial phase the students will be made more open to think as entrepreneurs and become future employers rather than employment seekers. This can be considered a paradigm shift for the students of the College who are conventionally trained only to completing their academic programs to earn a degree. Evidence of success: The College conducted following activities to sensitize and encourage entrepreneurship spirit amongst its students • Orientation programs for ideation and conceptualization of business plans • Workshops to train students in making business plans and pitching them • One to one mentorship sessions with domain experts • Entrepreneurship based competitions and showcasing platforms for students • Regular induction programs for new entrants and recruiting them to the entrepreneurship circuit 03rd Feb 2019, Ramnarain Ruia Autonomous College has been identified as one of the centres for the digital launch of Entrepreneurship Cell and Skill Hub by the Hon. Prime Minister, ShriNarendraModiji. Various Entrepreneurship Development activities like Entrepreneurship awareness camp, Skill development programme, Expert talks are conducted through Entrepreneurship Development Cell (EAC). Title of the practice: 2. To sensitize the students on human values Goal: Education plays a vital role in the episteme of human existence. It incites a comprehensive approach towards what one would want to demarcate as human being and what are the values this being carries. In the contemporary scenario, when competition takes first position in the overall graph of sustenance as well as higher education, it is important to nourish the values that keep reminding us of our humanness and the significance of being human in the society. Therefore, concomitant to knowledge acquisition there is a need to inculcate human values on the campus. Considering this, Ruia College endeavors to execute various

methods to nurture these human values both through curricula and the ambiance on the campus. The college takes several initiatives to enhance awareness about the same. The aim of these activities is to: To create working and studying environment that promotes respect for human values To sensitize students about the significance of these values To provide students with a suitable ambiance that would inculcate such values Bridge the curricula and the notion of happiness in general Motivate students as well as faculties to endorse the human values through their work, study or way of living. The context: The modern human is beset with many problems the chief among them is the feeling of alienation and rootless. Questions about the meaning of life and one's purpose in this world remain unanswered for a majority of the people. In the absence of correct understanding of one's aim people face problems at the individual level, and at the level of family, society and nature. Ruia college aims at imparting skill sets that help students transforming into rational, responsible and thinking human beings who can take policy decisions for the welfare of masses without harming the coexistence with nature. Various lectures by the experts, workshops in association with NGOs and session focusing on the above mentioned values help students to get sensitized and inculcate them in their real life. The practice: Numerous activities were organized by different departments to achieve the above mentioned goals. Promotion of mental health, happiness and overall wellbeing - Ruia's Centre for mindfulness and Wellbeing In collaboration with Samaritans, Mumbai (an NGO working in the field of suicide prevention) organized two expert sessions and one workshop. Ruia College with Samaritans, Mumbai organized a successful workshop on the 21st July, 2018 on the objective of building sensitivity. The topic for the workshop was 'How to recognize signs for suicide and its prevention methods'. In this global world stress and conflicts have become an indivisible part of students life as well and they affect the overall academic performance of the students. To deal effectively with stress and conflicts, two different meditation techniques were taught to the students. One technique of guided meditation was taught by Ms. Pooja Tidke. She also spoke about the benefits of the technique. Another meditation session on Jaina technique of Meditation was conducted by Mr. Jigesh Seth and Ms. Sangeeta. They explained the students the technique of 'Preksha Dhyani'. • Ruia College not only believes in the importance of inculcation of human values amongst their own students but also helps in promoting these values amongst other sections of the society whenever possible. A workshop on 'Emotional Literacy and relationships' was conducted by Dr. Himani Chaukar from Philosophy department on the 29th July, 2018 for the volunteers of the NGO Maitri Samvad which works for school children in the rural area of Talasari, Maharashtra. • Ruia College understands that in today's world along with academics 'out of box thinking', critical thinking are equally important values for the overall development of students. So two separate sessions were organized On the 23rd and the 24th January, on 'Critical Thinking' and 'Lateral Thinking and Mindfulness'. • Evidence of success: All the above mentioned activities conducted by the college with students initiative and efforts, not only build group cohesiveness and develop a sense of satisfaction amongst students, but also helps students understand and appreciate the value of collective efforts. It also develops and enhances intradepartmental bonds and opens up new opportunities, as well as facilitates knowledge of newer concepts and approaches through group interaction. Sessions by organizations like the Samaritans, highlighted the importance of mental health and that one must seek emotional wellbeing. It was explained that, need for help must be realised and one must seek help from the right person at the right time. At the same time, they appealed to students that it's important that one is empathetic towards the other person and develops listening skills, and such a person, must surely join hands in working towards mental health. Sessions on meditation helped in soothing emotional turmoil, negative thoughts and in helping each individual seek connect to his real self, at least for few

moments. These moments away from one's chaotic life, take one to a different realm. These activities were very much appreciated by the student community and it resulted in many students opting to do volunteering with Samaritas, Mumbai. Mindfulness is living in the moment and not in the past or present unlike the tendency of human mind. It is crucial to ensure efficiency in words, thoughts and actions. Students understood the importance of inculcating these values and insisted that the college should start a formal course in these areas. In response to the demand of students, the college agreed to start a certificate course in 'Critical Thinking' from next academic year

