



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution	SCIENCE COLLEGE
Name of the head of the Institution	DR DILIP UKANDA GAWAI
Designation	Principal
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	02462250465
Mobile no.	9420538667
Registered Email	principal@sciencecollegennd.org
Alternate Email	sciencecollege1950@gmail.com
Address	P. O. Box No. 62, Sneh Nagar, Nanded
City/Town	Nanded
State/UT	Maharashtra
Pincode	431605
2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Urban
Financial Status	state
Name of the IQAC co-ordinator/Director	Dr ANIRUDDHA SOUNDAJI BANSODE
Phone no/Alternate Phone no.	02462250465
Mobile no.	9420848612
Registered Email	sciencecollege1950@gmail.com
Alternate Email	principal@sciencecollegennd.org
3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	http://www.sciencecollegennd.org/wp-content/uploads/2020/03/AQAR-2018-19.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes, whether it is uploaded in the institutional website: Weblink :	http://www.sciencecollegennd.org/index.php/academic-calendar-2/academic-calender-2019-20/

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	A	3.04	2004	16-Feb-2004	15-Feb-2009
2	A	3.47	2011	30-Nov-2011	29-Nov-2016
3	A	3.38	2017	27-Nov-2017	26-Nov-2022

6. Date of Establishment of IQAC 15-Jun-2005

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
One Day Workshop on MOOC	13-Sep-2019 1	105
Scrutiny and forwarding the application for promotion under CAS	14-Mar-2020 1	2
Scrutiny and forwarding the application for promotion under CAS	22-Nov-2019 1	7
Regular Meeting	24-Feb-2020 1	14
Regular Meeting	05-Dec-2019 1	14
Regular Meeting	07-Nov-2019 1	13
Regular Meeting	11-Sep-2019 1	14
Regular Meeting	05-Aug-2019 1	13
Regular Meeting	22-Jun-2019 1	13

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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
Dr. K. S. Shillewar	MRP	SRTMU Nanded	2019 365	60000
Dr. V. R. Marathe	MRP	SRTMU Nanded	2019 365	77500

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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

[View File](#)

10. Number of IQAC meetings held during the year :

6

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
12. Significant contributions made by IQAC during the current year(maximum five bullets)	
No Data Entered/Not Applicable!!!	
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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
No Data Entered/Not Applicable!!!	
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14. Whether AQAR was placed before statutory body ?	Yes
Name of Statutory Body	Meeting Date
College Development Committee (CDC)	27-Dec-2019
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	13-Nov-2017
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2020
Date of Submission	26-Feb-2020
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	The institute look into the Management Information System (MIS) for academic, administrative and financial work. Institute perform and manage college internal examination, student attendance, continuous assessment, registration, admission etc effectively and efficiently through ERP. Institute also performs various transactions like financial, administrative, academic etc with MIS.

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

- College has prepared Academic Calendar at the beginning of academic year (2019-20) which includes the academic calendar. The academic calendar is included in Academic diary of teacher. The academic calendar is prepared as per circular of S.R.T.M.University, Nanded.
- The academic diary of institute includes actual teaching days (180 days), Time Table, Date of internal examinations, vacation, first term and second term schedule,

college committees, annual teachings plan 2019-20, seminars, details of co curricular activities etc. • The college has organized Orientation program for B.Sc. I and M.Sc.I at the beginning of the year for newly admitted students to understand mechanism of college, curriculum and its implementation. • The college time table committee prepared Time table of Ist Semester and IInd Semester and implemented accordingly. • The faculty of college prepared semester wise teaching plans as per curricula prescribed by the University. • All heads of the depts. conducted meeting of faculty of department and the syllabus are distributed among them according to their specialization at the beginning of the academic year. • Teachers of respective subjects decided the number of lectures for each topics are as per university guidelines and some extra periods are also decided to take on Sundays and holidays to complete the syllabus. • The faculty prepared their teaching plans as per syllabus, and note down their lectures engaged in academic diary which are monitored by HOD and Principal regularly. • Besides chalk and talk method teachers use ICT and softwares for better and effective teaching learning process. • Number of teachers uses different software, models and charts for effective teaching and learning process. • To get deep knowledge and understanding of curriculum the institute organized Group discussion, seminars, dissertations, field works, survey, education tours for students. • Some faculty and students registered for NPTEL, massive open online courses(MOOC) for which credits are approved by S.R.T.M. University, Nanded. Number of Students uses Internet Resource Centre of college for online courses. • The teacher has conducted class test, unit test, surprise test, seminars after completion of topics. • Every faculty engaged extra classes on Sunday and holidays to complete their syllabus. • The faculty and Students used Central Instrumentation lab for completion of their projects. • College Central library as well as departmental library has large no. of books, journals along with some rare books and back volumes. • For effective implementation of the curriculum prescribed by the University Department of Botany, Zoology, Geology, Agri. Microbiology, Agrochemicals and fertilizers have organized field tours while Chemistry, Physics, Microbiology department organized industrial visits Guest lectures and lecture series are organized to achieve extra knowledge in the subject. • To inculcate research attitude among the students seminars, Workshops, Conferences are organized for better understanding of the subject and Remedial classes are conducted for slow learners as well as special assignment is given to advanced learners. • NET/ SET /GATE committee of college has organized classes as per the curricula of NET/ SET /GATE examinations.

