



## YEARLY STATUS REPORT - 2020-2021

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1.Name of the Institution</b>	RISHI DAYARAM AND SETH HASSARAM NATIONAL COLLEGE AND SETH WASSIAMULL ASSOMUL SCIENCE COLLEGE
• Name of the Head of the institution	Dr. NEHA JAGTIANI
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	91226483544
• Mobile no	9920989602
• Registered e-mail	rdnational1949@gmail.com
• Alternate e-mail	principalrdn@gmail.com
• Address	SMT JOTU KUNDNANI CHOWK , OFF LINKING ROAD ,BANDRA WEST , MUMBAI 400050
• City/Town	MUMBAI
• State/UT	MAHARASHTRA
• Pin Code	400050
<b>2.Institutional status</b>	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education

• Location	Urban
• Financial Status	Grants-in aid
• Name of the Affiliating University	MUMBAI
• Name of the IQAC Coordinator	DINESH B. HIMATSINGHANI
• Phone No.	91226483544
• Alternate phone No.	91226483544
• Mobile	9819857387
• IQAC e-mail address	iqac@rdnational.ac.in
• Alternate Email address	rdnational1949@gmail.com
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="https://rdnational.ac.in/pages/iqac/aqarReports.html">https://rdnational.ac.in/pages/iqac/aqarReports.html</a>
<b>4.Whether Academic Calendar prepared during the year?</b>	Yes
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://rdnational.ac.in/Docs/naac/academic_calendar_2020-2021.pdf">https://rdnational.ac.in/Docs/naac/academic_calendar_2020-2021.pdf</a>

### 5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	8590	2004	03/05/2004	02/05/2009
Cycle 2	B++	2.89	2018	26/09/2018	25/09/2023

**6.Date of Establishment of IQAC** 15/06/2004

**7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,**

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Departments of Botany, Chemistry, Physics, Mathematics & Statistics and Biotechnology; R. D. & S. H. National College & S. W. A. Science College	DBT Star College Scheme	Department of Biotechnology, Government of India	2020 1095 days	2028857
R. D. & S. H. National College & S. W. A. Science College	DST FIST PG Zero Level Grant	Department of Science & Technology	2019 1825 days	5250000
BOTANY DEPARTMENT	MAJOR RESEARCH PROJECT	GOVT. OF MAHARASHTRA & MANGROVE & MARINE BIODIVERSITY CONVERSATION FOUNDATION OF MAHARASHTRA	2020 365 DAYS	508000

<b>8. Whether composition of IQAC as per latest NAAC guidelines</b>	<b>Yes</b>
<ul style="list-style-type: none"> <li>• Upload latest notification of formation of IQAC</li> </ul>	<a href="#">View File</a>
<b>9.No. of IQAC meetings held during the year</b>	<b>2</b>
<ul style="list-style-type: none"> <li>• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>	<b>Yes</b>

<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	No File Uploaded	
<b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>	No	
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>		
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>		
<p>Complete transformation from Offline to Online mode of admission and Examination through ERP and impart training to faculty and support staff to understand and smooth functioning with ERP system</p>		
<p>Establishment of Virtual Lab in collaboration with IIT-B</p>		
<p>Organization of webinars by renowned academicians, industry professionals on curricular and co-curricular and social aspects in association with academic bodies and industries</p>		
<p>Initiated the planning for establishing of medicinal plant garden and water treatment plant in the campus and to make the college campus secured Wi-fi enabled in collaboration with D-Link</p>		
<p>Initiated COURSERA courses in the campus for students</p>		
<b>12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year</b>		
Empty space for plan of action and outcome		

Plan of Action	Achievements/Outcomes
<p>Complete transformation from Offline to online mode of teaching activities</p>	<p>Creation of Institutional E-Mail ID for every faculty , visiting faculty and students through with online lectures can be conducted. Use of G-suite platform through which faculty members and students can connect. Use of Teaching aids and setting up a secured Wi Fi campus.</p>
<p>Complete transformation from Offline to online mode of administrative activities</p>	<p>Appointment of an ERP Vendor for Admission, Fee Collection , Attendance and Examination Modules. Online Examination and Result Processing through ERP system.</p>
<p>To promote faculty members for content development.</p>	<p>Faculty members and academic departments have created E-Content in various forms and made it available to students and also in public domain</p>
<p>Environmental Sustainability and other socially relevant Initiatives</p>	<p>Planning for Water Treatment and recycling plant to recycle water from all Science Laboratories. E-Waste management program through a Govt. Agency. Celebration of environmental days to sensitize students in conservation practices - World environment day, National Butterfly Campaign, Cloth Bag making competition to replace plastic bags, International Biodiversity Day, International Womens Day, Hindi Bhasha Divas, etc.</p>
<p>Organization of National Level workshops in association with reputed National /Internationally reputed Institutions.</p>	<p>Organisation of webinars , Lecture series, Seminars in association with Reputed institutions, industry by various departments</p>

<b>13. Whether the AQAR was placed before statutory body?</b>	<b>Yes</b>
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- Name of the statutory body

Name	Date of meeting(s)
HSNC Board Governing Body	27/04/2021

**14. Whether institutional data submitted to AISHE**

Year	Date of Submission
2020-2021	28/02/2022

**15. Multidisciplinary / interdisciplinary**

As envisaged in the NEP 2020, our Institute currently offers CBCS for all the 100% programmes at UG and PG level. And almost all courses have interdisciplinary chapters integrated into the curriculum. Also add on certificate courses are available to all students. We undertake and initiate students to multidisciplinary project work to make them ready for market place. In order to develop the all-round capacities of the students the institute is preparing to include multidisciplinary subjects as per the National Educational Policy 2020. The college is planning to set up short term and vocational courses.

**16. Academic bank of credits (ABC):**

As an affiliated college, we are heavily regulated by the University and the University in turn is ready with the process of facilitating academic bank of credits. NEP 2020 emphasizes on credit transfer, Open and Distance Learning. The institute understands that it would be required to enrol its students with National Bank of Academic Credits to make sure their academic credits are collectively gathered for ease of access and verification.

**17. Skill development:**

We offer currently mandatory Ability Enhancement Courses across UG programs. Our Ability Enhancement Courses focus on life skills, problem solving skills, critical thinking, scientific temperament to meet the challenges of the times ahead. We have adopted a learner centric approach while focusing on experiential and lifelong learning, as the new teaching methods in our curriculum mechanism. We envisage a renewed focus to promote creativity and curiosity

among young minds to make the curriculum of college more skill-oriented, thereby, leading to a transformation of our youth into tangible global resources. Skill Development is a significant driver by improving employability and inclusive growth. It facilitates a cycle of high productivity, increased employment opportunities, income growth and overall development. One of the important aims of NEP 2020 is to focus on holistic multidisciplinary education. In this regard the institute encourages its students to take final year projects, mini projects in multidisciplinary domains and also to participate in various multidisciplinary technical competitions.

**18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)**

The institutional background being Sindhi linguistic minority institute is managed by people belonging to Sindhi community who had come from Sindh province of an erstwhile undivided India. By default, they bring plethora of literature and culture underpinning Indus Valley civilisation and remain focused to maintain and preserving the same. We celebrate Indian cultures through various programmes organized throughout the year. National Language (Hindi), offered as a compulsory language at the first-year level for Humanities students. Also, students opt for Hindi literature as an optional language in curriculum for undergraduates. The Department of Hindi organizes several programs and field visits for promotion of the language.

Each year we organize "Jahan", a festival to help revive the Sindhi culture among millennials. The objective is to unify Sindhi Community , Preserving and strengthening Sindhi Culture , language , heritage , social character and unique way of life. Programs are also jointly organized with NCPSEL for development of socio cultural institution.

Marathi Bhasha Diwas or Marathi Day is celebrated each year on the birth anniversary of eminent Marathi poet Vishnu Vaman Shirwadkar.

**19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):**

The aim of OBE is student centric, to monitor and improvise quality teaching-learning process and to evaluate the knowledge and skill attainment of the students. The learning level attainment is obtained by both direct and indirect assessment methods. The OBE focuses on alignment of desired graduate attributes, programme intended learning outcomes of the students for their sustainable growth. The college follows the curriculum designed by affiliating university. This curriculum has well defined POs and COs. The

College faculty draft the COs for the courses which are not provided in the syllabi of the university. The POs and COs of all programs are stated and displayed on the college website. At the time of admission and at the outset of each semester teachers communicate POs and COs to the students. Course Exit Survey and Program End Survey are conducted to assess the attainment of POs and COs. NEP 2020 also emphasizes the importance of online education and digital platforms. In this regard college is encouraging the faculty to use the LMS platforms which can help the faculty and students to improve the overall teaching learning process. The Institute also encourages all the students and staff to use its digital library resources more effectively. NEP 2020 also highlights a strong research culture and building research capacity across higher education. The institute encourages the faculty to apply for research grants, consultancy and publish their research work in quality journals and conferences. NEP promotes technology in education. The institute always encourages its faculty to use technology teaching learning process. Following NEP 2020 guidelines, applications to start eight Post Graduate programmes have been submitted to the affiliating University for approval.

#### **20.Distance education/online education:**

ICT enabled classrooms support advanced learning through platforms like Google meet, Google class room, Moodle, Kahoot etc. Online Courses through platforms MOOC, Coursera etc are encouraged to upskill students. Virtual Lab (V- Lab) of IIT Mumbai, an MHRD Government of India initiative helps to access remotely the simulated science discipline labs. Online Examination and Assessment through online platforms during Covid-19 pandemic. E Learning Centre has MOOC course preparation facility for faculty for online education or submitting on various LMS platforms.

Almost all teachers use ICT for online teaching. Besides the traditional methods and tools of teaching, the faculty members use ICT tools such as MOODLE, LMS Page, Video lectures, Video Conferencing, television, Google Meet, Zoom, Whatsapp etc. Several teachers have attended FDP and webinars on online teaching. It is our experience that online teaching learning is inevitable now. The ICT tools have made online education more individualized, creative and dynamic. We as an institute undertake training through MOOC's & encourage faculty and students to develop new knowledge in emerging areas through various e-learning platforms & MOOC's.

### **Extended Profile**

#### **1.Programme**



1.1	830
Number of courses offered by the institution across all programs during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>2.Student</b>	
2.1	3931
Number of students during the year	
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
2.2	235
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	
File Description	Documents
Data Template	No File Uploaded
2.3	1233
Number of outgoing/ final year students during the year	
File Description	Documents
Data Template	<a href="#">View File</a>
<b>3.Academic</b>	
3.1	37
Number of full time teachers during the year	
File Description	Documents
Data Template	No File Uploaded
3.2	0
Number of sanctioned posts during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

  

4.Institution	
4.1 Total number of Classrooms and Seminar halls	24
4.2 Total expenditure excluding salary during the year (INR in lakhs)	11999351.13
4.3 Total number of computers on campus for academic purposes	234

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

The college follows curriculum set by respective BOS of the Mumbai University for UG-PG programmes. An academic calendar is curated based on notices and circulars received from the Mumbai University. Constructive faculty meetings are frequently presided by the Principal followed by departmental meetings by the Heads of various departments. A comprehensive logbook is maintained through the academic year to aid organized teaching with the time-table committee preparing a centralized time-table for efficient coordination. The shift to online-mode was eased by implementation of Online Orientation sessions for the first-year students and by initiating E-resources like Virtual laboratory, updating Google classroom platforms, using simulations for delivery of learning material for students, organizing Online Webinars, Workshops, etc. Students have easy access to book reviews, audio-visual resources, computer and internet facility and more while endorsing the utilization of text-books and reference materials. Students also have access to free online courses on the MOOC platform- Coursera to facilitate self-learning. Several trainings are provided to faculty through LMS platforms along with INFLIBNET Membership. Strategic teaching techniques are adopted by faculty members to facilitate the learners' best potential amidst these unprecedented times.

Furthermore, gaining valuable feedback from faculty, students, academic peers, alumni and employers provides fruitful results.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The college has a planned academic calendar framed on the lines of academic calendar of the University of Mumbai. Orientation, commencement of lectures, internal examinations, completion of syllabus and external examinations are scheduled and listed well in advance. The institute ensures to add the schedule of co-curricular activities in the academic calendar and all the classes and examinations are planned as per the calendar, thus ensuring complete adherence. These timelines are planned in accordance to the Government Holidays, Mid-term, Diwali, Winter and Summer break. Annual events, conferences, Departmental festivals, days of national and international importance are also planned and scheduled in the calendar. Further the Compliance of Continuous Internal Evaluation with Academic Calendar is done by way of Classes and Lab time-tables, Tutorials, Project work, Assignments, Internal Examination Timetables and thorough Academic Monitoring. This practice is diligently followed by the college annually. However, as the year 2020-2021 was the year of the global pandemic, certain events and examinations were rescheduled as per Government decisions and the University circulars on the commencement of the semester and conduct of examinations. Hence, the college has prepared two academic calendars i.e., planned and executed for the year 2020-2021 adhering to the University guidelines and notifications.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in A. All of the above following activities related to curriculum development and assessment of the affiliating

**University and/are represented on the following academic bodies during the year.**  
**Academic council/BoS of Affiliating University**  
**Setting of question papers for UG/PG programs**  
**Design and Development of Curriculum for Add on/ certificate/ Diploma Courses**  
**Assessment /evaluation process of the affiliating University**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

**1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented**

**1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented**

41

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

**1.2.2 - Number of Add on /Certificate programs offered during the year**

**1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)**

07

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

### 1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

1336

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

## 1.3 - Curriculum Enrichment

### 1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Across all the programs offered at the undergraduate & postgraduate level, a wide number of courses focus on areas/competencies relevant to gender, human values, Environment & Sustainability and Professional Ethics. In all, 59 courses across all streams address the said areas. Out of the 59 courses, 43 courses address gender issues & human values which are integral part of society laying a strong foundation necessary for a peaceful, prosperous and sustainable world. Human values being the virtues that guide us to take into account the human element when we interact with other human beings. That being said 29 courses across all the programs discuss & focus on environment & sustainability & professional ethics. (Ethical obligations toward the environment & human values and ethics that play a crucial in development & future).

