Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**RFNS, SENIOR SCIENCE COLLEGE, AKKALKUWA**
Name of the head of the Institution	**Dr. B. N. Patil**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02567-252820**
Mobile no.	**9960577697**
Registered Email	**rfnsseniorscienceakk@gmail.com**
Alternate Email	**drbharatpatil11@gmail.com**
Address	**RFNS, Senior Science College, Akkalkuwa Tal- Akkalkuwa, Dist- Nandurbar (MS)**
City/Town	**Akkalkuwa**
State/UT	**Maharashtra**
Pincode	**425415**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**state**
Name of the IQAC co-ordinator/Director	**Dr. Yogesh A. Dushing**
Phone no/Alternate Phone no.	**02567252820**
Mobile no.	**9226795253**
Registered Email	**rfnsseniorscienceakk@gmail.com**
Alternate Email	**yogeshdushing@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://rfnscience.org/rfnsadmin/Docs/1724213471_Docs_AQAR%202017-18.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://rfnscience.org/rfnsadmin/Docs/1723270947_Docs_Academic%20Calendar%202020 18-19.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**C**	**1.93**	**2018**	**26-Sep-2018**	**25-Sep-2023**

6. Date of Establishment of IQAC

6. Date of Establishment of IQAC	**23-Jun-2017**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

International Yoga Week	15-Jun-2018 06	25
Personality Development Programme	21-Feb-2019 1	55
Disaster Management workshop	13-Aug-2018 1	100

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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
RFNS Senior Science College, Akkalkua	DBT	Goverment of India	2019 365	91540
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View Link](#)
10. Number of IQAC meetings held during the year :	**3**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	[View Uploaded File](#)
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

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

1. Initiate the process for inclusion under the inclusion under sec. 2 (f) 12 (B) of the UGC Act 1956.

2. Strengthen the skill developmental activity for students

3. Review of feedback system regarding quality related process

4.Facilitated to organize workshops/ Training for teachers for qualitative Improvement

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

Plan of Action	Achivements/Outcomes
Workshops on Skill development of students	Organized workshop on Career counselling, NET/ SET preparation were conducted
Celebrate International day	Verious international day like yoga day, cancer day, women's day etc. were celebrated
Celebration of subject days in department	Various department has organized subject days such as, Geography Day, Sports Day, Library Day, Chemistry Day, Botany day, Hindi Day etc.
To arrange for skill development program	Skill developed program were arranged
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
CDC	**17-Jun-2019**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**
Date of Visit	**05-Sep-2018**
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2019**
Date of Submission	**25-Feb-2019**
17. Does the Institution have Management Information System ?	**No**

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The objectives of the curricula offered by KBC NMU, Jalgaon and the goals of the institution are complementary in nature. The range and scope of the courses in each programme assure that the students achieve academic excellence in the respective discipline. Seminar presentations, project works and data mining are imperative for the successful fulfilment of the programmes and they help the students to develop their personality and outlook. Apart from the academic framework, each programme provides exposure to the students to interact with society, industry and institutions through dialogues, seminars, workshops and field studies which ensure their social interaction. The main objective of the institution, which clearly envisages the following three areas for the accomplishment of this objective, viz, Academic excellence, Personality development and Social orientation. Good implementation and completion of curriculum delivery of the year an academic calendar is prepared by the college council in the beginning of the academic year in tune with the academic calendar issued by KBC NMU, Jalgaon. Each department periodically conducts meetings of faculty members to discuss the progress of academic and co-curricular activities and assumes corrective steps. Head of the institute ensure that the syllabus is transacted in time and that continuous evaluation and model examinations are conducted periodically. The faculty members of the college meets wherever required and the implementation of the curriculum in time. Institute provide sufficient supplementary reading materials like books and journals are set up in the library. Assignments, projects and seminar topics are given to the students sufficiently early to facilitate the proper conduct of the classroom sessions. Provision of Laptops and LCD projector to improve teaching practices Question banks are prepared by the institute for betterment of students in their academic performance. Institute organize parent, student and staff meeting in relation to successful implementation of curriculum. Workshops are conducted for the academic enrichment of the students and faculty members. e.g., workshop on disaster management etc. Exam orientated classes are given at the end of semesters to empower the students to face the examinations with confidence. Remedial classes for university examinations are taken at the end of each semester to familiarize the students with the pattern of examination and to equip them to manage the given time effectively. At the end of each semester, department wise result analysis was done and suggests corrective measures. These matters are also discussed in Staff meetings periodically.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
NIL	NIL	Nil	Nil	NIL	NIL