1.1.2 - Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employability/entrepreneurship	Skill Development
Fresh Water Fish Culture Technology	0	31/08/2019	90	Employability	Fish culture

1.2 - Academic Flexibility

1.2.1 - New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
MSc	Applied Mathematics	05/08/2019
MSc	Microbiology	05/08/2019

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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	2 (General and Biotechnology)	17/06/2019
MSc	11	17/06/2019

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

	Certificate	Diploma Course
Number of Students	25	Nil

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
0	Nil	Nil

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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
MSc	Field project for M.Sc. Botany students	23

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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

The structured questionnaires are framed by college feedback committee under the guidance of IQAC. The feedback forms received from the students are scrutinized by IQAC and suggestions for improvement are implemented in the institute. College has complaint box where students drop their written complaints, demands. After that Principal Grievances Redressal cell have discussed on the suggestions and views of students and takes the appropriate action. Feedback has been taken on various facilities such as sports facilities, NSS, NCC, drinking water, library, Internet facility, teaching learning process, laboratory facility, canteen, office etc. Parents meetings are organized and feedbacks received from the parents are taken into consideration for improvement. Alumni association of the college has conducted alumni meetings and collects feedback from them which are discussed in the IQAC and action taken plan is implemented as per the suggestions. Teachers gave feedback in the staff meeting according to their respective committees. Principal, IQAC Coordinator, Staff Secretary and all teachers have discussed the various problems related to teaching learning, curricular, co-curricular and extracurricular activities which are taken into account for future planning and development. Different issues, suggestions and views related to the development of college as well as students are discussed and forwarded to the statutory body of the institutes for overall development of the institution. Anti-ragging committee monitors the anti-ragging activities of the students and feedback of students reported to the principal. The various proposal and lab requirements submitted by the Head of the various departments to the office are forwarded to the Secretary/ Chairman of Nanded Education Society. Proposals are sanctioned by administrative authority of our institute. Principal and society member encourage the teachers for research, publication of research paper in reputed journals. Institute also encourage faculty to organize conferences, seminars, workshops, lecture series, guest lectures, bridge course to study current discovery and research. Departments of the college maintain the detail records of internal examination, theory and practical assessment projects, project reports, attendance of the students etc.

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
No Data Entered/Not Applicable !!!				

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2.2 - Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	946	577	32	28	32

2.3 - Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
32	32	19	19	2	5

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

Our institute has tutor-ward committee which guide and mentor the students who are newly admitted. The Convener of the tutor ward system (Mentor-Mentee System) after discussing with Principal of college allocates certain number of students to the faculty for mentoring and solve the difficulties of the students. During the beginning of the academic year the committee displays the list of students and their mentor on the notice board of the college. The students contact the concern faculty and discuss the academic problems as well as individual difficulties. The concerned teacher discuss all the problems and difficulties of the students with Principal and finds solutions. The mentor then conducts the meetings and guides the students. He solve their difficulties like library books, pure drinking water, skill based courses, online courses, socio-economic problems etc. He also tells about the role and functioning of mentor-mentee system of the institute. The committee organize orientation programme for new comer students to make them familiar with various career opportunities, facilities in the department, curricular and extra curricular activities. The HOD of the department introduce the facilities, courses available in the department, ongoing and completed projects, research etc. The college conducts class tests, oral test, general knowledge test, aptitude test and point outs the slow learners and advance learners among the students. Remedial coaching scheme is implemented and extra classes are conducted to the slow learner to bring them up to the mark and to improve their academic standard. These students are also encouraged and motivated to read e-books, to watch online lectures, lecture notes, pdf etc. If there are some personal socio-economic problems of the students then mentor discuss these problems with the Principal and communicate student parents in the parents meeting. Mentor also look after the attendance and progress of the students. As far as advanced learners are concerned mentor encourages them to enroll for online certificate courses, skill and job oriented courses, online test, competitive examination, research etc. Slow learners gets the help of career guidance cell and language lab to upgrade language proficiency, communication skills and general knowledge. Advanced learners are motivated to appear for UPSC, MPSC, NET, SET, GATE and other competitive examinations. Slow learners as well as advanced learners are also encouraged to participate in NCC, NSS, conferences, seminars and workshops. Result improvement committee helps the slow learners for improvement and decrease the dropout rate. The mentor collects feedbacks from slow learners as well as advanced learners time to time. The Mentor: Mentee ratio in the college is 1:16. The mentor teachers collect all the information of students through the student's profile format having details of name, address, date of birth, blood group, hobbies, participation, subject wise marks, academic difficulties etc. Teachers discuss the difficulties not only with the students but also with their parents and try to minimize the individual problems of the students. The significant improvements in the overall development of the students were observed. Some students passed NET/SET/GATE, competitive examination and some placed in defense and government offices.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1523	93	1:16

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
Nil	Nil	Nil	Nil	Nil

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. B. D. Gachande	Associate Professor	Shabdadhan Foundation, BARAMATI. Dist: 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
No Data Entered/Not Applicable !!!				