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

**1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year**

34

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	<a href="#">View File</a>

**1.3.3 - Number of students undertaking project work/field work/ internships**

2628

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

**1.4 - Feedback System**

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students**

A. All of the above

## Teachers Employers Alumni

File Description	Documents
URL for stakeholder feedback report	<a href="https://rdnational.ac.in/Docs/IOAC/feedback/feedback_report.pdf">https://rdnational.ac.in/Docs/IOAC/feedback/feedback_report.pdf</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

### 1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://rdnational.ac.in/Docs/IOAC/feedback/feedback_report.pdf">https://rdnational.ac.in/Docs/IOAC/feedback/feedback_report.pdf</a>

## TEACHING-LEARNING AND EVALUATION

### 2.1 - Student Enrollment and Profile

#### 2.1.1 - Enrolment Number Number of students admitted during the year

##### 2.1.1.1 - Number of students admitted during the year

3931

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

#### 2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

##### 2.1.2.1 - Number of actual students admitted from the reserved categories during the year

277

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

## 2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Institution has a proper mechanism to distinguish the slow and advanced learners like pre and post aptitude test in the beginning of curriculum delivery. Slow learners' are assisted with several opportunities and arrangements remedial sessions, Tutor-Mentor System to provide extended support, mentoring through Alumni, Extra Coaching, Personal attention and Counselling sessions.

For enriching the Advanced learners, opportunities like Research Paper Presentation such as AVISHKAR, Envisage, Participation in Seminar Presentation, Poster Presentation, Business Plans, Quiz Competition and Debates are provided. The Advanced learners receive an academic recognition at the time of Achievers Day, Departmental Fests and Convocation.

The institution provides various learning opportunities by way of Industrial Visits, Field Trips, Class Seminars, Workshops, Webinars and Guest Lectures on varying topics are conducted throughout the year.

Institute is aware of the general scholastic abilities of students as per their responses in the classroom as well as the performance in the Internal and External Examinations. All students are encouraged to enrol for various online courses via Coursera depending upon their scholastic abilities.

For appreciation and self-evaluation of the undergraduate Physics students, college is centre of Physics Talent Examinations which is handled by state-level & Indian Association of Physics Teachers that provides practice tests for competitive examinations.



File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

### 2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
3931	147

File Description	Documents
Any additional information	<a href="#">View File</a>

## 2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

The institute focuses on the student-centric methods such as experiential learning, participative learning and problem-solving methodologies for enhancing learning experiences.

Experiential Learning activities such as Project Work incorporated in the curriculum, Internships or Field projects in industry, Participation in competitions at various level, Field Visits and Industrial Visits, Guest Lectures, Seminars, Webinars and Workshops are conducted by the institute throughout the year.

Participative Learning employing Role Play, Team Projects/Assignments, ICT Enabled Teaching (Language Laboratory), Debates and Group Discussions are a regular practice of the institute.

Problem-solving is a quintessential part of the curriculum in the institute. Activities like Case Studies, Analytical Reasoning, Discussion, Quizzes, Tutorials, Preparation of College Magazine (creativity skills), Undergraduate Research Activities (Envisage), Honours Program, Paper Presentation, Participation in AVISHKAR, stellar presence of Institute Innovation Council in the Institute promotes problem solving amongst the students.

Extension Activities are employed for sensitising students by way of activities such as Tree Plantation Drives, Blood Donation Drives,

Swachh Bharat Abhiyan, Food Distribution Drive, Promotion of Khadi mask, Cleanliness Drives and Voters Awareness Programmes are organised.

To help the students develop as all-rounders, they are encouraged to organise and participate in intra and inter collegiate academic, sports and cultural festivals.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The institute has enabled access to Desktops, Laptops, LCD Projectors, Internet Connectivity on campus, Visualizer, Digital Camera, Mobile Phones, Headset Microphones with Speaker and Classrooms and Seminar Rooms with LCD facility for the use of teachers, support staff and students.

The college has also procured Licensed Google Suite which has supported online learning via Google Classroom where the students have access to the study material and Google Meet with facility of recording and white-boarding.

Examinations are conducted through MasterSoft software. The students have access to Student Diary App which is a smart phone interface of the Institute ERP keeping all stakeholders in the connectivity loop. Information about upcoming events, time table and courses, notifications and payment alerts can be accessed anytime on the app or website.

The institute has set-up institutional Ids for all teachers and students. The institute also has its own Zoom Premium Account as well as Microsoft Teams Account.

The other ICT enabled tools are - Inflibnet, MOOC: Swayam, NPTEL, Simulations and Academic repository from YouTube.

The institute uses Virtual Lab in collaboration with IIT Delhi for simulation-based learning. The institute is striving for a WIFI enabled campus with high-speed Internet connectivity.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View File</a>

### 2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year )

#### 2.3.3.1 - Number of mentors

147

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

#### 2.4.1 - Number of full time teachers against sanctioned posts during the year

37

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

#### 2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

##### 2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

23

File Description	Documents
Any additional information	<a href="#">View File</a>
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	<a href="#">View File</a>

### 2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

#### 2.4.3.1 - Total experience of full-time teachers

785

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

## 2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The institution is affiliated to University of Mumbai and follows the evaluation pattern framed by the University. The college has a well constituted examination committee. This committee is a statutory body and is responsible for conducting examinations , declaration of results.

The institute has access to G-Suite. Projects and assignments are collected and graded via google classroom. Every student is provided with an institutional email id for correspondence and continuous assessment including projects, presentations, field work etc. There is provision for recording of Viva-voce, classroom discussion, debates on the google meet.

Examinations are conducted on MasterSoft Platform. Proctoring of examinations, Mapping of teachers to respective courses enables thorough verification, transparency and quick declaration of results.

Student to Teacher Mapping for any queries via Online War Room before, during and after Examination for handling of queries and grievances.

General Guidelines / FAQ's / Steps for Online Examinations are displayed on the college website. Multiple mock exams for the students before the actual examination.

The students also have access to Student Diary App which is a smart phone interface of the Institute ERP. Information about upcoming events, time table and courses, notifications, payment alerts can be accessed anytime on the app.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

#### 1. Redressal mechanism for grievances before Exam Online Mode

An email on the ID constituted by the examination committee is required for grievances like non-issuance of hall ticket & correction in name/subjects selected. The revised document is issued on Student Diary App. Discrepancies reported by the student regarding University Examinations, are resolved along with the University examination department.

#### 2. Redressal mechanism for grievances during Exam Online Mode

Mentor/Supervisor inform the Examination Committee via Online War Room about any discrepancy/doubt in question paper reported by student who take necessary action. For University Examinations the Chief-Conductor /DEPD coordinator inform University Control Room about the student's grievance which is addressed by University Authorities.

Address of Unfair means: Via MasterSoft Software Live Exam Proctoring is done. The committee views candidates' images during the exam and records malpractice log. The Examination Committee reports the same to the Exam Convenor who takes the necessary decision.

This process takes 10-15 working days.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	Nil

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

The Course Outcomes (CO) designed through curriculum mapping identifying courses, portions/series of courses fulfilling each PO and minimum achievement required for success, are demonstrated and supported through assessment and teaching-learning activities. PSOs

statements focus on the specific knowledge of core subject. POs, PSOs, COs are displayed

for all stakeholders at Institutes' website, HOD cabins, Notice Boards and Department laboratories. The students are informed about the Course Objectives and Outcomes for their program during the induction. Every course teacher discusses expected CO with students in first session plan at the beginning of each semester. POs, PSOs and COs are mandatory part of course file prepared by course teacher.

Head of department (HOD) consults faculty and prepares the draft of the PSO and POs with the teachers, which are in line with Graduate Attributes and Vision, Mission of the Institute and department.

Tools for measuring Course Outcomes include Internal Class Test, Semester Examinations, Tutorials, Assignments, Project work, Labs, Presentations and Employer/Alumni Feedback.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The academic programmes offered by the institution have a clearly stated learning outcome. It is integrated with institutional goals and objectives. The learning outcome is disseminated through the syllabus which is designed by the affiliating University. The performance of the students in curricular and co-curricular activities provides a valuable insight to deliberate on the achievement of the learning outcome. The teaching methodologies and assessment strategies focus on competency-based education and programme outcome. The Institution has well-structured evaluation procedures for Internal and Semester End Assessment to ensure the achievement of PSOs & CO. Continuous assessment through evaluation, assignments and seminars provides an opportunity for the stakeholders to critically evaluate the learning outcome. A coherent assessment of the learning outcome is conducted by IQAC through internal and external audits of the academic programmes. Assessing placements of students is another effective method used by the institution to validate the learning outcome. Most students who opt for higher education also provide feedback that reflect on their previous learning environment to provide a critical analysis of the learning outcome.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

1073

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

## 2.7 - Student Satisfaction Survey

**2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)**

[https://rdnational.ac.in/Docs/naac/student\\_satisfaction\\_survey\\_2020-2021.pdf](https://rdnational.ac.in/Docs/naac/student_satisfaction_survey_2020-2021.pdf)

## RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Resource Mobilization for Research

**3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)**

**3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)**

7826857

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	<a href="#">View File</a>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

**3.1.2 - Number of teachers recognized as research guides (latest completed academic year)**

**3.1.2.1 - Number of teachers recognized as research guides**

07



File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

### 3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

#### 3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year

10

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="https://rdnational.ac.in/pages/dbt/index.htm">https://rdnational.ac.in/pages/dbt/index.htm</a> <a href="#">1</a>

## 3.2 - Innovation Ecosystem

### 3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

There was a pressing need of Institute Level Innovation Centre that can be a focal point for creating an Innovation & Start-up Ecosystem. R.D. & S.H. National College has always been a front runner in Mumbai region for such initiatives. Keeping this in mind, IIC-RDNC was established on September 1st, 2018. In 2019, the IIC-RDNC stirred the overall Innovation and Entrepreneurship Ecosystem in the institute and submitted a total of 81 activities; 31 IIC driven, 23 MIC driven and 27 self-driven activities which resulted in 5-star rating with a score of 99.17 and 62.7 rewards points. In 2020-21, the IIC 3.0 of the college has so far received 3.5/4 stars with more than 60 activities in the various fields of innovation, IPR, Start-ups and entrepreneurship. It is noteworthy that during Covid-19 pandemic, IIC RDNC has initiated establishment of a Pre-incubation centre "Vidyasagar Principal Kundnani Innovation and Entrepreneurship Centre (VPKIEC). Institute has successfully completed NISP formation and now is in the implementation stage. In

2020-2021, IIC has successfully completed training of 07 Innovation Ambassadors and filed 03 patents and several POCs, Business plans and research projects in pipelines. College has applied for Mentor-Mentee scheme to conduct Entrepreneurship training to other institutions from Maharashtra.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://rdnational.ac.in/pages/iic/activities.html">https://rdnational.ac.in/pages/iic/activities.html</a>

### 3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

#### 3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

53

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.3 - Research Publications and Awards

#### 3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

##### 3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

04

File Description	Documents
URL to the research page on HEI website	<a href="https://rdnational.ac.in/#!/pages/Academics/Academics-Research.html">https://rdnational.ac.in/#!/pages/Academics/Academics-Research.html</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded

### 3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

#### 3.3.2.1 - Number of research papers in the Journals notified on UGC website during the year

24

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

### 3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

#### 3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year

11

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

### 3.4 - Extension Activities

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The college has been instrumental in addressing pressing issues in society like child sexual abuse, women trafficking, environment

pollution & conservation, communal harmony and others. Several university-level programs, area-based awareness activities and sensitization workshops for youth were organised and Social Action Plans were designed to mobilise the youth to engage extensively with the community and mitigate the issues. We are training, skilling, sensitising and promoting student and volunteers as ambassadors for timely social interventions, public speaking, street plays, planning area-based activities, motivating fellow classmates as well as local community through debates and speeches etc. The initiatives have culminated to bringing major mindset shifts in the 80+ colleges of the University of Mumbai.