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	NIL	Nill

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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the

affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	Chemistry	15/06/2018
BSc	Geography	15/06/2018

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	0	0

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
NIL	Nill	0
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	NIL	58
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
Hard copy of feedback from all stakeholders viz., alumni, students, parents were collected annually. In feedback relevant aspects like teacher evaluation, facilities like library, laboratory, office service, cleanliness, internet facilities, curriculum, suggestions for improvement of the curriculum etc on the campus. Feedback collected from stakeholders is analysed and suggestions received are conveyed to the concerned authorities for further action and improvement.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BSc	Chemistry	140	135	135
BSc	Geography	140	77	77

2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	135	0	12	0	12

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
12	12	3	2	0	2

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

To mentor the students, academic support is provided to students by advising them to choose stream, providing them remedial classes and providing books, old question papers. The faculty provides timely help to the students who face problems like poor academic performance, and family problems. Under the guidance of staff members, career guidance cell, academic and psychological support is given to the student even college has updated prospectus from academic year 201314 to provide information about transparency in the activities of college and academic calendar. College magazine also provides information about the annual working pattern of the college. Approximately 90 student of college received different scholarship/ freeship from central/ state governments and University. For economically weaker section 'Vidhyarthi Dattak Yojana' has been introduced recently by the Student Welfare Department. From this scheme, financial support, books and stationery provided to students. We have students' insurance policy in our college, medical checkup scheme for entry level, health awareness programme. Career Cell (by Student Welfare Department) organized workshop for various competitive exam and various entrance examination for higher study etc. Most of our student participated in sports activities like chess, lawn tennis, athletics games etc. College promote student to participate in extracurricular and cocurricular activities which is run by cultural, NSS, student welfare and sport department of the college.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
135	12	1:11

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
12	12	0	0	6

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

Year of Award	Name of full time teachers receiving awards from state level, national level,	Designation	Name of the award, fellowship, received from Government or recognized

	international level		bodies
2018	Mr. Manoj D. Mudholkar	Assistant Professor	National Best Teacher Award, Mahatma Jotirao Phule Shikshak Parishad, Pune

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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester- end/ year- end examination
BSc	CH	2018-19	30/04/2019	01/06/2019

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Continuous Internal Evaluation as mad by following ways. Attendance records are maintained and students as well as parents are made aware of the shortage if any. Two centralized internal examinations besides class tests by the teachers handling the courses are conducted in each semester. The students are informed by way of the Time Table and the results are displayed on the notice boards. The answer sheets are corrected and shown to the students. Internal Assessment is an integral part of monitoring. Due eight is given to areas such as, class participation, communication, discipline, attendance, selflearning, cognitive ability etc. There is also external VivaVoce that is conducted after completing of each topic. Practical sessions are provided to students and their ability to experiment is monitored. University Examinations are also a way of monitoring the learning outcomes of the students.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Generally, at the end of the each academic year, suggestion takes from faculty members for the coming academic year. Likely on the basis of discussion, action plan for the year is set. In the midmonth of June academic year starts. Academic year consist of two semester. On the first day of academic year meeting is taken with all faculty members headed by principal. As per university schedule annual plan is discussed, also in this meeting and admission process, evaluation methods and other important issues discussed thoroughly. The academic programmes are based on academic calendar of North Maharashtra University, Jalgaon and prepared by college. RFNS, Senior Science College, Akkalkuwa Academic Calendar 201819 Sr. No. Name of Events/ Programme Day • First Term 15th June to 31st October 2018 • Second Term 27th November 2018 to 30st April 2019 • Diwali Vacation 1st November to 26th November 2018 • Summer Vacation 1st May to 14 June 2019 • College opening 15th June 2018 • Admission Procedure (UG) June to August 2018 according to NMU Norms • World Yoga Day Celebration 21 June 2018 • Commencement of Regular Classes 18 June 2018 • Tree Plantation 01 July 2018 • Lokmanya Tilak Birth Anniversary 23 July 2018 • Principals address to Students First Week Of August 2018 • World International Indigenous People day 9th August 2018 • Dr. Rangnathans Birth Anniversary 12th August 2018 • Sports Day 29th August 2018 • Teachers Day 5th September 2018 • World Hindi Diwas 14th September 2018 • World Ozone Day 16th September 2018 • National Social Service (NSS) Day 24th September 2018 •