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

The institute has college examination committee which conducts internal examination as per CBCS patterns implemented by S. R. T. M. U., Nanded. The various department conducted unit

test, class test, seminars practical exams, seminars for continuous evaluation of students. Completion of projects are regular features of every departments. All students complete their projects on different topics of curriculum. The faculty assess the project of students and marks are given accordingly. Some departments of our college organized the industrial tours for better understanding of the subject matter as well as to enhance their practical knowledge. Botany department has organized study tour for identification of plant species and collection of samples. The students of herbal medicine visited the medicinal garden on the campus for identification on of medicinal plants. The faculty encourages every students to give the seminar. The pre-examination tests of NET/SET/GATE are conducted by the department of mathematics which helps the students to score more marks. Mathematics department also conducts seminar internal as well as monthly tests. The evaluation and internal assessment of students are discussed in the department and weak and advanced students are pointed out. Special coaching are organized for slow and advanced learners in the respective departments. Microbiology department conducted online test, class test, organized seminars and group discussions. They also interacted students and solved their difficulties regarding theory as well as practicals. Department of Physics and Electronics organized hands on training, lecture series for students along with regular test, tutorials and seminars. The evaluation is carried out in the department and special guidance are given to the slow learner. Geology department has organized study tour for identification and collection of geological samples. Regular tests, seminar, field visit are regular features of the department. Department of Zoology also organized study tour for identification of animals. Students are divided into groups and questionnaire is given to test their knowledge. For weak and slow learner students, institute has remedial coaching scheme, under which special lectures are organized for slow learner students. Their difficulties are solved in the interactive session. Fishery Science Department organized one day workshop to identify fishes as well as to develop the skill in "Fish Curry Preparation". They visited fish market for identification of fishes. Computer Science Department organized workshop on "Cyber Security and Social Media Awareness" and also conducted online test of the students. Seminar, Class test, Vivo-voce, project presentation are regular activities in the department. Language department test the students communication skills in Language Lab and encourage to enhance the soft skill. Language department also organized essay competition, poetry competition, poster presentation and conducts various activities. All the faculty conducts class test, internal test, surprise tests and evaluate the performance of the students. The examination department conducts college internal examination and keep the records of all the examination conducted.

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

2.5.3. Academic Calendar prepared and adhered for conduct of examination and other related matters. The college is affiliated to S.R.T.M. University, Nanded and the examinations are conducted at the end of each semester according to time schedule of the university. The institute has displayed examination time table on notice board as well as on college website. The examination time table is displayed on library notice boards. College has conducted pre-semester examination and assesses the students internally. The academic calendar is included in teacher's academic diary along with personal information of teachers. The academic calendar consists of dates of Diwali and summer vacation. The academic calendar is also displayed on notice board as well as notice boards of library and various departments. The first and second semester examination dates, college internal examination dates are mentioned in college academic diary. The college internal examination time table is also displayed on notice boards. The college examination schedule is also given in teachersdaily teaching report dairy. 1) College examination committee conduct pre-semester examination before university semester examination 2) The faculty conducts class test, unit test, vivo vice, practical examination, seminars, project vivo before university examination. 3) Field visit, industrial visit, study tour are organized before students examination. The college time table committee prepared master time table which is displayed on the notice board at the beginning of the Academic Year. The different dates like parent- teachers meeting, NSS Camp, IQAC meeting, students annual function, important days, details of leaves, are mentioned in the DTR. The faculty prepared synopsis according to university curriculum and engage lecture accordingly. The students submits assignments as per schedule given in academic calendar. The examinations are conducted in the college as per university time tables given in the academic calendar. The Principal, Vice-Principal and Heads of the department monitors lectures, practicals and examinations in the institute.

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)

<http://www.sciencecollegennd.org>

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
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No Data Entered/Not Applicable !!!

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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)

<http://www.sciencecollegennd.org>

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
No Data Entered/Not Applicable !!!				

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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
0	0	

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
0	0	0	Null	0

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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
0	0	0	0	0	Null

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3.3 - Research Publications and Awards

3.3.1 - Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
Mathematics	2
Botany	2
Zoology	1
Chemistry	2

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)
No Data Entered/Not Applicable !!!			

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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
No Data Entered/Not Applicable !!!	

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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	Name of	Title of	Year of	Citation	Institutional affiliation as	Number of citations
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Paper	Author	journal	publication	Index	mentioned in the publication	excluding self citation
No Data Entered/Not Applicable !!!						

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

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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	5	18	Nil	4
Presented papers	3	11	Nil	Nil
Resource persons	Nil	2	6	6

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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
No Data Entered/Not Applicable !!!			

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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
No Data Entered/Not Applicable !!!			

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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 activities	Number of students participated in such activities
No Data Entered/Not Applicable !!!				