The NSS unit has been conducting blood donation drives in the college thus generating 1000 units each year with a successive increase from ~ 400 in past 3 years. The heroic spirit of the NSS volunteers helped college in mobilizing funds for providing raw food material, running community kitchen, supporting stranded laborers and local community as well as people of the Pansai village adopted by the college. NSS volunteers extended their support by providing actionable protocol given by WHO to prepare hand-sanitizer requested by some colleges and agencies.

File Description	Documents
Paste link for additional information	<p><a href="https://drive.google.com/file/d/1Dj2sdT1zeVEpfI1Y2eVAL-YioAx6CHUW/view?usp=sharing">Link for additional information a. Seminar on Child Sexual Abuse - https://drive.google.com/file/d/1Dj2sdT1zeVEpfI1Y2eVAL-YioAx6CHUW/view?usp=sharing</a></p> <p><a href="https://drive.google.com/file/d/1mpjKHGzJxfgVzEgeV56UThwT97ciLsOU/view?usp=sharing">b. Environemnt Day - https://drive.google.com/file/d/1mpjKHGzJxfgVzEgeV56UThwT97ciLsOU/view?usp=sharing</a></p> <p><a href="https://drive.google.com/file/d/1oDCMzwsAj65m3Vcl3bLz5QQYfJ3OMk7g/view?usp=sharing">c. WHO formula for hand sanitizers - https://drive.google.com/file/d/1oDCMzwsAj65m3Vcl3bLz5QQYfJ3OMk7g/view?usp=sharing</a></p> <p><a href="https://drive.google.com/file/d/1oDCMzwsAj65m3Vcl3bLz5QQYfJ3OMk7g/view?usp=sharing">d. Actions and activities during Covid - https://drive.google.com/file/d/1oDCMzwsAj65m3Vcl3bLz5QQYfJ3OMk7g/view?usp=sharing</a></p>
Upload any additional information	<a href="#">View File</a>

### 3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

#### 3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

17

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

**3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., ( including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs ) during the year**

**3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year**

104

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

**3.4.4 - Number of students participating in extension activities at 3.4.3. above during year**

**3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year**

17486

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

### 3.5 - Collaboration

#### 3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

##### 3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

124

File Description	Documents
e-copies of related Document	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

#### 3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

##### 3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

20

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

Established in 1949 , A three-story ,college is located in the heart of Mumbai, Bandra, with an area of 20,000sq.

There are 22 classrooms, equipped with ICT, LCD projector and Wi-Fi

facilities. The classrooms are well designed both aesthetically and functionally.

The College has two Conference Rooms with a seating capacity of 120 and 80 respectively with Multimedia Facilities, an advanced sound system, Computers, and Internet Connection. The College has 20 well-equipped laboratories. The

Computer, Maths and Statistics, IT, and BMM Laboratories are equipped with the latest i5 Generation desktops. The College also has got IIT -Mumbai Virtual lab in 2020-21. Common Facility Center (CFC), Instrumentation Lab, and E-Learning lab have helped in the creation of online content and MOOCs.

Research Centers available in the college provide sufficient support to Research Aspirants. Institution Innovation Council (IIC) is a brainstorming room for new budding entrepreneurs and industry stalwarts.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

The facilities available in the college are as follows: Multi-Purpose Sports Centre (Gymkhana) (for Indoor Sports): The College Multi-Purpose Sports Centre located at the Ground Floor is of 42.6 X 74.8 sq. ft. The Sports Centre has a Gymnasium equipped with exercising equipments, indoor games, and equipment kits for Outdoor Sports. In 2020-21, due to Covid Restrictions, the user rate of the Gymkhana of college was very low. On average 5 students per day were utilizing the amenities of the gymkhana. Multi-Purpose Outdoor Court (for Outdoor Sports): The college has a Volleyball cum Basketball Court of 79 X 58 Sq.ft in its premises that cater to a number of outdoor sports. The Auditorium: The college has a state-of-the-art, fully air-conditioned, auditorium with a seating capacity of 600 that is utilized for various cultural, educational, and student enrichment programs. It also has a dedicated Control Room with Light and Sound Mixing Facilities and Green Rooms.

Two conference rooms for various cultural activities by the

departments. Botanical Garden: Sports, recreational, cultural, and academic facilities are a must to be carried out at students' favourite place, The Botanical Gardens.

Niche area is used for cultural event practices by students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://rdnational.ac.in/pages/about/infrast_ructure/infra.html">https://rdnational.ac.in/pages/about/infrast_ructure/infra.html</a>

#### 4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

24

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

##### 4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

5285365

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>



## 4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Name of ILMS software : Koha

Nature of automation (fully or partially): Fully

Version : 21.05.08

Year of Automation : 2004 onwards

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	Nil

**4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources**      **A. Any 4 or more of the above**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)**

**4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)**

199941.8

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

#### 4.2.4 - Number per day usage of library by teachers and students ( foot falls and login data for online access) (Data for the latest completed academic year)

##### 4.2.4.1 - Number of teachers and students using library per day over last one year

4

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	No File Uploaded

### 4.3 - IT Infrastructure

#### 4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

Our institute has a very well crafted infrastructure that's developed from time to time, to meet the new technological needs. The Teaching-Learning pedagogy used in the classrooms is IT-enabled. The college has Win Cable Internet services connected through LAN and Wi-Fi networks. Our College has upgraded its IT resources to enhance its IT assets. Investments were made on high-end Laptops and Wacom pen tabs, MATLAB software, and latest generation desktops. Devices that are in working condition include 234 Desktops, 13 Laptops, 67 B&W Laser Printers, 1 Colour printer, 3 B&W Printer/Scanner/ Copier, 5 Pen tablets, and 26 LCDs. Every classroom has a facility of LCD projector. All the Computers are equipped with Wi-Fi Routers for 24 hr Internet Connectivity. All computers have a licensed operating system and legal antivirus. Several licensed software has been purchased to meet the needs of the curriculum. The college promotes the use of Open Source Software e.g. Open Office being installed in the IT Laboratory. The College has invested in Google Workspace which has an LMS package that can accommodate 10000 members under its system for online lectures, assignments submissions and project works. The College has bought an ERP from Mastersoft which manages and tracks the admission process, fee payments, examinations, hall ticket generation, and result declaration. War

rooms are created with the facility of Proctoring and Student to Teacher mapping.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

#### 4.3.2 - Number of Computers

234

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution C.10 - 30MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

##### 4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

##### 4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

1002396

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The college has a Policy and Procedure for the usage and maintenance of physical and academic facilities within the campus. The Purchase orders are issued for all outsourced purchases. Classroom scheduling, allocation, and usage of classrooms are decided by The Time-Table committee. Master time-table for classroom and laboratory instructions are prepared to optimize utilization. Laboratory schedules are decided by the Heads of Department and optimum use of laboratories is taken care of. Library facilities are extended to all students and faculty. The Sports Facilities are planned by The Physical Director in consultation with the Gymkhana committee and Principal. Computers are used by students on a rotational basis. The Space allocation for academic and External activities is done by the Officer inCharge /Registrar of the College through a request form. College space is allocated to external users based on need and the Principal's approval. A Housekeeping agency has been appointed which oversees the maintenance of classrooms and routine cleaning procedures. Annual maintenance contracts are in place for housekeeping and maintenance of IT infrastructure and laboratory equipment is maintained by the support staff. Day-to-day plumbing and carpentry needs are handled by the support staff. Major problems are brought to the notice of the Principal. Fire extinguishers have been installed on each floor and in all laboratories. Pest control is carried out regularly.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

##### 5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

50

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

#### 5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

##### 5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

03

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills**

**A. All of the above**

File Description	Documents
Link to Institutional website	Nil
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

**5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

204

**5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year**

204

File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

**5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees**

**A. All of the above**

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>

## 5.2 - Student Progression

### 5.2.1 - Number of placement of outgoing students during the year

#### 5.2.1.1 - Number of outgoing students placed during the year

248

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	<a href="#">View File</a>

### 5.2.2 - Number of students progressing to higher education during the year

#### 5.2.2.1 - Number of outgoing student progression to higher education

301

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
Details of student progression to higher education	<a href="#">View File</a>

#### 5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

**5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year**

07

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<a href="#">View File</a>

**5.3 - Student Participation and Activities**

**5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year**

**5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

04

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms )

The college constitutes a Student Council as per the guidelines of the University of Mumbai.



The elections of the Student Council are conducted as per the prescribed norms.

The President, Secretary, Lady Representative and Reservation Representative are elected every year.

In addition to the core committee, representatives from NSS, Sports and Cultural are nominated.

There is also a Class Representative from each division.

The council is headed by a senior faculty member who acts as the Coordinator.

The Sports In-charge and the NSS Program Officer are also active faculty members of the council,

Beside this the college also selects student representation for Institute Innovation Council . There are 300 students, registered for the same.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

### **5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)**

#### **5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year**

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	<a href="#">View File</a>

## 5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

- The College has an Alumni Association of Nationalites (AAN) which regularly helps the college for organizing events, inter- collegiate festivals and development of the college infrastructure .
- The alumni have contributed immensely for starting various projects in the college.
- They also act as mentors for the students and conduct lectures and mentorship sessions for them.
- Few alumni have also helped in paying fees of the students

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

5.4.2 - Alumni contribution during the year (INR in Lakhs) E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the

institution

The college caters to the needs of students through webinars and seminars, encouraging student participation in sports and cultural activities, providing a robust research-oriented environment, engaging students in external as well as in-house internships, providing online MOOC Courses, sensitization about social needs through NSS activities. Teachers' skills upgradation rendered through orientation courses, refresher courses, Faculty development program. Trains non-teaching staff on Soft skills, office management skills, computer skills. The college introduces skill based and add on courses for the employability through certificate courses and IIC; social responsibilities through NSS activities. A feedback mechanism for self- assessment and improvement while building a strong alumni. Shift from electricity to solar power, installation of energy friendly power systems, and development of plastic-free campus are on the priority list. Decentralization of leadership for effective administration and deliverance. Senior teachers appointed as conveners of statutory committees like IQAC, examinations, sports & cultural, NSS to ensure their smooth functioning. Internal committees like outreach, tutor system, timetable and attendance for better coordination and implementation of college activities. The conveners of different committees report to the vice-principals who update the principal leading to a proper hierarchical dissemination of decisions and outcome.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The Institute has decentralized its operations and delegated responsibility at multiple levels. The Institution has a Local Managing Committee comprising of representation of management, teaching staff and administrative staff.

Academic Quality activities such as the academic audit process and faculty performance reviews are monitored and streamlined by the Internal Quality Assurance Cell.

The heads of departments have sufficient autonomy to oversee the operations of their respective departments. The department Heads,

faculty members, support staff as well as the students, collaborate to create an ecosystem to achieve various goals of outcome-based teaching-learning. The teachers are motivated with all sorts of support to work creatively on various statutory bodies and other committees made for need-based extension activities.

Faculty members are encouraged to join committees to demonstrate their administration skills, including professional responsibility and accountability. This ensures their ability to make sound decisions when it comes to planning academic, administrative, co-curricular, and extra-curricular activities during the academic year. They have been entrusted with the task of organising seminars, workshops, conferences, FDPs, and guest lectures, as well as industrial visits and collaboration with industry for the academic benefit of students. The responsibility of financial matters of the college is delegated to a Finance Officer.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Strategic plans focus on Human Resource development , Better Learning outcomes for students , wider academic research culture , consultancy and extension activities , infrastructural augmentation for academic and administration purpose , use of ICT in Teaching Learning , introduction of new programmes etc. The IQAC, on the recommendations of the NAAC Peer Team and the institute's vision, mission, objectives and core values plans and implements upon these strategies

Activity: Technologically Enabled Campus: Secured Wi Fi Campus.

Setup includes the following

- Passive Networking : Copper Cable -1G used as a backbone. Wired Users and Access points connected by Cat 6 UTP. Network Rack to Secure Hardware Devices like - Switches, Patch panel and other rack mount devices
- Active Networking : Single Network for Data, Wireless and CCTV. Core to access connectivity with redundancy and High

**Availability.**

- **Wireless : Wi-Fi 5 Access point Solution power of IEEE 802.11ac Wave 2 wireless and experience wireless speeds of up to 1,300 Mbps. Wi-Fi 5 having MU-MIMO solution for better Speed and user experience. Support Enterprise Security with 802.1X and Authentication .**
- **Security: Firewall in high availability mode to ensure security. Security Solution with Threat Defense Threat, Malware and URL Filtering.**

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The college has a hierarchical structure involving the Principal, The vice principals, Head of Departments , IQAC, Conveners of various committees and the Registrar. This hierarchical structure ensures proper monitoring, evaluation, execution and periodic review of the policies of the institution. The Principal, the Head of all the academic and administrative operations of the college is authorized and empowered to guide and direct the administration of the college.

Day-to-day administration is aided by Vice Principals ,IQAC convener , Academic Department Heads, Registrar , Accounts in Charge ,Training and Placement Officer , Controller of Exams etc for building efficiencies. Each department has a Head (HOD) who is responsible for the smooth functioning and growth of the department. The statutory committees are headed by personnel with proportionate authority and responsibility. The Registrar interacts with the administrative staff and the non-teaching staff and delegates duties to them. He/ She also reviews the functioning of the duties allotted in consultation with the Principal.