Internal Assessment Semester I Third Week Of September 2018 • Mahatma Gandhi Jayanti / Swachh Bharat Abhiyan 2nd October 2018 • Dr. APJ Abdul Kalam Birth Anniversary 15th October 2018 • College Reopening 26th November 2018 • NSS Camp Last Week of December to First Week of January 2019 • Youth Festival January 2019 • Annual Sports Day February 2019 • College Annual Day February 2019 • Internal Assessment Semester II Third Week Of February 2019 • Science Day 28th February 2019

2.6 – Student Performance and Learning Outcomes

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

https://rfnscience.org/rfnsadmin/Docs/1723270713_Docs_Programme%20Outcomes.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
CH	BSc	Chemistry	36	13	36.11
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2.7 – Student Satisfaction Survey

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

https://rfnscience.org/rfnsadmin/Docs/1723269138_Docs_SSS%202018-19.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Nill	0	0	0	0
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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
NIL	NIL	

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NIL	NIL	NIL	Nill	NIL
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	Nill

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	00	00

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
NIL	0

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

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Botany	1	3
National	Zoology	2	5.74
International	Chemistry	4	6

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

Department	Number of Publication
Geography	3
Botany	1

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Intencity of irrigation in Nandurbar district 200102 to 201112	M. D. Mudholkar	Ayushi International Interdisciplinary Research	2018	0	RFNS Senior Science College, Akkalkuwa	0
Biotrasformation of Ashwagandharishta : A Case Study	Y. A. Dushing S. L. Laware	IJRAR	2019	0	RFNS Senior Science College, Akkalkuwa	0

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

Title of the	Name of	Title of journal	Year of	h-index	Number of	Institutional

Paper	Author		publication		citations excluding self citation	affiliation as mentioned in the publication
NIL	NIL	NIL	Nill	0	0	NIL

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	0	5	0	0
Presented papers	1	6	0	0
Resource persons	0	1	0	0

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3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Disaster Management Elocution Competition	District Disaster Management Nandurbar	2	9
Disaster Management workshop	NSS and NBCO	3	100

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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Swachh Bharat Summer Internship 2018	Recognition	Department of Youth Affairs, Ministry of Youth Affairsand Sports, GOI	50

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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swachh Bharat Summer Internship 2018	Department of Youth Affairs, Ministry of Youth Affairsand Sports, GOI	Summer Internship	1	50

3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Nil	Nil	00	00

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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Academic	Research	NTVS GTP College, Nandurbar (MS)	18/06/2018	Nill	01

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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
NIL	Nill	Nill	Nill

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
1.5	1.14

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
Nill	Nill	Nill	2024

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	1177	72603	80	11150	1257	83753
Reference Books	151	41024	27	13250	178	54274
Journals	4	4000	0	0	4	4000
CD & Video	7	0	0	0	7	0

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

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	15	1	1	1	1	1	0	20	0
Added	0	0	0	0	0	0	0	0	0
Total	15	1	1	1	1	1	0	20	0

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

20 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
No Data Entered/Not Applicable !!!	