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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
0	0	0	0

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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
0	0	0	Nil	Nil	0

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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
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			participated under MoUs
Gramin Science (Vocational) College, Nanded	16/01/2020	To share technology and human resources for student centric activities. To cooperate placement activity of students and consultancy work. To design and formulate course material.	11

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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
31649062	31649062

4.1.2 - Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Video Centre	Existing
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing

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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
SOUL	Fully	2.0	2017

4.2.2 - Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	16907	13933310	381	102218	17288	14035528
Reference Books	9984	3739782	48	43808	10032	3783590
e-Books	135000	5900	Nil	Nil	135000	5900
Journals	43	85560	Nil	Nil	43	85560
e-Journals	6000	5900	Nil	Nil	6000	5900
Digital Database	422	13570	Nil	Nil	422	13570
CD & Video	295	Nil	Nil	Nil	295	Nil
Others (specify)	29	Nil	2	Nil	31	Nil

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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
0	0	0	Nil

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4.3 - IT Infrastructure

4.3.1 - Technology Upgradation (overall)

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Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	191	3	13	11	1	1	10	150	0
Added	0	0	0	0	0	0	0	0	0
Total	191	3	13	11	1	1	10	150	0

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

150 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
0	http://www.sciencecollegennd.org

4.4 - Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
374641	374641	7272375	7272375

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)

The institute has Infrastructure Maintenance Committee and Purchase Committee to look after the maintenance and utilization of physical, academic and support facilities. The committees headed by the Convener, take care of all the maintenance regarding laboratory, library, canteen, classroom, NCC NSS office and campus garden etc. The maintenance budget are discussed in the College Development Committee (CDC) and Governing Council (GC) meeting and funds are sanctioned finally in the GC. New constructions of labs and classrooms budget were also sanctioned in the meeting. All departments prepared the list of non working instruments and equipments and repaired by outside technician as per the requirements and it is monitored by the committees. Some faculty and non-teaching staff have been trained in the workshop on maintenance and repairing of instruments. These trained staff look after the maintenance of important scientific instruments. Head of the Department (HOD) prepared the departmental budget and placed before CDC and get approved. While preparing budget HOD take into account the departmental requirements like instruments, equipments, glassware, chemicals, book, journals, computers, renovation of labs, departmental library etc. The budget is also placed before purchase committee to finalize the order. Light bills, telephone bills, security guard salary, office expenses, travelling allowances, CCTV surveillance expenses are maintained from college budget. The institute receives financial help from Nanded Education Society, Nanded and some funds are received from non-grant courses fees. Every department maintains stock register and verification is done at the end of year. The funds received from DST-FIST and CPE are utilized to purchase new instruments for up-gradation of labs, renovation of classrooms, ICT halls, up-gradation of library etc. The Central Instrumentation Lab facility enhanced by adding some new instruments and facilities provided to the researchers, PG students of our college and other institutes. Maintenance of Canteen, NCC, NSS office, sports office, running track, indoor hall are done by the college budget. NSS receives some fund from S.R.T.M. University, Nanded for different extra curricular activities and NSS camps. The lush green garden, medicinal plant garden, fruit plant garden, botanical garden, fish tank, solar system, biogas plant, vermin-compost plant, RO Water filter, Generator etc. are maintained time to time with the help of daily wedges labors and some non-teaching staff. Hygiene, cleanliness in the campus are maintained under the supervision of campus development committee. Principal and Vice-Principal supervise all maintenance and college campus activities. Staff room and wash rooms are also well maintained. Eco-friendly Committee look after the greenery garden, proper placement of dust-bin and environmental awareness among students. Department of Computer Science faculties take care of the maintenance of computer, Wi-Fi, hardware, software etc. For maintenance of workshops, seminars and conferences additional budget are allocated.

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 Welfare Fund	27	55750

Financial Support from Other Sources			
a) National	Government of India Scholarship	598	2304362
b) International	0	Nil	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 implementation	Number of students enrolled	Agencies involved
Yoga Meditation	11/10/2021	41	Health Committee
Language Lab	03/08/2020	677	English Department
Remedial Coaching	01/08/2020	106	Remedial Coaching Committee
One Week Workshop on Web Development	30/12/2019	28	Department of Computer Science
Fish Recipes	26/01/2020	48	Department of Fishery Science

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2020	Career Opportunities through Competitive Examination	125	125	24	8

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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
8	4	15

5.2 - Student Progression

5.2.1 - Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
No Data Entered/Not Applicable !!!					

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5.2.2 - Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2020	102	Science College, Nanded	Science College, Nanded	Science College, Nanded	MSc

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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	5
SET	5

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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
No Data Entered/Not Applicable !!!		

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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
No Data Entered/Not Applicable !!!						

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

The elections of Student Council were not held during the year 2019-20 as per the directions of Govt. of Maharashtra. The student council of our institute is constituted on the merit basis and representative from NCC, NSS cultural activity. The student council performs various events like national festivals, birth anniversaries of National leaders, Science day, Debate Competition, Cleanliness of the campus, Tree plantation, Paper and poster presentation, Project Competition, organization of Blood donation camp etc. The members of student council are working on various committees of the college. They are actively involves in working and functioning of the committees. They also involves in maintaining the harmony in the campus during the academic year. The members of student council actively involved in the celebration of Independent day, Republic day, Women day, Teachers day etc. They actively involved in organization of State level competition on "Best From Waste" along with Eco-friendly committee. They helps to the college administration to maintain discipline and decorum on the campus. The problems regarding admission, NCC, NSS, Sports participation, laboratory, library facilities of students are solved with the help of students council. The faculty involved in student progression committee helps the students to develop leadership quality administration skills, synergy, team work etc. It also helps the student council to organize "Annual Social Gathering", Welcome function, Farewell function, Guest lectures, Science project competition etc. are organize by student council. Members of students council participate in Blood donation camp, Swachha Bharat Abhiyan, Voters awareness camp, Yoga day, NCC NSS camp. Some representatives from student council are taken in College Magazine committee, help editorial board to collect scientific, social articles, poems in English, Hindi Marathi languages. They also helps relearning the magazine as well as wall papers. During annual social gathering cultural committee with the help of Student council organize various competitions during the 1st 2nd day of gathering. They also organize different sports competition with the help of Sport Director. Mementos and trophies are given to the 1st, 2nd and 3d winner in the various competitions. Along with the above activities the representative of students council mainly involves in the following activities. The Student council mainly involve in the following activities- 1) Feedback from stakeholders 2) Cultural events and competitions 3) Outdoor and indoor games 4) College magazine and wall papers 5) Remedial coaching 6) Earn and learn scheme 7) Study and industrial tours, 8) Field visits 9) NSS NCC camps 10) Hostel and Canteen Facility 11) Annual social Gathering 12) Admission and Administration process 13) Campus cleanliness 14) Water conservation and Biodiversity of college 15) Helps anti ragging committee 16) Student grievances cell 17) Rally/ funds collection to flood affected people 18) Blood donation camp