**Service rules, Recruitment, Policies & Procedures:**

The institute adheres to the rules and guidelines established by the University of Mumbai and the Government of Maharashtra agencies for

**recruitment and Career Advancement of the staff members.**

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	<a href="https://rdnational.ac.in/pages/about/organogram.html">https://rdnational.ac.in/pages/about/organogram.html</a>
Upload any additional information	<a href="#">View File</a>

**6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination** **A. All of the above**

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user inter faces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

**6.3 - Faculty Empowerment Strategies**

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

- Timely disbursement of salary for the staff whenever there is a delay on receiving the salary grant.
- Felicitation of Teaching & non Teaching staff on completion of 25 years of service, on obtaining Ph.D. and other merits.
- Doctor on call facility and Medical camps organized by the College.
- Special leave is granted on account of major illness and there is a provision for subsidized/free treatment for nearly terminal illness.
- Admission to wards of teaching staff in any of the sister institutions based on merit.
- Reimbursement of registration fees for Paper Presentation and

attending conferences.

- Incentives for research publication by the institution.
- Recruitment of kith-kin of the deceased staff member (on duty) as per the rule.
- Wards of non-teaching staff are enrolled and given 50% concession in fees.
- Free wi-fi facility on campus and email addresses using the domain name of the institution are provided to the staff members.
- During festival time an interest free loan is made available to the support staff which is recovered on a monthly basis.
- Promotion benefits to both Teaching & Non-Teaching staff.
- The management has permitted to start a co-operative society to give loan to nonteaching staff.
- Awareness programmes and Faculty Development Programs for Staff.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

### 6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

#### 6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

2

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

### 6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

#### 6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

24

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

**6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)**

**6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year**

24

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

**6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff**

The performance appraisal system of the staff is implemented in accordance with the UGC guidelines. IQAC and the Audit Committee of the College conduct an Academic & Administrative Audit of the institution based on the seven criteria. The final audit report is given to the Principal and the departments for improvement.



The institution conducts a Performance Appraisal of the teaching and Non-Teaching staff regularly to ensure enhanced performance . Each member of the faculty is given a Teacher’s Handbook at the beginning of the year which is checked periodically by the HOD and the respective Vice Principals. Self-appraisal forms are submitted by the concerned staff and the confidential report is submitted by the HOD to the higher authorities.

Appraisal is taken for teachers due for promotion to a higher grade by IQAC Committee constituted for the same with external experts nominated by the Joint Director’s Office and the University, based on their PBAS Proforma. The overall performance of teachers concerned and suggestions for improvement are evaluated. Conveners of the various committees report to the incharge and submit an annual report of their committees. Performance Appraisal by the student feedback / Student Appraisal of Teachers through ERP in the online mode.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

## 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

- Consistent internal and external financial audits by the institution.
- Internal audit carried out by Accounts department while external audits carried out by external auditors representing an independent audit.
- Audited accounts and balance sheet get uploaded on our website.
- Ensuing Internal audit, an External audit is conducted by statutory auditors after the financial year. The observations by the auditors are complied with.
- Based on the consolidated reports, the Institution files the annual returns every year for Income tax and GST.
- Financial audits are conducted regularly and separately for the following accounts:

**DBT STAR COLLEGE :**

The Star College Scheme Committee comprising of teachers from six Science Departments and the finance officer of the college are the internal auditors to validate and authenticate the expenditure process.

**DST -FIST :**

- The utilization of the allocated fund released through the PFMS system of Central Plan Scheme Monitoring System (CPSMS) is managed by the committee for the DST -FIST fund.
- For government funds, audits are conducted as per their norms.
- The utilisation certificates verified and audited by the authorised Chartered Accountant are duly submitted.
- Audit clarifications/objections if any are resolved immediately and anomalies cleared with utmost care.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

**6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)**

**464000**

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

**6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources**

The main source is the salary grant received from the State Government. In addition Grants are received from UGC and other

agencies. Fees collected from students also adds to this corpus. The other avenues of accumulating funds is bank interest on deposits sponsorships for various activities. The college earns revenue by renting the auditorium, classroom, conference room, campus etc.

#### Government Funds

The institution is vigilant in mobilizing funds from Government schemes, and has received Central Government funds such as the UGC XII Plan, DST/FIST, DBT Star College fund. Institute applies for grants to the University for Minor/Major Research Project to purchase the latest laboratory equipment. PFMS System is implemented for all governmental scheme for optimum utilization of expenditure regularly.

#### Non-Government Funds:

The institutional leadership and various stakeholders take initiatives to mobilize various resources as required for the effective functioning of the College. The major sources of mobilization include the Alumni Association of Nationalities. (AAN)

Funds have also been mobilized through well-wishers, Corporate Social Responsibility Funds to set up the Medicinal Garden, Water Treatment Plant, Secured Wi Fi campus and Sound and Editing Studio.

The Institute gets sponsorships from industries, private firms, and individuals for various technical and nontechnical events.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

### 6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The IQAC has continuously introduced initiatives for strengthening and up gradation of activities for quality enhancement.

The initiatives include incorporation of automation and use of technology mandatory in day to day functioning of institute.

As the COVID-19 situation was prevailing in the academic year 2020-21 the academic activities like admission, teaching, evaluation had to be reoriented and redesigned.

Admission process was completely shifted to online mode including document verification and payment of fees through several firms with several modes of digital transaction.

The teaching faculty was trained for effective use of G-Suite based applications for teaching and several other LMS platforms.

Institutional E-Mail ID for faculty and students.

As the examinations had to be conducted in online mode training was organized for faculty on setting of question papers in MCQ format.

Mock Examinations were conducted for all students to make them habitual to the platform for online conduct of examinations.

War Room setup to assist the students during examinations.

Webinars organized by several departments.

Activities of co-curricular and extra-curricular departments were redesigned so that they can be conducted in online mode.

Extension activities by NSS, conducted all the regular and special programmes.

Community based initiatives by the institution.

Participation in Online Research Conventions was encouraged.

File Description	Documents
Paste link for additional information	<a href="https://rdnational.ac.in/Docs/naac/quality_assurance_initiatives.pdf">https://rdnational.ac.in/Docs/naac/quality_assurance_initiatives.pdf</a>
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Spacious classrooms, state of the art laboratories, knowledge resources in library and ICT facilities in classrooms.

Participation of teachers in framing of syllabi at UG and PG level at the University.

Discussion of syllabus, examination pattern and the PSOs and COs with students at the beginning of the academic session to create a clear understanding of curriculum.

Use of tools: projects, internships, field visits, online webinars and ICT based teaching including LMS like Google Classroom, workbooks, practical manuals, guest lectures to aid learning.

Teachers maintain their individual logbook that are periodically checked by respective vice-principals to monitor the quality and progress of the teaching-learning process.

Students review the teaching learning process by getting feedback from them in prescribed format once in each semester. Many departments call parents' meetings.

IQAC takes review of the activities carried out by different committees and discusses the External Academic Audit report periodically and suggests changes for improvement. The success of this effort is seen in form of extremely good results at U.G. & P.G. examinations, medals in Avishkar and other research competitions, placement in organizations within and beyond state and high rate of progression along with higher percentage of result than the parent university.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

**6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO**

**B. Any 3 of the above**

**Certification, NBA)**

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

**INSTITUTIONAL VALUES AND BEST PRACTICES**

**7.1 - Institutional Values and Social Responsibilities**

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

With an urge for Girl-Child Education, the institute pays special focus towards promotion and sensitization of staff and students towards gender equity through the activities of the Women Development Cell, NSS, and various departments. Woman’s Day Celebration, launch of the initiative to vaccinate the transgender community on the occasion of 75th Independence Day. The departments also inculcate gender sensitivity through the curriculum- through poems & stories of the Hindi dept (stree, Apne ghar ki talaash (FYBA), Uttni door mat byahna baba(SYBA), Beti), the Bizzenture Ad (Maybelline Ad - Lipstick for all), by BMS department focusing on inclusion of transgenders. Furthermore, the campus is fully fenced and protected with no tress-passers allowed, and has 24x7 CCTV surveillance with 24 hours' security-guards (including female security staff) on each floor and each gate. The college also offers free and confidential individual counseling focussing on empowerment, personal growth, and equality. The mental HelpLine during pandemic, online webinars and counselling workshops are a few instances of the same.

File Description	Documents
Annual gender sensitization action plan	<a href="https://rdnational.ac.in/Docs/naac/gender_sensitization_plan.pdf">https://rdnational.ac.in/Docs/naac/gender_sensitization_plan.pdf</a>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="https://rdnational.ac.in/Docs/naac/facilities_for_women.pdf">https://rdnational.ac.in/Docs/naac/facilities_for_women.pdf</a>

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures** Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

**A. 4 or All of the above**

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words)** Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

**Solid Waste Management:** Efforts towards zero emission of Biowaste generated in college like leaf litter, canteen waste, non-pathogenic biowaste from Biology Laboratories is composted. The college has taken initiatives such as vermicomposting pit for management of Canteen uncooked waste, while cooked food is composted in tumblers. Manure thus generated is used in the college garden.

**Liquid waste management:** The college has in-house water recycling plant catering to the waste water recycle of laboratories. This recycled water is used to water the plants and trees in the campus.

**Biomedical waste management:** No biomedical waste, while the waste from biotechnology is treated by autoclaving.

**Waste recycling system:** Separate Waste Bins for collecting dry and wet wastes are provided on every floor and in the open spaces of the college for collection of waste. Paper waste is given to approved

paper recycling agency so that it doesn't add up to carbon generation.

**Hazardous chemicals:** Chemistry experiments are carried out in micro/semi micro scale to reduce the release of pollutants. Strong chemicals are neutralized before disposal

**E-waste management:**E-waste are properly stored. Non-working computers, monitors and printers are discarded and recycled on a systematic basis.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	<a href="#">View File</a>

**7.1.4 - Water conservation facilities available in the Institution:** Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus **B. Any 3 of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:** **A. Any 4 or All of the above**

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping



File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>

**7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution**

**7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities**

**B. Any 3 of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

**B. Any 3 of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

**Celebrating Ganesh Chaturthi, Founder's Day, Diwali Celebrations for support staff,**

**Be The Change - A Food Distribution Drive In Association With Bhamla Foundation (23/10/2020)**

**Felicitation As a Covid Warrior By The Hon. Governor Of Maharashtra (4/10/20)**

**As a part of Foundation Course, students performed role-play on cultural diversity of Indian Society. FC syllabus and Internal projects are based on the topics of Inclusivity.**

**A Session on Value Based Education by Mr. Keyur Waghela.**

**A session on importance of cultivating reading habits for the overall grooming and development of students by Dr. Anand Shethi.**

**International Conference Envisage- Booster Shot for India 2021- Rebuilding Confidence, Rebooting Economy, Online Poster and Power Point Presentation (20/03/2021)**

**Jashaan (11/12/2020), Sindhi-Sahityakaranji-Virasat-Asanji-Amanat**

**Activities by NSS such as**

**Relief work at Adopted Village Pansai, Dist. Raigad**

**FACE-SHIELD MASKS DISTRIBUTION TO CLEANERS AND OTHER STAFF OF BMC IN BANDRA H/W/WARD**

The project CONTINUING EDUCATION THROUGH DIGITAL MEANS AT ADOPTED VILLAGE PANSAL to circumvent the educational concerns of Village adopted by NSS unit,. Since mobile phones are unavailable with children,

A MI 42 screen smart TV, with 15 GB facility, installed at Government Primary school with more than 500 lectures/animations on various topics from Class -1 to Class 5, uploaded.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Days of national & constitutional importance are celebrated. The students sensitized about 73rd- 74th Constitutional Amendment Acts and given special training on Rural-Urban Development and Local Government in India. We have signed MoU with Praja Foundation Mumbai, a data-driven institution in Urban Local self government. College imbibes consciousness about national identities and symbols; Fundamental Duties and Rights of Indian through subjects like Foundation Course & optional papers like Indian Political System, Indian Constitution, and Indian Public Administration, Indian National Movement etc. The institution organizes 'Annual National Lecture Series' wherein topics like State, Politics, Economy and Governance; Human Rights; Social Policy; Social Justice, Women Rights and Welfare are covered. Perspectives and thoughts of great national leaders form a part of syllabus in various courses. To give exposure about functional aspects of Indian Constitution the Department of Political Science organizes Visits to Maharashtra Vidhan Bhavan to witness the proceedings. It also organizes annual festival "Prajatantra" where a model government, party system and political process are implemented. College organizes several blood donation drives, food donation drives, road safety awareness campaigns, first aid training, orphanages & old age homes visit, donation drives,etc.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://rdnational.ac.in/Docs/naac/responsible_students.pdf">https://rdnational.ac.in/Docs/naac/responsible_students.pdf</a>
Any other relevant information	Nil

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff**      **A. All of the above**

**4. Annual awareness programmes on Code of Conduct are organized**

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<a href="#">View File</a>
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

**Independence Day: Felicitation of Covid warriors: Doctors, Nursing Staff, Police, BMC, NGOs along with a vaccination Drive for Transgenders.**

**Shaheed Diwas 30th January 2021**

•**Hindi Bhasha Diwas: Celebrated by Dept of Hindi marking the adoption of Hindi as Official Language of India.**

•**Gandhi Jayanti: celebrated by N.S.S.(activities such as Bhajans, Poster Presentation on Gandhian Values, etc).**

- World AIDS and Human Rights Day celebrations through sensitization programs by the NSS
- Sindhiyat Celebrations: Jashan 2020, a Sindhi cultural fest (11thDecember,2020) and Sindhi-Sahityakaran-Ji-Virasat-Asanji-Amanat (27thMarch,2021)

Christmas Celebrations: spending time with kids from the orphanage through a cultural program on campus.