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
2.5	1.8	1.5	1.14

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

College has own campus, College Development Committee (CDC) that plans for each academic year for the maintenance of utilization of physical facilities and academic facilities the committee allocates the budget keeping in view of the requirement of all the departments which is working in the college. The college has four departmental laboratories, one computer lab, library with separate reading room and sports department. Optimum utilization of laboratory resources is ensured by the head of the department and principal. Every year, CDC under the chairmanship of the Principal has a discussion with the heads of the each department for their requirements and its utilization. The committee deliberates on the budgetary allocation by evaluating previous year budgets.

http://rfnscience.org/

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Student Adoptation	12	0
Financial Support from Other Sources			
a) National	Central Government Scholarship and Freeship Scheme	93	520410
b)International	nil	0	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Throw Ball	29/08/2018	60	Department of Sports
Medical Check-up Camp	28/11/2018	33	Student Development Department
Skill Development courses information Program	16/01/2019	140	Student Development Department
Development Employing Skills Workshop	22/01/2019	53	Student Development Department
Disaster	13/08/2018	53	National Service

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	Skill Development Courses Information Programme (16th January 2019)	120	111	0	0
2019	Personality Development Programme(21/02/2019)	54	54	0	0
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

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

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Nil	0	0	Nill	0	0
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	9	B.Sc.	Chemistry	KBC North Maharashtra University Jalgaon	PG Chemistry
2019	0	0	Chemistry	S.P.D.M. college Shirpur	PG Chemistry

2019	0	0	Chemistry	J.E.T.ACS college, Nandurbar	PG Chemistry
2019	0	0	Chemistry	K.E. Society PG Research Institute, Jalgaon	PG Chemistry
2019	9	Nill	Nill	Nill	Nill

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	2
GATE	1

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

Activity	Level	Number of Participants
Sport	College	81
Cultural	College	50

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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
Nill	NIL	Nill	Nill	Nill	Nill	NIL

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

RFNS Senior Science College, Akkalkuwa is committed to formal representation and engagement with students through the student representative committees. These guidelines describe the role and function of the committee in promoting the interests of students to the college activities. Student representation in higher education is important in ensuring effective communication between Students and the college governance and administration. The function of such committees is to provide student with an opportunity to voice the views, suggestions and concerns of their peers through the most appropriate channels. The college also acknowledges the important role in development a energetic academic and social network. The operations and activities of the Student Representative Committee should be guided by the following principles: • Independent, transparent and accountable student representation • Meaningful and collegial communications between the college and elected student representatives • Equity in student representation across all sectors of student development • Commitment to a culture of respect and inclusion. All students should expect their elected representatives to act in the best interests of the whole student body at all times when dealing with other

students and the college governing bodies and its administration. There are a number of bodies in the college with student representative. • Antiragging cell. • AntiSexual harassment committee. • Discipline Committee. • Women Cell. • Library Advisory Committee. • Student council. • Sports committee. • Cultural Committee. • Discipline Committee. • Redressal Committee.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

17

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

1

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

The college has practices of decentralization and participative management during the last year by following ways: 1. The institute promote cooperative management and The head of the governing body plays key role in governance and management of the institution. 2. The principal believes in union. With the head of various committee, departments, responsible staff and students he take out institute to steady progress. 3.The institution works on the participative and democratic principle of management and frames all its plans in consultation with the Governing Body, IQAC, Teachers' Council and other committees. Academic issues are resolved through open discussion in the Teachers' Council.