5.4 - Alumni Engagement

5.4.1 - Whether the institution has registered Alumni Association?

Yes

The college has registered alumni association as per the government act. The current office bearers of alumni association are as follows- President: Dr. S. S. Wadje Secretary: Dr. L. P. Shinde Members: Shri. M. A. Joshi, Dr. D. M. Jadhav, Dr. V. B. Chavan, Dr. K. S. Shillewar, Dr. Mrs. A. R. Shukla, Shri. S. V. Gangakhedkar, Mrs. M. H. Raut. Alumni of the institution as runs a high school in the campus. The school name is "N. G. Bhalerao" high school. The number of alumni of our college visited college and delivered lectures to the students to prepare competitive examination. They also inspired and guide our students to appear various interviews of industry. Some alumni donate books

and back volume of journal to our college. The alumni association plays very important role in the development of college and discusses various issues of the institute. Their suggestions are considered in the development plan. The alumni meetings are arranged in the college every year. Some alumni donated for the construction of classroom and labs while some alumni helped the students by putting the prizes in the memory of their beloved. Some philanthropic alumni donated money for institute development. The feedback from alumni are taken into account for academic and infrastructure facility in the college.

5.4.2 - No. of enrolled Alumni:

586

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

100000

5.4.4 - Meetings/activities organized by Alumni Association :

Our institute has bright alumni working at prestigious national and international organization. The meeting of alumni was organized on 27th Feb. 2021 to discuss progress and development of institute. Suggestion from alumni like linkages to reputed institute, quality education, infrastructure, curricular and extracurricular activities of students are considered for further development. Some alumni donated books to the library and stationary to the poor students. Tree plantation was done on behalf of the alumni association. During the meet alumni shared their views about the institution.

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 vision statement of our institute is "To educate and transform the youths to touch life at all points with human values". Principal Level: The institute has well defined and participative management policy for decentralization. The Nanded Education Society governing council appoints Principal for smooth and efficient college administration. The Governing council of N.E.S. also appoint Vice Principal to decentralize the administration. To facilitate the administration and for smooth functioning of the academic activities intuition formed different committees under the guidance of Principal and IQAC Coordinator. Principal of the college look after the financial matters, institutional policies and strategies as well as development and research in various departments. He also deal with all the stakeholders with various issues. Principal brief the policies of the institute in the staff meeting and also guide students in the orientation programme at the beginning of the academic year. Faculty Level: All the faculty members of the college are given responsibilities of different committees. The faculty are actively involved in academic, curricular and extra curricular activities in the college which results in transparency and enrichment. Principal and IQAC Coordinator constitute the various committees through which all faculty gets the representation. Along with teaching, research faculty perform the role of Convener of the committee. The convener of the representative committee conducts the meeting and perform various academic activities according to guidelines provided by the Principal. The following different committee are formed by the Principal IQAC Coordinator for smooth functioning of various academic activities in the college. Students Level: The convener of the committee select the students on committee according to his ability and for smooth functioning of work assigned to the committee. They actively involved in cultural, literary, student welfare, campus cleanliness, science association, anti-raging, organization of lecture series, national festivals, etc. Students also participate in debate competition, science fest, Avishkar, paper presentation, conference, seminars workshops of other colleges. The secretary of students council put up the different problem of the students before Principal and solve with amicable solution. College helps NCC NSS students to arrange camp and social work. Non-teaching Staff Level: The college also helps the non-teaching staff by organizing the hands on training. The institute helps to non-teaching to improve their skills to perform better and promote participative management. The representative of non-teaching staff is on CDC and IQAC for effective participative management. The suggestions are considered in the policy making of the institute. Participative Management: The college promote the participative management in the college. The Principal, Governing Council and IQAC involved in the policy making and procedures. They constitute rules and regulations for admission, discipline in the campus, grievances of stakeholders, supportive services, examinations, finance and administration. The faculty interact the students and share their views and knowledge for smooth working in the committee according to the guidelines of Principal. The faculties try to reinforce good practices and culture of excellence among the students through good participative management.