- Diwali Mela: 11thNovember, 2020 Diwali Celebrations for Support Staff. Virtual Diwali celebrations by the BMS students.

- Republic Day: The launch of initiatives on Environment consciousness.

- Woman's Day Celebration & Felicitation by HSNL University, Inter-collegiate Webinar by Dept of Psychology

International Day of Happiness: Psychomagicum2021 (20thMarch,2021)

- World Suicide Prevention Day - Webinar by Psychology Dept. in association with MNWC and WICCI (9thSeptember,2021)

- World Wildlife Week- Adopt a Plant Initiative 2021

- Vanmahotsav: July 1st to July 7, 2021 - Sapling Planting Drive and caring for it for a month.

- International Biodiversity Day- Guest Lecture by Mr. Avinash Kubal on 22nd May 2021

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

## 1. Holistic Development of Stakeholders

This practice renders one of the goals of the institution, i.e. to enable stakeholders (students, faculty members, support-staff) to develop their intellectual potential through focused curricular and co-curricular experience that is rich, extensive and collaborative.

This practice is founded on following pillars:

- Promotion of Academic-Industry Partnership through an intensive Campus-Induced Placement Process.
- Promotion of Research Initiatives for students and faculty members through research conferences, seminars, research fundings, and external collaborations.
- Beyond Curriculum: Inter-collegiate Festivals, In-house Internships, Students' Magazines.
- Development of Innovation, Entrepreneurship and Start-up Eco-System through Institutional Innovation Cell.

## 2. Integrated Approach towards Community Outreach and Connect

This practice is linked with the institutional goal of sensitizing students to look at the world from perspective of the less privileged and to respond with concern and empathy. College is making sincere efforts to fuse Academic Activity with Community outreach to foster a strong sense of social commitment and responsibility through the institutional instruments: NSS, Nature club, departmental, and Women-centric activities. The college is also instrumental in encouraging support staff for professional development through preparatory certificate courses like the 'Professional Proficiency in English for Support Staff' and 'Computer proficiency for the Support Staff'.

File Description	Documents
Best practices in the Institutional website	<a href="https://rdnational.ac.in/Docs/naac/best_practices.pdf">https://rdnational.ac.in/Docs/naac/best_practices.pdf</a>
Any other relevant information	Nil

### 7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within

200 words

The Institute has scaled up existing garden to botanical garden in true sense (as per Botanical Garden Conservation International, United Kingdom) with plants from various categories and activities such as garden based consultancy, research, herbarium and public engagement.

Consultancy provided in areas of:

1. Afforestation

2. Pharmaceuticals

3. Plant identification to researchers, teachers, students and common public.

-Discovery of new plant species

These endeavors have helped the faculty and involved students in being awarded with:

-Recognition from renowned international taxonomic society

-Recognition of RDNCP herbarium in Index Herbarium at New York Botanical Garden

-Mentoring for establishment of new herbarium and registration to Index Herbariorum.

- This culminated into a National award for contribution to plant nomenclature study and inclusion of two students and one faculty name in Harvard University herbarium database and international plant name index database in February 2021.

- This endeavor has provided more exposure to different plant variety along with the green cover in campus providing for an extremely pleasant and stressbusting environment.

## Part B

### CURRICULAR ASPECTS

#### 1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

The college follows curriculum set by respective BOS of the Mumbai University for UG-PG programmes. An academic calendar is curated based on notices and circulars received from the Mumbai University. Constructive faculty meetings are frequently presided by the Principal followed by departmental meetings by the Heads of various departments. A comprehensive logbook is maintained through the academic year to aid organized teaching with the time-table committee preparing a centralized time-table for efficient coordination. The shift to online-mode was eased by implementation of Online Orientation sessions for the first-year students and by initiating E-resources like Virtual laboratory, updating Google classroom platforms, using simulations for delivery of learning material for students, organizing Online Webinars, Workshops, etc. Students have easy access to book reviews, audio-visual resources, computer and internet facility and more while endorsing the utilization of text-books and reference materials. Students also have access to free online courses on the MOOC platform- Coursera to facilitate self-learning. Several trainings are provided to faculty through LMS platforms along with INFLIBNET Membership. Strategic teaching techniques are adopted by faculty members to facilitate the learners' best potential amidst these unprecedented times. Furthermore, gaining valuable feedback from faculty, students, academic peers, alumni and employers provides fruitful results.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	Nil

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The college has a planned academic calendar framed on the lines of academic calendar of the University of Mumbai. Orientation, commencement of lectures, internal examinations, completion of



syllabus and external examinations are scheduled and listed well in advance. The institute ensures to add the schedule of co-curricular activities in the academic calendar and all the classes and examinations are planned as per the calendar, thus ensuring complete adherence. These timelines are planned in accordance to the Government Holidays, Mid-term, Diwali, Winter and Summer break. Annual events, conferences, Departmental festivals, days of national and international importance are also planned and scheduled in the calendar. Further the Compliance of Continuous Internal Evaluation with Academic Calendar is done by way of Classes and Lab time-tables, Tutorials, Project work, Assignments, Internal Examination Timetables and thorough Academic Monitoring. This practice is diligently followed by the college annually. However, as the year 2020-2021 was the year of the global pandemic, certain events and examinations were rescheduled as per Government decisions and the University circulars on the commencement of the semester and conduct of examinations. Hence, the college has prepared two academic calendars i.e., planned and executed for the year 2020-2021 adhering to the University guidelines and notifications.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	Nil

**1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University**

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

### 1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

#### 1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

41

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

### 1.2.2 - Number of Add on /Certificate programs offered during the year

#### 1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

07

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

### 1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

1336

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

### 1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Across all the programs offered at the undergraduate & postgraduate level, a wide number of courses focus on areas/competencies relevant to gender, human values, Environment & Sustainability and Professional Ethics. In all, 59 courses across all streams address the said areas. Out of the 59 courses, 43 courses address gender issues & human values which are integral part of society laying a strong foundation necessary for a peaceful, prosperous and sustainable world. Human values being the virtues that guide us to take into account the human element when we interact with other human beings. That being said 29 courses across all the programs discuss & focus on environment & sustainability & professional ethics. (Ethical obligations toward the environment & human values and ethics that play a crucial in development & future).

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

34

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	<a href="#">View File</a>

### 1.3.3 - Number of students undertaking project work/field work/ internships

2628

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

### 1.4 - Feedback System

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni**

A. All of the above

File Description	Documents
URL for stakeholder feedback report	<a href="https://rdnational.ac.in/Docs/IQAC/feedback/feedback_report.pdf">https://rdnational.ac.in/Docs/IQAC/feedback/feedback_report.pdf</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

<b>1.4.2 - Feedback process of the Institution may be classified as follows</b>	<b>A. Feedback collected, analyzed and action taken and feedback available on website</b>
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File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://rdnational.ac.in/Docs/IQAC/feedback/feedback_report.pdf">https://rdnational.ac.in/Docs/IQAC/feedback/feedback_report.pdf</a>

**TEACHING-LEARNING AND EVALUATION**

**2.1 - Student Enrollment and Profile**

**2.1.1 - Enrolment Number Number of students admitted during the year**

**2.1.1.1 - Number of students admitted during the year**

**3931**

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)**

**2.1.2.1 - Number of actual students admitted from the reserved categories during the year**

**277**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

**2.2 - Catering to Student Diversity**

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

**Institution has a proper mechanism to distinguish the slow and advanced learners like pre and post aptitude test in the beginning**

of curriculum delivery. Slow learners' are assisted with several opportunities and arrangements remedial sessions, Tutor-Mentor System to provide extended support, mentoring through Alumni, Extra Coaching, Personal attention and Counselling sessions.

For enriching the Advanced learners, opportunities like Research Paper Presentation such as AVISHKAR, Envisage, Participation in Seminar Presentation, Poster Presentation, Business Plans, Quiz Competition and Debates are provided. The Advanced learners receive an academic recognition at the time of Achievers Day, Departmental Fests and Convocation.

The institution provides various learning opportunities by way of Industrial Visits, Field Trips, Class Seminars, Workshops, Webinars and Guest Lectures on varying topics are conducted throughout the year.

Institute is aware of the general scholastic abilities of students as per their responses in the classroom as well as the performance in the Internal and External Examinations. All students are encouraged to enrol for various online courses via Coursera depending upon their scholastic abilities.

For appreciation and self-evaluation of the undergraduate Physics students, college is centre of Physics Talent Examinations which is handled by state-level & Indian Association of Physics Teachers that provides practice tests for competitive examinations.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

### 2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
3931	147

File Description	Documents
Any additional information	<a href="#">View File</a>

### 2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

The institute focuses on the student-centric methods such as experiential learning, participative learning and problem-solving methodologies for enhancing learning experiences.

Experiential Learning activities such as Project Work incorporated in the curriculum, Internships or Field projects in industry, Participation in competitions at various level, Field Visits and Industrial Visits, Guest Lectures, Seminars, Webinars and Workshops are conducted by the institute throughout the year.

Participative Learning employing Role Play, Team Projects/Assignments, ICT Enabled Teaching (Language Laboratory), Debates and Group Discussions are a regular practice of the institute.

Problem-solving is a quintessential part of the curriculum in the institute. Activities like Case Studies, Analytical Reasoning, Discussion, Quizzes, Tutorials, Preparation of College Magazine (creativity skills), Undergraduate Research Activities (Envisage), Honours Program, Paper Presentation, Participation in AVISHKAR, stellar presence of Institute Innovation Council in the Institute promotes problem solving amongst the students.

Extension Activities are employed for sensitising students by way of activities such as Tree Plantation Drives, Blood Donation Drives, Swachh Bharat Abhiyan, Food Distribution Drive, Promotion of Khadi mask, Cleanliness Drives and Voters Awareness Programmes are organised.

To help the students develop as all-rounders, they are encouraged to organise and participate in intra and inter collegiate academic, sports and cultural festivals.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The institute has enabled access to Desktops, Laptops, LCD Projectors, Internet Connectivity on campus, Visualizer, Digital Camera, Mobile Phones, Headset Microphones with Speaker and Classrooms and Seminar Rooms with LCD facility for the use of teachers, support staff and students.

The college has also procured Licensed Google Suite which has supported online learning via Google Classroom where the students have access to the study material and Google Meet with facility of recording and white-boarding.

Examinations are conducted through MasterSoft software. The students have access to Student Diary App which is a smart phone interface of the Institute ERP keeping all stakeholders in the connectivity loop. Information about upcoming events, time table and courses, notifications and payment alerts can be accessed anytime on the app or website.

The institute has set-up institutional Ids for all teachers and students. The institute also has its own Zoom Premium Account as well as Microsoft Teams Account.

The other ICT enabled tools are - Inflibnet, MOOC: Swayam, NPTEL, Simulations and Academic repository from YouTube.

The institute uses Virtual Lab in collaboration with IIT Delhi for simulation-based learning. The institute is striving for a WIFI enabled campus with high-speed Internet connectivity.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View File</a>

### 2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year )

#### 2.3.3.1 - Number of mentors

147



File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

## 2.4 - Teacher Profile and Quality

### 2.4.1 - Number of full time teachers against sanctioned posts during the year

37

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

### 2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

#### 2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

23

File Description	Documents
Any additional information	<a href="#">View File</a>
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	<a href="#">View File</a>

### 2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

#### 2.4.3.1 - Total experience of full-time teachers

785	
File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

**2.5 - Evaluation Process and Reforms**

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The institution is affiliated to University of Mumbai and follows the evaluation pattern framed by the University. The college has a well constituted examination committee. This committee is a statutory body and is responsible for conducting examinations , declaration of results.

The institute has access to G-Suite. Projects and assignments are collected and graded via google classroom. Every student is provided with an institutional email id for correspondence and continuous assessment including projects, presentations, field work etc. There is provision for recording of Viva-voce, classroom discussion, debates on the google meet.

Examinations are conducted on MasterSoft Platform. Proctoring of examinations, Mapping of teachers to respective courses enables thorough verification, transparency and quick declaration of results.

Student to Teacher Mapping for any queries via Online War Room before, during and after Examination for handling of queries and grievances.