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

https://www.ruiacollege.edu/uploaded_files/Best_practices_2018-19.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Ramnarain Ruia Autonomous College envisions itself to emerge as a Centre of higher learning and innovative research to meet the challenges of a global society and has laid down 'fostering global competence and support career building of students through various courses, workshops, seminars, events, competitions and industrial visits' as one of its mission. The College has always strived to provide best opportunities to the students for their overall development and to broaden their horizons and make them industry ready. The 'Higher Education Academic Partnership' with the Commonwealth of Pennsylvania formed in 2015 has then materialized into a very fruitful collaboration that has given students a vast expanse of exposure to academic avenues in the global scenario. This year 24 students from the College visited eight reputed institutions like Valley Forge Military College, Montgomery County Community College, York College of Pennsylvania, California University of Pennsylvania, Harrisburg University etc. in Pennsylvania this year during which various sessions on Forensics, Security Studies and Public Safety, Psychology of Serial Killers etc. were organized. The College continued with the 3rd RUIAIUP Summer Exploration program conducted from in Indiana University of Pennsylvania, USA. 16 students and 2 staff members were trained in advanced techniques in biotechnology including Stem cell gene expression, Viral proteomics, Nanotechnology, Epigenetics, geospatial technologies etc. Two students participated in the 8 weeks International Summer Undergraduate Research Institute (iSURI) program as Visiting Research Scholars of the West Chester University, USA. To open up new opportunities for nurturing global competence of our students, the college representatives visited Indiana University of Pennsylvania, Harrisburg University and Montgomery County Community College in April 2019 and explored areas for collaborations for research opportunities, student exchange, tie ups for credit transfer, specially designed certificate programs. This visit has materialized in a MoU signed between Ruia College and IUP. Along with these global partnerships, Ruia College has also conducted several workshops in areas like Techniques in Molecular Biology, Analytical Techniques in Genomics and Proteomics, Robotics, Digitalisation in Tourism, Dynamic Website Development using Wordpress PHP, Introduction to Arabic Persian Script on IndoIslamic Coins, Modern Approaches For Detection Of Biological Agents, Foldscope, Emotional literacy, Unicode Training, Text Mining using R etc. that have equipped students with skills that make them competent for academic progression at reputed institutions. Additionally lectures and talks by eminent scholars were organized by all the departments. Distinguished personalities that visited the colleges include Justice Hemant Gokhale, Journalist Author Rajani Bakshi, Astrobiologist Dr. Tony Jia, Expert in regulatory affairs Dr. Mamta Naidu from Boston, USA, expert linguist Dr Esterino

Adami, University of Turin. A major outcome of this distinctive feature of our college and the efforts of our faculty is the Gold Medal and the Best integrated human practices award won by a team of 8 students and four faculty members at the International Genetically Engineered Machine Competition iGEM held at MIT, Boston for their project Catechewing Coli. The College thus continues to ride on its path of achieving excellence by fostering, training and supporting students to make them globally competent.

Provide the weblink of the institution

https://www.ruiacollege.edu/uploaded_files/Institutional_distinctiveness_2018-19.pdf

8.Future Plans of Actions for Next Academic Year

Plan of Action for the Academic year (201920) Curricular Aspects: o To undertake a workshop on 'Curriculum Design and Development" o To conduct an Induction programme for the newly appointed teachers o To conduct an Internal Academic Audit Teaching, Learning and Evaluation: o To organise training for innovations in teaching/learning process(FDP) o To enhance internship among UG/PG courses Research Innovation and Extension: o To organise training on URKUND(Antiplagiarism software) web training o To organise a seminar on Research o To organise activities for students on IPR o To conduct common course work for newly registered Ph D students o To strengthen the activities of RCIIE o To strengthen the Institute Industry interphase (collaborative projects/ Internship, summer training, field exposure, curriculum, employment) o To undertake various extension activities through Urban study centre Infrastructure and Learning Resources: o To carry forward the infrastructure development as proposed under the RUSA grant o To procure Interactive learning system o To develop learning resources for MOOC o To initiate activities to promote Swach Bharat Abhiyaan Student support and progression o To conduct Induction programme for the students as per the UGC guidelines o To encourage the departments to organise workshops for Skill development o To widen the activities of Ruia Academy for Competitive exams o To strengthen the activities of Centre for Mindfulness and wellbeing to enhance Life skills Responsiveness to social issues o To conduct skill development programmes for visually challenged students Governance, Leadership and Management: o To streamline the administrative procedures through the CMS o To introduce Biometric attendance system for students o To explore the method/s of data acquisition for Accreditation through customised software Institutional Values o To organise activities to reduce plastic use in campus 3Rs o To organise lab safety workshop for laboratory support staff o To conduct a Fire audit Dr. Jessy Pius Dr. Anushree Lokur IQAC Coordinator I/C Principal