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

Yes

6.2 - Strategy Development and Deployment

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

Strategy Type	Details
Curriculum Development	Curriculums are designed by University and faculty members of the institute are BOS member. 1. Active participation of faculty as a Chairman and members of BOS at University for revision of the curriculum. 2. Faculty is encouraged for participation in workshops and seminars on curriculum development. 3. Industrial visits, study tours, field work to UG and PG for better understanding of curricula. 4. Projects and seminars are introduced in the curricula.
Teaching and Learning	1. Faculty are encouraged to use ICT in teaching learning process, participative practicals and hands on training including innovative methods. 2. Faculty prepare teaching plan and synopsis of the topic. 3. Institute encourages to students for field visit and skill based project. 4. Learning resources are provided to the faculty and students. 5. Attendance of students are monitored by faculty and Principal. 6. Institute encourages the faculty to participate in FDP, Training courses, workshops, seminars and conferences to update and up-grade teaching learning skills. 7. Faculty and students are encouraged to visit the industries and reputed institutions. 8. Guest lectures and lecture series are organized in the department. 9. Books are increased in Central and Department library. 10. NET/SETS/GATE by Career Guidance Cell. 11. Curricular and extra curricular activities through NSS, NCC and different committees. 12. Online feedback are taken from students.
Examination and Evaluation	1. Internal evaluation of students is done by the faculty. 2. Additional coaching to slow learners. 3. Continuous assessment of students is done through unit tests, surprise tests, aptitude test, seminars, term examinations, practical examinations, tutorials, home assignments etc. 4. Semester examinations as per university schedule are conducted. 5. Evaluation by setting DCAP centre in the institutions and CAP centre at university was held. 6. Pre-Ph.D. viva-voce of research students, group discussion conducted in the institution.
Research and Development	1. Research committee monitors research activities. 2. Encourage to prepare Minor major research projects for submission to different financial agencies. 3. Institute provides infrastructure, equipments, laboratory and Library facilities to research scholars and faculty. 4. IQAC promotes interdisciplinary research work. 5. Faculty and students encourage to visit National Research Laboratories. 6. Motivates faculty researchers to publish research papers in peer reviewed National International journals. 7. Encourages faculty to participate and organize National International Conferences, Seminars, workshops. 8. Institute provides research facility through central instrumentation laboratory. 9. It helped to enhance participation in research activities. 10. Faculty are allowed to take leave under FIP to pursue Ph.D.
Library, ICT and Physical Infrastructure / Instrumentation	1. Use of specialized SOUL software for library, subscription of print and digital resources, INFLIBNET for staff as well as students and database of DELNET. 2. Provides class rooms with ICT facilities and Network resource centre for e-resources. 3. More than 2600 back volumes of referred journals are made available in the library. 4. Major equipments like HPTLC, FTIR etc. are made available in the Central Instrumentation laboratory. 5. Well equipped laboratories along with software like MATLAB, MAPPLE, ORELL, MATCAD, SPSS, CHEMDRAW and other free software for students. 6. Sports Indoor Hall, 400 m Running track, Gymnasium and museums facility. 7. Fish tank, Biogas Plant, Vermi Culture, Water percolation tank in the campus.
Human Resource Management	1. Institute has well trained and qualified faculty for effective teaching-learning process 2. HRM through various committees of the faculty for work distribution at different levels 3. Non-teaching staff trained to use ICT for smooth efficient working 4. Administrative staff uses software in the office 5. Lab assistant and lab attendants assigned for maintaining laboratories 6. Library staff are well trained provide library as learning resource centre to the students. 7. President of student council, representative of alumni and industrial stakeholders participate in college development committee 8. Faculty submit PBAS every year 9. Medical checkup 10. Strengthening of grievances redressal cell, anti-ragging committee women grievance committee work efficiently
Industry Interaction / Collaboration	1. Students and faculty visits the industry and increase the practical knowledge through interaction. 2. Collaborations are established with national level institutions like MCED for awareness of entrepreneurship

development. 3. MoU signed with School of Earth Science, S.R.T.M. University, Nanded, K-Ferts Lab, Godavari Drugs Ltd. and Shrinivas Cattle Feed, Bhokar, Siddharth 4. Some P.G. students takes the permission to work in national institutes and industry and complete their projects.

Admission of Students

1. Government and University rules and regulation are followed for reservation policy and merits. 2. Faculty guide counsel the students and parents for choice of subjects and discipline. 3. Admission rules, procedures and timeline are published in the news papers, prospectus of college and also displayed on college website as per schedule. 4. Principal deliver lecture at the beginning of the year for orientation of students.

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

E-governance area	Details
Planning and Development	1. College is completely automated having students, faculty and staff database. 2. Library automation is completed having SOUL software. 3. Some departments implemented SMS system and use Whats apps for notice. 4. Important notices circulate through emails. 5. ICT is used in institute activities and events. 6. ICT is used in examination, finance and accounts.
Administration	1. Online leave management system. 2. Notice for students and stakeholders. 3. IQAC notice is circulated by email. 4. Biometric attendance for teaching and nonteaching staff. 5. CCTV surveillance installed in the campus.
Finance and Accounts	1. Finance and accounts are computerized. 2. Salary of staff members transfer to the bank accounts.
Student Admission and Support	1. Online registration.
Examination	1. MCQ examination, Student counseling on Whatsapp and email. 2. Communication with students by email. 3. ZOOM, Google meet.