General Guidelines / FAQ's / Steps for Online Examinations are displayed on the college website. Multiple mock exams for the students before the actual examination.

The students also have access to Student Diary App which is a smart phone interface of the Institute ERP. Information about upcoming events, time table and courses, notifications, payment alerts can be accessed anytime on the app.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

**1. Redressal mechanism for grievances before Exam Online Mode**

An email on the ID constituted by the examination committee is required for grievances like non-issuance of hall ticket & correction in name/subjects selected. The revised document is issued on Student Diary App. Discrepancies reported by the student regarding University Examinations, are resolved along with the University examination department.

**2. Redressal mechanism for grievances during Exam Online Mode**

Mentor/Supervisor inform the Examination Committee via Online War Room about any discrepancy/doubt in question paper reported by student who take necessary action. For University Examinations the Chief-Conductor /DEPD coordinator inform University Control Room about the student's grievance which is addressed by University Authorities.

Address of Unfair means: Via MasterSoft Software Live Exam Proctoring is done. The committee views candidates' images during the exam and records malpractice log. The Examination Committee reports the same to the Exam Convenor who takes the necessary decision.

This process takes 10-15 working days.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	Nil

**2.6 - Student Performance and Learning Outcomes**

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated

and displayed on website and communicated to teachers and students.

The Course Outcomes (CO) designed through curriculum mapping identifying courses, portions/series of courses fulfilling each PO and minimum achievement required for success, are demonstrated and supported through assessment and teaching-learning activities. PSOs

statements focus on the specific knowledge of core subject. POs, PSOs, COs are displayed

for all stakeholders at Institutes' website, HOD cabins, Notice Boards and Department laboratories. The students are informed about the Course Objectives and Outcomes for their program during the induction. Every course teacher discusses expected CO with students in first session plan at the beginning of each semester. POs, PSOs and COs are mandatory part of course file prepared by course teacher.

Head of department (HOD) consults faculty and prepares the draft of the PSO and POs with the teachers, which are in line with Graduate Attributes and Vision, Mission of the Institute and department.

Tools for measuring Course Outcomes include Internal Class Test, Semester Examinations, Tutorials, Assignments, Project work, Labs, Presentations and Employer/Alumni Feedback.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The academic programmes offered by the institution have a clearly stated learning outcome. It is integrated with institutional goals and objectives. The learning outcome is disseminated through the syllabus which is designed by the affiliating University. The performance of the students in curricular and co-curricular

activities provides a valuable insight to deliberate on the achievement of the learning outcome. The teaching methodologies and assessment strategies focus on competency-based education and programme outcome. The Institution has well-structured evaluation procedures for Internal and Semester End Assessment to ensure the achievement of PSOs & CO. Continuous assessment through evaluation, assignments and seminars provides an opportunity for the stakeholders to critically evaluate the learning outcome. A coherent assessment of the learning outcome is conducted by IQAC through internal and external audits of the academic programmes. Assessing placements of students is another effective method used by the institution to validate the learning outcome. Most students who opt for higher education also provide feedback that reflect on their previous learning environment to provide a critical analysis of the learning outcome.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil

### 2.6.3 - Pass percentage of Students during the year

#### 2.6.3.1 - Total number of final year students who passed the university examination during the year

1073

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

### 2.7 - Student Satisfaction Survey

#### 2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

[https://rdnational.ac.in/Docs/naac/student\\_satisfaction\\_survey\\_20](https://rdnational.ac.in/Docs/naac/student_satisfaction_survey_20)

[20-2021.pdf](#)

**RESEARCH, INNOVATIONS AND EXTENSION**

**3.1 - Resource Mobilization for Research**

**3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)**

**3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)**

7826857

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	<a href="#">View File</a>
List of endowments / projects with details of grants(Data Template)	<a href="#">View File</a>

**3.1.2 - Number of teachers recognized as research guides (latest completed academic year)**

**3.1.2.1 - Number of teachers recognized as research guides**

07

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

**3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year**

**3.1.3.1 - Number of departments having Research projects funded by government and non-government agencies during the year**

10

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="https://rdnational.ac.in/pages/dbt/index.html">https://rdnational.ac.in/pages/dbt/index.html</a>

### 3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

There was a pressing need of Institute Level Innovation Centre that can be a focal point for creating an Innovation & Start-up Ecosystem. R.D. & S.H. National College has always been a front runner in Mumbai region for such initiatives. Keeping this in mind, IIC-RDNC was established on September 1st, 2018. In 2019, the IIC-RDNC stirred the overall Innovation and Entrepreneurship Ecosystem in the institute and submitted a total of 81 activities; 31 IIC driven, 23 MIC driven and 27 self-driven activities which resulted in 5-star rating with a score of 99.17 and 62.7 rewards points. In 2020-21, the IIC 3.0 of the college has so far received 3.5/4 stars with more than 60 activities in the various fields of innovation, IPR, Start-ups and entrepreneurship. It is noteworthy that during Covid-19 pandemic, IIC RDNC has initiated establishment of a Pre-incubation centre "Vidyasagar Principal Kundnani Innovation and Entrepreneurship Centre (VPKIEC). Institute has successfully completed NISP formation and now is in the implementation stage. In 2020-2021, IIC has successfully completed training of 07 Innovation Ambassadors and filed 03 patents and several POCs, Business plans and research projects in pipelines. College has applied for Mentor-Mentee scheme to conduct Entrepreneurship training to other institutions from Maharashtra.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://rdnational.ac.in/pages/iic/activities.html">https://rdnational.ac.in/pages/iic/activities.html</a>

### 3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

#### 3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

53

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.3 - Research Publications and Awards

#### 3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

##### 3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

04

File Description	Documents
URL to the research page on HEI website	<a href="https://rdnational.ac.in/#!/pages/Academics/Academics-Research.html">https://rdnational.ac.in/#!/pages/Academics/Academics-Research.html</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

##### 3.3.2.1 - Number of research papers in the Journals notified on UGC website during the



**year**

**24**

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

**3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year**

**3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year**

**11**

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

**3.4 - Extension Activities**

3.4.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The college has been instrumental in addressing pressing issues in society like child sexual abuse, women trafficking, environment pollution & conservation, communal harmony and others. Several university-level programs, area-based awareness activities and sensitization workshops for youth were organised and Social Action Plans were designed to mobilise the youth to engage extensively with the community and mitigate the issues. We are training, skilling, sensitising and promoting student and volunteers as ambassadors for timely social interventions, public speaking, street plays, planning area-based activities, motivating fellow classmates as well as local community through debates and speeches etc. The initiatives have culminated to bringing major mindset shifts in the 80+ colleges of the University of Mumbai.

The NSS unit has been conducting blood donation drives in the

college thus generating 1000 units each year with a successive increase from ~ 400 in past 3 years. The heroic spirit of the NSS volunteers helped college in mobilizing funds for providing raw food material, running community kitchen, supporting stranded laborers and local community as well as people of the Pansai village adopted by the college. NSS volunteers extended their support by providing actionable protocol given by WHO to prepare hand-sanitizer requested by some colleges and agencies.

File Description	Documents
Paste link for additional information	<a href="https://drive.google.com/file/d/1Dj2sdT1zeVEpfI1Y2eVAL-YioAx6CHUW/view?usp=sharing">Link for additional information a. Seminar on Child Sexual Abuse - https://drive.google.com/file/d/1Dj2sdT1zeVEpfI1Y2eVAL-YioAx6CHUW/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1mpjKHGzJxfgVzEgeV56UThwT97ciLsOU/view?usp=sharing">b. Environemnt Day - https://drive.google.com/file/d/1mpjKHGzJxfgVzEgeV56UThwT97ciLsOU/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1oDCMzwsAj65m3Vc13bLz5QQYfJ30Mk7g/view?usp=sharing">c. WHO formula for hand sanitizers - https://drive.google.com/file/d/1oDCMzwsAj65m3Vc13bLz5QQYfJ30Mk7g/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1oDCMzwsAj65m3Vc13bLz5QQYfJ30Mk7g/view?usp=sharing">d. Actions and activities during Covid - https://drive.google.com/file/d/1oDCMzwsAj65m3Vc13bLz5QQYfJ30Mk7g/view?usp=sharing</a>
Upload any additional information	<a href="#">View File</a>

### 3.4.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

#### 3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

17

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

### 3.4.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., ( including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry,

**community and NGOs ) during the year**

**3.4.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year**

104

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

**3.4.4 - Number of students participating in extension activities at 3.4.3. above during year**

**3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year**

17486

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

**3.5 - Collaboration**

**3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year**

**3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year**

124

File Description	Documents
e-copies of related Document	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>

### 3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

#### 3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year

20

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

## INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

Established in 1949 , A three-story , college is located in the heart of Mumbai, Bandra, with an area of 20,000sq.

There are 22 classrooms, equipped with ICT, LCD projector and Wi-Fi facilities. The classrooms are well designed both aesthetically and functionally.

The College has two Conference Rooms with a seating capacity of 120 and 80 respectively with Multimedia Facilities, an advanced sound system, Computers, and Internet Connection. The College has 20 well-equipped laboratories. The

Computer, Maths and Statistics, IT, and BMM Laboratories are equipped with the latest i5 Generation desktops. The College also has got IIT -Mumbai Virtual lab in 2020-21. Common Facility Center(CFC), InstrumentationvLab, and E-Learning lab have helped in the creation of online content and MOOCs.

Research Centers available in the college provide sufficient support to Research Aspirants. Institution Innovation Council (IIC) is a brainstorming room for newbudding entrepreneurs and industry stalwarts.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

The facilities available in the college are as follows: Multi-Purpose Sports Centre(Gymkhana) (for Indoor Sports): The CollegeMulti-Purpose Sports Centre located at the Ground Floor is of 42.6 X 74.8 sq. ft. The Sports Centre has a Gymnasium equipped with exercising equipments, indoor games, and equipment kits for Outdoor Sports. In 2020-21, due to Covid Restrictions, the user rate of the Gymkhana of college was very low. On average 5 students per day were utilizing the amenities of the gymkhana. Multi-Purpose Outdoor Court (for Outdoor Sports): The college has a Volleyball cum Basketball Court of 79 X 58 Sq.ft in its premises that cater to a number of outdoor sports. The Auditorium: The college has a state-of-the-art, fully air-conditioned, auditorium with a seating capacity of 600 that is utilized for various cultural, educational, and student enrichment programs. It also has a dedicated Control Room with Light and Sound Mixing Facilities and Green Rooms.

Two conference rooms for various cultural activites by the departments. Botanical Garden: Sports, recreational, cultural, and academic facilities are a must to be carried out at students' favourite place, The Botanical Gardens.

Niche area is used for cultural event practices by students.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://rdnational.ac.in/pages/about/infrastructure/infra.html">https://rdnational.ac.in/pages/about/infrastructure/infra.html</a>

**4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.**

24

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

**4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)**

**4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)**

5285365

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

**4.2 - Library as a Learning Resource**

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Name of ILMS software : Koha

**Nature of automation (fully or partially): Fully**

**Version : 21.05.08**

**Year of Automation : 2004 onwards**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	Nil

**4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources**

**A. Any 4 or more of the above**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

**4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)**

**4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)**

**199941.8**

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

**4.2.4 - Number per day usage of library by teachers and students ( foot falls and login data for online access) (Data for the latest completed academic year)**

**4.2.4.1 - Number of teachers and students using library per day over last one year**

4

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	No File Uploaded

**4.3 - IT Infrastructure**

**4.3.1 - Institution frequently updates its IT facilities including Wi-Fi**

Our institute has a very well crafted infrastructure that's developed from time to time, to meet the new technological needs. The Teaching-Learning pedagogy used in the classrooms is IT-enabled. The college has Win Cable Internet services connected through LAN and Wi-Fi networks. Our College has upgraded its IT resources to enhance its IT assets. Investments were made on high-end Laptops and Wacom pen tabs, MATLAB software, and latest generation desktops. Devices that are in working condition include 234 Desktops, 13 Laptops, 67 B&W Laser Printers, 1 Colour printer, 3 B&W Printer/ Scanner/ Copier, 5 Pen tablets, and 26 LCDs. Every classroom has a facility of LCD projector. All the Computers are equipped with Wi-Fi Routers for 24 hr Internet Connectivity. All computers have a licensed operating system and legal antivirus. Several licensed software has been purchased to meet the needs of the curriculum. The college promotes the use of Open Source Software e.g. Open Office being installed in the IT Laboratory. The College has invested in Google Workspace which has an LMS package that can accommodate 10000 members under its system for online lectures, assignments submissions and project works. The College has bought an ERP from Mastersoft which manages and tracks the admission process, fee payments, examinations, hall ticket generation, and result declaration. War rooms are created with the facility of Proctoring and Student to Teacher mapping.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	Nil