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

No

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Industry Interaction / Collaboration	The college has initiated collaborative activity with G.T.P. College Nandurbar
Curriculum Development	Enhancement of library, laboratory, faculty department programmes, student development programmes, continuous evaluation of students, ICT enabled classroom, academic audit, examination cell, social responsibilities, workshop on disaster management and seminars etc. are the innovative aspects forming part of curricular aspects

Admission of Students	Admission to various programmes is made on the basis of merit and choice. During the admission process, the faculty and expert provide help, support and advice to the students regarding admission.
Human Resource Management	The management is supportive, participative and believe in unity work. And for this they actively involve all the element of the system in decision making. Number of committee is formed time to time for various activities of the college. The member's involving committee are rotated after every three years so that the involvement of staff in various activities increases. The active staff members are encouraged by giving awards and responsibilities. Good blend of various departments members form in the committee with the objectives and team building helps in successful completion of task. The teaching and non teaching staff members are deputed to participative in various training programme in order to upgrade themselves.
Library, ICT and Physical Infrastructure / Instrumentation	The standard infrastructure, laboratories library and ICT facility is made available by the management. All departments use Power Point presentation in regular classes, apart from these charts, educational models, OHP use time to time. Institution is covered by CCTV Camera for development.
Research and Development	The faculty members update their knowledge by attending Refresher, Orientation Program, Seminar, Conference and Workshop. Faculty members have built in skill to explore the research knowledge with the help of VCRMS sanctioned by BCUD, University. One of our faculty member is registered for P.hD. Programme. Staff member of college delivered lectures on various burning issues.
Examination and Evaluation	The College Examination committee arrange effective activities related to college examination. College Assessments of all classes are conducted at a time as like University Assessment. Timetable of examinations, room allotment, supervision, schedule and result submission schedule is displayed and strictly followed. University first year theory Courses

	evaluation is done at college level.
Teaching and Learning	**The college provide remedial classes to educationally backward students .College provide guidance for reference book, class test ,discussion on previous question paper, extra coaching, career counselling and also organise motivational lecture for advanced learners. The teaching faculties have been motivated for extensive use of ICT in the teaching and learning process and for this smart classroom have been developed. Having recognized the importance of ICT tools and techniques in the process of effective teaching learning, the institution has drawn a strategic plan • To train the faculty members for making them ICT enabled. • To motivate teachers to use modern teaching aids based on ICT and day by day enhanced the proportion of ICT based teaching. •To motivate the students to use ICT infrastructure and tools for effective learning experiences.**

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

E-governace area	Details
Nill	**NIL**

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
Nill	**NIL**	**NIL**	**NIL**	**Nill**
[View File](#)				

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

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
Nill	**NIL**	**NIL**	**Nill**	**Nill**	**Nill**	**Nill**
[View File](#)						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the	Number of teachers	From Date	To date	Duration

professional development programme	who attended			
O.C. at Jaipur university of Rajasthan	1	18/02/2019	16/03/2019	28
R.C. at Jammu University	1	03/12/2018	23/12/2018	21
Workshop	1	03/12/2018	08/12/2020	06
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
12	12	11	11

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Institutional Best Teacher Award	Institutional Best Nonteaching Award	Student of the Year Student Adoptation Programme

6.4 – Financial Management and Resource Mobilization

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

The college practices professional ethics by maintaining transparency in its core and auxiliary functions. The college recruits faculty by maintaining corporate standards, manages academics and administration with preplanned internal and external audits, safeguarding of all assets and documents.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	0	NIL
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6.4.3 – Total corpus fund generated

00

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	K.B.C.N.M.U., Jalgaon	Yes	C.D.C., RFNS, Senior Science College, Akkalkuwa
Administrative	Yes	J.D. Office, Jalgaon	Yes	C.D.C., RFNS, Senior Science

				College, Akkalkuwa

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

. Feedback from parent

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

Nil

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

• Planned the examination reforms in the college • Taken the efforts towards strengthening of research infrastructure and skill based education

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Personality Development Programme	08/01/2019	21/02/2019	21/02/2019	54
2019	Global Warming workshop	08/01/2019	24/01/2019	24/01/2019	84
2019	Yuvati Sabha	08/01/2019	08/02/2019	15/02/2019	50
2019	Employment Skill	22/01/2019	22/01/2019	22/01/2019	119
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
National Sport Day	28/08/2018	29/08/2018	15	30

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

Percentage of power requirement of the University met by the renewable energy sources
Replace additional tube light with LED lamp

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Ramp/Rails	Yes	0
Rest Rooms	Yes	0