6.3 - Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Dr. D. Pawar	Pre Conference Workshop on Modern Regression Methods Using R	Nil	2000

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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)
2020	Cyber Security and Social Media Awareness	Cyber Security and Social Media Awareness	07/02/2020	07/02/2020	28	49

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

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
No Data Entered/Not Applicable !!!				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nil	Nil	Nil	Nil

6.3.5 - Welfare schemes for

Teaching	Non-teaching	Students
Credit Cooperative Society, Group Life Insurance, Medical Reimbursement	Credit Cooperative Society, Group Life Insurance, Festival Advance, Medical Reimbursement	Student Welfare Fund

6.4 - Financial Management and Resource Mobilization

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

The institute has account and finance section for internal and external financial audit. The yearly budget allocation and routine expenditure, minor project, CPE, financial allocation various departmental are thoroughly audited by the audit committee. The government recognized auditor Shri. Sham Gandewar conducts financial internal and external audit every year with the co-operation of Office Superintendent and account staff. The college has yearly audited statement which are used for various purpose.

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
Student Welfare Fund	55750	To help financially weaker students

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6.4.3 - Total corpus fund generated

50000

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	S.R.T.M. University, Nanded	Yes	Science College, Nanded
Administrative	Yes	S.R.T.M. University, Nanded	Yes	Science College, Nanded

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

1. Teachers interact with parents for the examination reforms such as CBCS pattern and skill based enhancement courses. 2. Teacher-Parent meeting is organized. 3. Suggestions are taken from parents and faculty for improvement. 4. Results of internal examinations communicated to their parents. 5. Faculty introduces new courses and fee structures to the parents. 6. Teachers discuss about the attendance, performance, books, financial conditions and family background with parents.

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

1. Training of staff for handling of equipments and instruments. 2. Computer training for Non-teaching staff by Department of Computer Science. 3. Yoga classes were conducted for stress management and fitness. 4. Organized lecture on personality development of supporting staff members.

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

Separate Junior College wing. Separate toilets for ladies staff members. computers and instruments are provided to the departments. Two workshops are organized. College started Two M.Sc. programmes (M.Sc. Applied Mathematics M.Sc. Microbiology) and One certificate course (Fresh Water Fish Culture Technology) Tree plantation in the campus.

6.5.5 - Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	Yes
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
No Data Entered/Not Applicable !!!					

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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
Lecture on Girls Safety Security on Savitribai Phule Jayanti	03/01/2020	03/01/2020	62	2
One day Workshop on Cyber Security and Social Media Awareness	07/02/2020	07/02/2020	35	25
Girls Health Checkup	Nil	Nil	Nil	Nil
Yoga, Meditation	21/06/2019	21/06/2019	25	16

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
<ul style="list-style-type: none"> • Drip irrigation is implemented for the plants as a measure of water conservation. • Addition of new variety of medicinal plants in the Medicinal Plant Garden. • Conservation of water through percolation tank of size 25m x 15m x 3 m (Capacity of 79287 Liters percolation storage capacity). • Utilization of waste generated in the campus by preparing compost manure. • Solar energy system supply has been installed on the roof of main building of campus. • Installation of Biogas plant in the campus for supply of gas to chemistry laboratories. • Ecofriendly "Holi , Diwali, Ganpati" festival celebration.

7.1.3 - Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	3
Provision for lift	No	Nil
Ramp/Rails	Yes	3
Braille Software/facilities	No	Nil
Rest Rooms	Yes	8
Scribes for examination	No	Nil
Special skill development for differently abled students	No	Nil
Any other similar facility	Yes	1

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
No Data Entered/Not Applicable !!!							

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

Title	Date of publication	Follow up(max 100 words)
No Data Entered/Not Applicable !!!		

7.1.6 - Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
No Data Entered/Not Applicable !!!			

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

1. Vermi-composting unit to prepare Compost from Bio-wastes Vermi-compost. 2. Rain water harvesting and conservation of water through percolation tank. 3. Regular tree plantation and campus beautification activities. 4. Ban on polythene and carry bags in college campus. 5. Waste disposal of plastics, garbage from campus. 6. Awareness programme for the students related to sorting of degradable and non-degradable wastes from houses. 7. Cultivation of fruit plants for protection of birds. 8. Celebration of Eco-friendly Diwali, Holi and Ganpati festivals. 9. Students are encouraged for cleanliness and their active participation in cleaning of class rooms.

7.2 - Best Practices

7.2.1 - Describe at least two institutional best practices

1. Objectives of the practice: • To reduce the pollution level in the campus • To prepare useful and meaningful articles from waste • To make environmental awareness among the peoples • To explore new method to prepare ornamental articles useful for society environmental friendly. • To explore the creative and innovative ideas of students in conservation of nature and ecosystem. • To encourage students to use old newspaper used notebooks, cardboard, old CD, DVD, disposal glasses, pens, toothpaste tubes, matchsticks, plastic bottles, cloths, envelopes, sticks, waste mats strings, tree leaves etc. • Preparation of jewellery: toys, flower vax, magic boards, folders files, pen stands, flower pot, mat wall decoration, Jute work bowl etc. bio-fertilizer from wastes in the campus. • Compost from plant wastes and garbage • Preparation and commercialization of vermi-compost • Awareness among the farmers about effect of chemical fertilizer on soil fertility