**4.3.2 - Number of Computers**



234

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	<a href="#">View File</a>

**4.3.3 - Bandwidth of internet connection in the Institution**

C.10 - 30MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

**4.4 - Maintenance of Campus Infrastructure**

**4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)**

**4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)**

1002396

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The college has a Policy and Procedure for the usage and maintenance of physical and academic facilities within the campus. The Purchase orders are issued for all outsourced purchases. Classroom scheduling, allocation, and usage of classrooms are decided by The Time-Table committee. Master time-

table for classroom and laboratory instructions are prepared to optimize utilization. Laboratory schedules are decided by the Heads of Department and optimum use of laboratories is taken care of. Library facilities are extended to all students and faculty. The Sports Facilities are planned by The Physical Director in consultation with the Gymkhana committee and Principal. Computers are used by students on a rotational basis. The Space allocation for academic and External activities is done by the Officer inCharge /Registrar of the College through a request form. College space is allocated to external users based on need and the Principal's approval. A Housekeeping agency has been appointed which oversees the maintenance of classrooms and routine cleaning procedures. Annual maintenance contracts are in place for housekeeping and maintenance of IT infrastructure and laboratory equipment is maintained by the support staff. Day-to-day plumbing and carpentry needs are handled by the support staff. Major problems are brought to the notice of the Principal. Fire extinguishers have been installed on each floor and in all laboratories. Pest control is carried out regularly.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

#### 5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

##### 5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

50

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	<a href="#">View File</a>

**5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year**

**5.1.2.1 - Total number of students benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year**

03

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills**

A. All of the above

File Description	Documents
Link to Institutional website	Nil
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

<b>5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year</b>	
204	
<b>5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year</b>	
204	
File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>
<b>5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees</b>	<b>A. All of the above</b>
File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>
<b>5.2 - Student Progression</b>	
<b>5.2.1 - Number of placement of outgoing students during the year</b>	
<b>5.2.1.1 - Number of outgoing students placed during the year</b>	

248

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	<a href="#">View File</a>

### 5.2.2 - Number of students progressing to higher education during the year

#### 5.2.2.1 - Number of outgoing student progression to higher education

301

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
Details of student progression to higher education	<a href="#">View File</a>

### 5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

#### 5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

07

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<a href="#">View File</a>

### 5.3 - Student Participation and Activities

**5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year**

**5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.**

04

File Description	Documents
e-copies of award letters and certificates	<a href="#">View File</a>
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

**5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms )**

The college constitutes a Student Council as per the guidelines of the University of Mumbai.

The elections of the Student Council are conducted as per the prescribed norms.

The President, Secretary, Lady Representative and Reservation Representative are elected every year.

In addition to the core committee, representatives from NSS, Sports and Cultural are nominated.

There is also a Class Representative from each division.

The council is headed by a senior faculty member who acts as the Coordinator.

The Sports In-charge and the NSS Program Officer are also active faculty members of the council,

Beside this the college also selects student representation for

Institute Innovation Council . There are 300 students, registered for the same.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

### 5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

#### 5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

25

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions) (Data Template)	<a href="#">View File</a>

### 5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

- The College has an Alumni Association of Nationalites (AAN) which regularly helps the college for organizing events, inter- collegiate festivals and development of the college infrastructure .
- The alumni have contributed immensely for starting various projects in the college.
- They also act as mentors for the students and conduct lectures and mentorship sessions for them.
- Few alumni have also helped in paying fees of the students

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

<b>5.4.2 - Alumni contribution during the year (INR in Lakhs)</b>	<b>E. &lt;1Lakhs</b>
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File Description	Documents
Upload any additional information	No File Uploaded

**GOVERNANCE, LEADERSHIP AND MANAGEMENT**

**6.1 - Institutional Vision and Leadership**

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

The college caters to the needs of students through webinars and seminars, encouraging student participation in sports and cultural activities, providing a robust research-oriented environment, engaging students in external as well as in-house internships, providing online MOOC Courses, sensitization about social needs through NSS activities. Teachers' skills upgradation rendered through orientation courses, refresher courses, Faculty development program. Trains non-teaching staff on Soft skills, office management skills, computer skills. The college introduces skill based and add on courses for the employability through certificate courses and IIC; social responsibilities through NSS activities. A feedback mechanism for self- assessment and improvement while building a strong alumni. Shift from electricity to solar power, installation of energy friendly power systems, and development of plastic-free campus are on the priority list. Decentralization of leadership for effective administration and deliverance. Senior teachers appointed as conveners of statutory committees like IQAC, examinations, sports & cultural, NSS to ensure their smooth functioning. Internal committees like outreach, tutor system, timetable and attendance for better coordination and implementation of college activities. The conveners of different committees report to the vice-principals who update the principal leading to a proper hierarchical dissemination of decisions and outcome.



File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The Institute has decentralized its operations and delegated responsibility at multiple levels. The Institution has a Local Managing Committee comprising of representation of management, teaching staff and administrative staff.

Academic Quality activities such as the academic audit process and faculty performance reviews are monitored and streamlined by the Internal Quality Assurance Cell.

The heads of departments have sufficient autonomy to oversee the operations of their respective departments. The department Heads, faculty members, support staff as well as the students, collaborate to create an ecosystem to achieve various goals of outcome-based teaching-learning. The teachers are motivated with all sorts of support to work creatively on various statutory bodies and other committees made for need-based extension activities.

Faculty members are encouraged to join committees to demonstrate their administration skills, including professional responsibility and accountability. This ensures their ability to make sound decisions when it comes to planning academic, administrative, co-curricular, and extra-curricular activities during the academic year. They have been entrusted with the task of organising seminars, workshops, conferences, FDPs, and guest lectures, as well as industrial visits and collaboration with industry for the academic benefit of students. The responsibility of financial matters of the college is delegated to a Finance Officer.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

## 6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The Strategic plans focus on Human Resource development , Better Learning outcomes for students , wider academic research culture , consultancy and extension activities , infrastructural augmentation for academic and administration purpose , use of ICT in Teaching Learning , introduction of new programmes etc. The IQAC, on the recommendations of the NAAC Peer Team and the institute's vision, mission, objectives and core values plans and implements upon these strategies

Activity: Technologically Enabled Campus: Secured Wi Fi Campus.

Setup includes the following

- Passive Networking : Copper Cable -1G used as a backbone. Wired Users and Access points connected by Cat 6 UTP. Network Rack to Secure Hardware Devices like - Switches, Patch panel and other rack mount devices
- Active Networking : Single Network for Data, Wireless and CCTV. Core to access connectivity with redundancy and High Availability.
- Wireless : Wi-Fi 5 Access point Solution power of IEEE 802.11ac Wave 2 wireless and experience wireless speeds of up to 1,300 Mbps. Wi-Fi 5 having MU-MIMO solution for better Speed and user experience. Support Enterprise Security with 802.1X and Authentication .
- Security: Firewall in high availability mode to ensure security. Security Solution with Threat Defense Threat, Malware and URL Filtering.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The college has a hierarchical structure involving the Principal,

The vice principals, Head of Departments , IQAC, Conveners of various committees and the Registrar. This hierarchical structure ensures proper monitoring, evaluation, execution and periodic review of the policies of the institution. The Principal, the Head of all the academic and administrative operations of the college is authorized and empowered to guide and direct the administration of the college.

Day-to-day administration is aided by Vice Principals ,IQAC convener , Academic Department Heads, Registrar , Accounts in Charge ,Training and Placement Officer , Controller of Exams etc for building efficiencies. Each department has a Head (HOD) who is responsible for the smooth functioning and growth of the department. The statutory committees are headed by personnel with proportionate authority and responsibility. The Registrar interacts with the administrative staff and the non-teaching staff and delegates duties to them. He/ She also reviews the functioning of the duties allotted in consultation with the Principal.

**Service rules, Recruitment, Policies & Procedures:**

The institute adheres to the rules and guidelines established by the University of Mumbai and the Government of Maharashtra agencies for recruitment and Career Advancement of the staff members.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	<a href="https://rdnational.ac.in/pages/about/organogram.html">https://rdnational.ac.in/pages/about/organogram.html</a>
Upload any additional information	<a href="#">View File</a>

**6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination**

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user inter faces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

#### 6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

- Timely disbursement of salary for the staff whenever there is a delay on receiving the salary grant.
- Felicitation of Teaching & non Teaching staff on completion of 25 years of service, on obtaining Ph.D. and other merits.
- Doctor on call facility and Medical camps organized by the College.
- Special leave is granted on account of major illness and there is a provision for subsidized/free treatment for nearly terminal illness.
- Admission to wards of teaching staff in any of the sister institutions based on merit.
- Reimbursement of registration fees for Paper Presentation and attending conferences.
- Incentives for research publication by the institution.
- Recruitment of kith-kin of the deceased staff member (on duty) as per the rule.
- Wards of non-teaching staff are enrolled and given 50% concession in fees.
- Free wi-fi facility on campus and email addresses using the domain name of the institution are provided to the staff members.
- During festival time an interest free loan is made available to the support staff which is recovered on a monthly basis.
- Promotion benefits to both Teaching & Non-Teaching staff.
- The management has permitted to start a co-operative society to give loan to nonteaching staff.
- Awareness programmes and Faculty Development Programs for

**Staff.**

File Description	Documents
Paste link for additional information	<b>Nil</b>
Upload any additional information	<b>No File Uploaded</b>

**6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year**

**6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year**

**2**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

**6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year**

**6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year**

**24**

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File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

**6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)**

**6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year**

**24**

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

**6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff**

The performance appraisal system of the staff is implemented in accordance with the UGC guidelines. IQAC and the Audit Committee of the College conduct an Academic & Administrative Audit of the institution based on the seven criteria. The final audit report

is given to the Principal and the departments for improvement.

The institution conducts a Performance Appraisal of the teaching and Non-Teaching staff regularly to ensure enhanced performance . Each member of the faculty is given a Teacher’s Handbook at the beginning of the year which is checked periodically by the HOD and the respective Vice Principals. Self-appraisal forms are submitted by the concerned staff and the confidential report is submitted by the HOD to the higher authorities.

Appraisal is taken for teachers due for promotion to a higher grade by IQAC Committee constituted for the same with external experts nominated by the Joint Director’s Office and the University, based on their PBAS Proforma. The overall performance of teachers concerned and suggestions for improvement are evaluated. Conveners of the various committees report to the incharge and submit an annual report of their committees. Performance Appraisal by the student feedback / Student Appraisal of Teachers through ERP in the online mode.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

#### 6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

- Consistent internal and external financial audits by the institution.
- Internal audit carried out by Accounts department while external audits carried out by external auditors representing an independent audit.
- Audited accounts and balance sheet get uploaded on our website.
- Ensuing Internal audit, an External audit is conducted by statutory auditors after the financial year. The observations by the auditors are complied with.
- Based on the consolidated reports, the Institution files the annual returns every year for Income tax and GST.

- Financial audits are conducted regularly and separately for the following accounts:

**DBT STAR COLLEGE :**

The Star College Scheme Committee comprising of teachers from six Science Departments and the finance officer of the college are the internal auditors to validate and authenticate the expenditure process.

**DST -FIST :**

- The utilization of the allocated fund released through the PFMS system of Central Plan Scheme Monitoring System (CPSMS) is managed by the committee for the DST -FIST fund.
- For government funds, audits are conducted as per their norms.
- The utilisation certificates verified and audited by the authorised Chartered Accountant are duly submitted.
- Audit clarifications/objections if any are resolved immediately and anomalies cleared with utmost care.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

**6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)**

**464000**

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>



6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

The main source is the salary grant received from the State Government. In addition Grants are received from UGC and other agencies. Fees collected from students also adds to this corpus. The other avenues of accumulating funds is bank interest on deposits sponsorships for various activities. The college earns revenue by renting the auditorium, classroom, conference room, campus etc.

**Government Funds**

The institution is vigilant in mobilizing funds from Government schemes, and has received Central Government funds such as the UGC XII Plan, DST/FIST, DBT Star College fund. Institute applies for grants to the University for Minor/Major Research Project to purchase the latest laboratory equipment. PFMS System is implemented for all governmental scheme for optimum utilization of expenditure regularly.

**Non-Government Funds:**

The institutional leadership and various stakeholders take initiatives to mobilize various resources as required for the effective functioning of the College. The major sources of mobilization include the Alumni Association of Nationalities. (AAN)

Funds have also been mobilized through well-wishers , Corporate Social Responsibility Funds to set up the Medicinal Garden , Water Treatment Plant , Secured Wi Fi campus and Sound and Editing Studio.

The Institute gets sponsorships from industries, private firms, and individuals for various technical and nontechnical events.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

**6.5 - Internal Quality Assurance System**

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing

the quality assurance strategies and processes

The IQAC has continuously introduced initiatives for strengthening and up gradation of activities for quality enhancement.

The initiatives include incorporation of automation and use of technology mandatory in day to day functioning of institute.

As the COVID-19 situation was prevailing in the academic year 2020-21 the academic activities like admission, teaching, evaluation had to be reoriented and redesigned.

Admission process was completely shifted to online mode including document verification and payment of fees through several firms with several modes of digital transaction.

The teaching faculty was trained for effective use of G-Suite based applications for teaching and several other LMS platforms.

Institutional E -Mail ID for faculty and students.

As the examinations had to be conducted in online mode training was organized for faculty on setting of question papers in MCQ format.