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	16/01/2019	04	Computer Education	Basic fundamentals of Computer	14

[View File](#)

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
NIL	Nill	NIL

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Celebration of constitution day	26/11/2018	26/11/2018	89
International Yoga Week	15/06/2018	21/06/2018	25
Dr. Babasaheb Ambedkar Birth Anniversary	14/04/2019	14/04/2019	100

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

4] Ban plastic in campus aware and use of cotton bag.
5] Regular Swachhataabhiyan at our college campus
1] Vermicompost unit in the college garden
2] Replace additional tube light with LED lamp
3] Plant more trees in the college campus

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Response – The college has number of best practices which have contributed to the institutional aims and objectives. Some best practices are adaptation of student by the teachers, aware the tribal people about the plastic free life and also promoting eye check up camp and medical camp for student as well as tribal people. Even though these practices is not mandatory by the authority they are internally evolved and used during last five years. Leading to

positive impact on the institutional health. Amongst all the two best practices are as follows Best Practice No.1 1.Title of the practice EASY ADMISSION PROCEDURE FOR TRIBAL AND LOCAL STUDENT. 2. Objective of the practice To get educated is the prior need to introduce the all student into main stream. To increase contribution of tribal student in education, To increase the literacy rate and make them employable Maximum number of students are from backward classes and their first generation is coming in higher education to faces the new world. 3.The Context The RFNS Senior Science College, Akkalkuwa is located in hilly and tribal region with the maximum percentage of schedule tribe (near about 85). According to census 2011, total population of tehsil is 2,45,861, near about 189 villages and literacy rate is only 62.83. From this data, it is clear that awareness about education (in that science) of the tehsil is very poor. Our college is the only one science college in the tehsil. The college was established in year 2003 with prior mission to transmission of higher education in the students of socially and economically backward, rural and hilly area. There were very few admission of students in early years. Students were not aware about the benefit of science education so it was very important make admission process very easy. Management, Principal and admission committee of the institute work together for easy admission procedure. Admission is done on first come first serve basis in earlier days. Regular visit to higher secondary school of nearby areas, regular counselling to student are the main steps of this practice. As a result of this number of admission increased every year. 4. The Practice Our college is situated in base of Satpuda mountain of Nandurbar region. They have got poor quality of basic education. Because of less confidence in English language very few student are interested in Science stream. Tedious nature of admission procedure plays important role in hating the science subject. Including this their many reasons for heisting to gate admission in science stream. Though, all the teaching staff appointed is highly qualified, came from different areas of state. So, communicating in tribal language with the tribal folks is the main difficulty. Fortunately two staff member are from same community. So college appoint Mr. R. S. Padavi (who serve as assistant process in chemistry department) as 'Public Relation Officer' who make strong relation between tribal folks and institute. Admission committee is run under the guidance of Mr. R. S. Padaviand two more committee member. By this committee, all the procedure and important dates of admission are displayed on notice board. The distribution of forms are done at the counter with minimum fees. How to fill up the proper form is very much difficult from student point of view. So first proper guidance is given individually and a demo form is displayed on notice board. The students are stickily inform to Xerox the admission form and then filing of form is done by the students. Xeroxed fill formed with all required documents are checked by admission committee members. If there are some queires, it get solved and if there are no further queries permission is given to fill original form. Original form is again checked by admission committee. This practice is time consuming but it decreases the chances of mistake in the admission form. After filling the corrected form, it is forwarded for submission in office. 5. Evidences of success. The Management, Principal and admission committee work together for easy admission procedure and the number of students are successively increases every year. Following event prove the success of the practice.A rapid growth in the number of student. It helps in learning the potentiality of student in various activities.It attract the meritorious student. Maintaining discipline. Student profile helps in providing equal representative from all sector of the society. This practice increases the number of students of FY/SY/TY B.Sc. from academic year 2003 till date 6. Problems encountered and recourses required The college faces some problems are given below 1.Most of the students are tribal background are not having sufficient money to take admission. 2.Intake capacity of Government Hostel is very less hence very few students are able to get admission to the hostel. 3.Tribal student having the fare of English language.