Mock Examinations were conducted for all students to make them habitual to the platform for online conduct of examinations.

War Room setup to assist the students during examinations.

Webinars organized by several departments.

Activities of co-curricular and extra-curricular departments were redesigned so that they can be conducted in online mode.

Extension activities by NSS, conducted all the regular and special programmes.

Community based initiatives by the institution.

Participation in Online Research Conventions was encouraged.

File Description	Documents
Paste link for additional information	<a href="https://rdnational.ac.in/Docs/naac/quality_assurance_initiatives.pdf">https://rdnational.ac.in/Docs/naac/quality_assurance_initiatives.pdf</a>
Upload any additional information	No File Uploaded

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Spacious classrooms, state of the art laboratories, knowledge resources in library and ICT facilities in classrooms.

Participation of teachers in framing of syllabi at UG and PG level at the University.

Discussion of syllabus, examination pattern and the PSOs and COs with students at the beginning of the academic session to create a clear understanding of curriculum.

Use of tools: projects, internships, field visits, online webinars and ICT based teaching including LMS like Google Classroom, workbooks, practical manuals, guest lectures to aid learning.

Teachers maintain their individual logbook that are periodically checked by respective vice-principals to monitor the quality and progress of the teaching-learning process.

Students review the teaching learning process by getting feedback from them in prescribed format once in each semester. Many departments call parents' meetings.

IQAC takes review of the activities carried out by different committees and discusses the External Academic Audit report periodically and suggests changes for improvement. The success of this effort is seen in form of extremely good results at U.G. & P.G. examinations, medals in Avishkar and other research competitions, placement in organizations within and beyond state and high rate of progression along with higher percentage of result than the parent university.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

<p><b>6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)</b></p>	<p><b>B. Any 3 of the above</b></p>
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File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

**INSTITUTIONAL VALUES AND BEST PRACTICES**

**7.1 - Institutional Values and Social Responsibilities**

**7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year**

With an urge for Girl-Child Education, the institute pays special focus towards promotion and sensitization of staff and students towards gender equity through the activities of the Women Development Cell, NSS, and various departments. Woman's Day Celebration, launch of the initiative to vaccinate the transgender community on the occasion of 75th Independence Day. The departments also inculcate gender sensitivity through the curriculum- through poems & stories of the Hindi dept (stree, Apne ghar ki talaash (FYBA), Utni door mat byahna baba(SYBA), Beti), the Bizzenture Ad (Maybelline Ad - Lipstick for all), by

BMS department focusing on inclusion of transgenders. Furthermore, the campus is fully fenced and protected with no tress-passers allowed, and has 24x7 CCTV surveillance with 24 hours' security-guards (including female security staff) on each floor and each gate. The college also offers free and confidential individual counseling focussing on empowerment, personal growth, and equality. The mental HelpLine during pandemic, online webinars and counselling workshops are a few instances of the same.

File Description	Documents
Annual gender sensitization action plan	<a href="https://rdnational.ac.in/Docs/naac/gender_sensitization_plan.pdf">https://rdnational.ac.in/Docs/naac/gender_sensitization_plan.pdf</a>
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="https://rdnational.ac.in/Docs/naac/facilities_for_women.pdf">https://rdnational.ac.in/Docs/naac/facilities_for_women.pdf</a>

**7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment**

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

**Solid Waste Management:**Efforts towards zero emission of Biowaste generated in college like leaf litter, canteen waste, non-pathogenic biowaste from Biology Laboratories is composted. The college has taken initiatives such as vermicomposting pit for management of Canteen uncooked waste, while cooked food is composted in tumblers. Manure thus generated is used in the college garden.

**Liquid waste management:** The college has in-house water recycling plant catering to the waste water recycle of laboratories. This recycled water is used to water the plants and trees in the campus.

**Biomedical waste management:**No biomedical waste, while the waste from biotechnology is treated by autoclaving.

**Waste recycling system:**Separate Waste Bins for collecting dry and wet wastes are provided on every floor and in the open spaces of the college for collection of waste. Paper waste is given to approved paper recycling agency so that it doesn't add up to carbon generation.

**Hazardous chemicals:** Chemistry experiments are carried out in micro/semi micro scale to reduce the release of pollutants. Strong chemicals are neutralized before disposal

**E-waste management:**E-waste are properly stored. Non-working computers, monitors and printers are discarded and recycled on a systematic basis.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	<a href="#">View File</a>

**7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus**

**B. Any 3 of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

<b>7.1.5 - Green campus initiatives include</b>	
<b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b>  <b>1.Restricted entry of automobiles</b> <b>2.Use of bicycles/ Battery-powered vehicles</b> <b>3.Pedestrian-friendly pathways</b> <b>4.Ban on use of plastic</b> <b>5.Landscaping</b>	<b>A. Any 4 or All of the above</b>
<b>File Description</b>	<b>Documents</b>
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<a href="#">View File</a>
<b>7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution</b>	
<b>7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities</b>	<b>B. Any 3 of the above</b>
<b>File Description</b>	<b>Documents</b>
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<b>No File Uploaded</b>
Certificates of the awards received	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>
<b>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms</b>	<b>B. Any 3 of the above</b>

**Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment**  
**5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	No File Uploaded
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

**Celebrating Ganesh Chaturthi, Founder's Day, Diwali Celebrations for support staff,**

**Be The Change - A Food Distribution Drive In Association With Bhamla Foundation (23/10/2020)**

**Felicitation As a Covid Warrior By The Hon. Governor Of Maharashtra (4/10/20)**

**As a part of Foundation Course, students performed role-play on cultural diversity of Indian Society. FC syllabus and Internal projects are based on the topics of Inclusivity.**

**A Session on Value Based Education by Mr. Keyur Waghela.**

**A session on importance of cultivating reading habits for the overall grooming and development of students by Dr. Anand Shethi.**

**International Conference Envisage- Booster Shot for India 2021- Rebuilding Confidence, Rebooting Economy, Online Poster and Power Point Presentation (20/03/2021)**



Jashaan (11/12/2020), Sindhi-Sahityakaranji-Virasat-Asanji-Amanat

Activities by NSS such as

Relief work at Adopted Village Pansai, Dist. Raigad

FACE-SHIELD MASKS DISTRIBUTION TO CLEANERS AND OTHER STAFF OF BMC IN BANDRA H/W/WARD

The project CONTINUING EDUCATION THROUGH DIGITAL MEANS AT ADOPTED VILLAGE PANSAI to circumvent the educational concerns of Village adopted by NSS unit,. Since mobile phones are unavailable with children,

A MI 42 screen smart TV, with 15 GB facility, installed at Government Primary school with more than 500 lectures/animations on various topics from Class -1 to Class 5, uploaded.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	No File Uploaded

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Days of national & constitutional importance are celebrated. The students sensitized about 73rd- 74th Constitutional Amendment Acts and given special training on Rural-Urban Development and Local Government in India. We have signed MoU with Praja Foundation Mumbai, a data-driven institution in Urban Local self government. College imbibes consciousness about national identities and symbols; Fundamental Duties and Rights of Indian through subjects like Foundation Course & optional papers like Indian Political System, Indian Constitution, and Indian Public Administration, Indian National Movement etc. The institution organizes 'Annual National Lecture Series' wherein topics like State, Politics, Economy and Governance; Human Rights; Social Policy; Social Justice, Women Rights and Welfare are covered. Perspectives and thoughts of great national leaders form a part of syllabus in various courses. To give exposure about functional aspects of Indian Constitution the Department of Political Science organizes Visits to Maharashtra Vidhan Bhavan to witness

the proceedings. It also organizes annual festival "Prajatantra" where a model government, party system and political process are implemented. College organizes several blood donation drives, food donation drives, road safety awareness campaigns, first aid training, orphanages & old age homes visit, donation drives, etc.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://rdnational.ac.in/Docs/naac/responsible_students.pdf">https://rdnational.ac.in/Docs/naac/responsible_students.pdf</a>
Any other relevant information	Nil

**7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized**

A. All of the above

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	<a href="#">View File</a>
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

**Independence Day: Felicitation of Covid warriors: Doctors, Nursing Staff, Police, BMC, NGOs along with a vaccination Drive for Transgenders.**

## Shaheed Diwas 30th January 2021

- Hindi Bhasha Diwas: Celebrated by Dept of Hindi marking the adoption of Hindi as Official Language of India.
- Gandhi Jayanti: celebrated by N.S.S.(activities such as Bhajans, Poster Presentation on Gandhian Values, etc).
- World AIDS and Human Rights Day celebrations through sensitization programs by the NSS
- Sindhiyat Celebrations: Jashan 2020, a Sindhi cultural fest (11thDecember,2020) and Sindhi-Sahityakaran-Ji-Virasat-Asanji-Amanat (27thMarch,2021)

Christmas Celebrations: spending time with kids from the orphanage through a cultural program on campus.

- Diwali Mela: 11thNovember, 2020 Diwali Celebrations for Support Staff. Virtual Diwali celebrations by the BMS students.
- Republic Day: The launch of initiatives on Environment consciousness.
- Woman's Day Celebration & Felicitation by HSNC University, Inter-collegiate Webinar by Dept of Psychology

International Day of Happiness: Psychomagicum2021 (20thMarch,2021)

•World Suicide Prevention Day - Webinar by Psychology Dept. in association with MNWC and WICCI (9thSeptember,2021)

•World Wildlife Week- Adopt a Plant Initiative 2021

•Vanmahotsav: July 1st to July 7, 2021 - Sapling Planting Drive and caring for it for a month.

•International Biodiversity Day- Guest Lecture by Mr. Avinash Kubal on 22nd May 2021

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	No File Uploaded

## 7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

### 1. Holistic Development of Stakeholders

This practice renders one of the goals of the institution, i.e. to enable stakeholders (students, faculty members, support-staff) to develop their intellectual potential through focused curricular and co-curricular experience that is rich, extensive and collaborative.

This practice is founded on following pillars:

- Promotion of Academic-Industry Partnership through an intensive Campus-Induced Placement Process.
- Promotion of Research Initiatives for students and faculty members through research conferences, seminars, research fundings, and external collaborations.
- Beyond Curriculum: Inter-collegiate Festivals, In-house Internships, Students' Magazines.
- Development of Innovation, Entrepreneurship and Start-up Eco-System through Institutional Innovation Cell.

### 2. Integrated Approach towards Community Outreach and Connect

This practice is linked with the institutional goal of sensitizing students to look at the world from perspective of the less privileged and to respond with concern and empathy. College is making sincere efforts to fuse Academic Activity with Community outreach to foster a strong sense of social commitment and responsibility through the institutional instruments: NSS, Nature club, departmental, and Women-centric activities. The college is also instrumental in encouraging support staff for professional development through preparatory certificate courses

like the 'Professional Proficiency in English for Support Staff' and 'Computer proficiency for the Support Staff'.

File Description	Documents
Best practices in the Institutional website	<a href="https://rdnational.ac.in/Docs/naac/best_practices.pdf">https://rdnational.ac.in/Docs/naac/best_practices.pdf</a>
Any other relevant information	Nil

### 7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

The Institute has scaled up existing garden to botanical garden in true sense (as per Botanical Garden Conservation International, United Kingdom) with plants from various categories and activities such as garden based consultancy, research, herbarium and public engagement.

Consultancy provided in areas of:

1. Afforestation

2. Pharmaceuticals

3. Plant identification to researchers, teachers, students and common public.

-Discovery of new plant species

These endeavors have helped the faculty and involved students in being awarded with:

-Recognition from renowned international taxonomic society

-Recognition of RDNCP herbarium in Index Herbarium at New York Botanical Garden

-Mentoring for establishment of new herbarium and registration to Index Herbariorum.

- This culminated into a National award for contribution to plant nomenclature study and inclusion of two students and one faculty name in Harvard University herbarium database and international plant name index database in February 2021.

- This endeavor has provided more exposure to different plant variety along with the green cover in campus providing for an extremely pleasant and stressbusting environment.

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	No File Uploaded

### 7.3.2 - Plan of action for the next academic year

The institute aims at all-round development of all its stakeholders and to achieve this goal, the following are the strategic plans for the academic year 21-22:

a. Introduction of new courses.

b. Focus on online teaching- learning processes through G-suite educational license for lectures, projects and assignments, use of virtual laboratories, webinars etc., the conduct of admissions and examinations in the online mode. The institute further focuses on preparing the students and faculty members psychologically for offline examinations, if conducted.

c. Initiation and strengthening of extension activities and initiatives such as the mentor-mentee scheme and others.

d. Upgradation of the institute's infrastructure such as the IQAC Room, faculty staffroom. vice principals' cabins and others.

e. Strengthening of Alumni support, placement and internship opportunities for students.

f. Revival of the departmental inter-collegiate festivals and signing of industrial MOUs.

g. Strengthening and modernising the governance of the institute by initiating robust and paperless e-governance policies.

h. Setting up a water-recycling plant and other such initiatives

i. Launching a secured wifi-enabled campus, a state of the art  
Sound and Editing Room and an Industry Interface Room.