4.Scholarship for the student is came at the end of the year so it very difficult to manage the economic status of students. BEST PRACTICE NO. 2 1.Title Of The Practice: INNOVATIVE IDEAS IN TEACHING AND LEARNING PROCESS 2. Objective Of The Practice The goal of the education is to imbibe in the student a love of learning and inculcate in them a desire to excel at every level and in every field. The government of India has introduced THE RIGHT TO EDUCATION ACT with an idea that if everyone gets education one can make one's contribution in national development. The basic aim of education is to build up student's personality so that they are able to fasces challenges in their future life. Effectively these ideas improve the student's personality and make them capable to achieve global competence. 1.The Context The logic behind implementing the ideas is to develop student personality, better education, better job, better view, and better life of the student and their generation. These people are lived in hilly region of satpuda mountain range and divine off such facility of education and other facilities. Lots of people are migrate to other places for livelihood and their children are away from basic education. It is mention in national education policy 1986 that higher education provides an opportunity to the people to serve for humanity. Education also help to face the challenging issues before society such as social, economic, cultural, moral and spiritual, this also provide opportunity to make positive discussion on the issues with their knowledge and skill. The contextual features in implementing these practices amongst students have an objective to make them responsible citizen of the country, to develop knowledgeable skill and to make able for global compliance. The constitution of India it gives the basic right to the every individual of India. The education is a social process everyone has right to get education whether one is living rural, urban or tribal area. Or from economical backward class, The basic aim of education is to built up students personality so that they may be able to solve challenges in their future life. Keeping in mind with these objectives several innovative ideas have been introduce in curriculum. These includes: Continuous comprehensive evaluation Productive classes Well educated professor Audio and video form of lectures Remedial teaching Power point presentation, Using teaching models Seminar, assignments, poster making Surprise test and open book exam 1.Evidences of Success Being the integral part of curriculum, the success rate is very high, every student is actively participated in these activities. The practices mention above creates an environment of learning and develop creativity among student. The activity also develops an attitude of competition among students. Result of these activities have increase students attendance in classroom with a culture of learning. This event fulfills this need of education. Enshrined in the vision documents has been achieved to greatest extent. Attendance of the students, semester results, personality development, trepanning for employability, comprehensive cultural activity and literacy activity were improved. 6. Problems encountered and resources required 1. Load shading discontinuation of electricity 2. An urgent need is to develop some infrastructure for preparation of these events for the students.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
https://rfnscience.org/rfnsadmin/Docs/1729233274_Docs_BEST%20Practice%202018-19.pdf

7.3 – Institutional Distinctiveness

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

Response The aim of the institution is emphasized the mental and physical health of the student. The college is situated in tribal region .Hence 80 of students are tribal and economically weak. Institution Started the students

adaptation programme for every years. each teacher adopt the two students for whole year for fees and other issue. The teachers also used the different technique for teaching by using models,posters, and ppt. Teachers motivate students for Avishkar and Yuwarang to show their hidden talent. College take the workshop for different aspect for physical and mental development of students.College organizes the Chemistry Talent Search Examination and Tribal Talent Search examination. The ultimate outcome of the college effort that at least three student come under university merit ranking. Our student Mr. Suraj Vasave qualified Net, SET and GATE examination in Chemistry. Mr. Mangesh Valvi got first merit rank from university in ST category.

Provide the weblink of the institution
http://rfnscience.org/

8.Future Plans of Actions for Next Academic Year

• The college is planning to promote research culture through motivating teaching staff to register themselves for Ph.D. • To motivate students for competitive exams. • Computer Learning Spoken English Program. • To impart training in Karate typically for girls. • The plan is also to continue tradition of academic excellence through academic audit conducted by the university • New division for F.Y. B.Sc. student • Most of the students are from tribal background and have the basic knowledge of medicinal plant. Hence to educate and update we are going to send the proposal for T.Y. B.Sc. Botany.