2. The Context: The eco-balance of nature are disturb by various human activities. The natural resources are rapidly declining and it is important to preserve it for the future generation. Human activities are responsible for extinction of some plant varieties and animal special from eco-system. To maintain eco-balance and environmental protection institute constituted "eco-friendly committee". Every year eco-friendly committee arranged state level competition on "Best from Waste" which helps to create environmental awareness among the students of different colleges. Various activities like workshops, campus cleanliness, environmental awareness camp, tree plantation, poster presentation of environmental awareness, snake awareness camp with the help of charts, drug abuse programme rain water harvesting, anti-tobacco campaign, rallies for relief fund for disaster affected people, eco-friendly festivals like holi, without fire, Ganesh Chaturti with Ganesh idols of soil. Dipawali without crackers etc are done by eco-friendly committee. Wildlife conservation week was celebrated by organizing birds animals as well as butterflies photo gallery. The students from different colleges participate in the competition on "Best from Waste" and presented various models, posters on different types of wastes like organic, tonic, papers, glass, metals, plastics etc. By their innovative creative ides they made useful articles, ornaments, jewellery, manures, vermi-compost etc. Students use waste materials and leaves of trees from 45 acres campus of our college to prepare manure and vermi-compost. Vermicompost are prepared by using earth-worms. It is very easy methods to recycle agricultural wastes and produce quality compost. Vermicompost is a rich source of nutrients vitamins, enzymes, antibiotics and growth hormones. Therefore it maintains soil conditioning and increase soil fertility. Vermicompost helps in nitrogen fixation and phosphate stabilization and make soil fertile. Vermicompost is also rich in human and nutrients. It provides efficient conversion of organic wastes and all crop residues. It helps in reducing population of pathogenic microbes. It is economically viable and environmentally safe nutrient supplement for organic food production. It is useful for farmers having dairy units, kitchen garden and ornamental gardens etc.

3. The practice: The vermin-compost prepared by wastes and earth worms is stable fine granular organic manure which enriches soil quality by improving Biophysico-chemical properties. It is mainly used for organic farming system therefore becoming more popular. Vermicomposting is done by various methods, among them bed and pit method are more common. We adopted pit and bed method of vermin-composting. Composting is done in cemented pits of size 5.5x26.5x3 feet with outlet 3.5x2.5x3. The pits are prepared in a cool, moist and shady sites of medicinal plant garden. The unit is covered with green mesh. The material used for vermi-composts were chopped dried leafy material and cow dung in a proportion of 1:3 and kept for partial decomposition for 15 to 20 days. A layer of 15 to 20 cm chopped dried leaves were kept as bedding material at the bottom of the bed. Each bed was contained 1.5 to 2 sq.ft. of raw material. The number of beds were increased as per raw material availability. The earthworm were released on the upper layer of the bed. The water was sprinkled immediately after release of worms. The beds were kept moist by sprinkling of water. The beds were turned once after thirty days for maintaining aeration and proper decomposition. The compost get ready in 45 to 50 days. Harvesting was done when raw material was completely decomposed and it appeared black and granular. The watering was stopped and composts gets ready. The compost was kept over a heap of partial decomposed cow dung for migration of earthworm to cow dung from compost. After two days compost was separated and sieved and packed in small labeled bags which is used for home gardening and college gardening. A lush green garden, medicinal plant garden, green house, fruit plants are maintained with the use of Vermicompost produced in the campus.

4. Evidence of success: • Students prepare different ornamental articles from waste materials. • Students get benefited from the Vermicompost practice implemented in the campus. They share their knowledge with farmers and other stake holders. They even apply in their own farms. Use of waste material which minimize the environmental pollutions • Promotion of innovative and creative ideas • Maintenance of cleanliness and lush, beautiful campus. • Protection of nature, environment and maintenance of ecological balance.

5. Problems encountered and resources required: There were problems of Ants, Snakes, termites, centipedes, rats, pigs and birds. Preventive measures were taken to protect the pits and earthworm by regular monitoring, fencing and application of anti-termites along the boundary of pits and applying 4 neem based insecticides before filling the heap. The raw material required for Vermicompost is easily available in the campus. The cow dung is made available from the farm house.

2. SWAMI RAMANAND TEERTH DEBATE COMPETITION 1. Goal Swami Ramanand Teerth founder of Nanded Education Society was a great

visionary, freedom fighter and leader of Hyderabad state Liberation Movement. He started Nanded Education Society with mission that, "The Science college will try to give a new orientation and educate the students to touch life at all points including the most important one, the human point. There is no regimentation, no particular 'ism' which is being specialized with the preview of this institution. The students have freedom to develop their own national and international views without any bias or prejudice. The evolution of the whole personality of man is what we wish to achieve through this college. The Debate competition is a practice of our institution based on vision and mission of Swami Ramanand Teerth, a founder of this institution. This is regular practice over last 51 years. The aims of this practice are i) To develop and evolve the students personality with freedom to develop their own views without prejudice and free from all "ism". ii) To give a new orientation and educate the students to touch the life at all points with human values.

2. The Context □ The knowledge, experience, skill and sound attitude are important to make an individual civilized, refined, cultural and educated. □ To nurture the speech communication, critical thinking on diverse issues of society. □ Experience the learning process and express the views. □ Power of convincing the diverse opinion and criticize their views. □ Enhance the confidence level and stage courage.

3. The Practice □ The college organizes state level debate competition regularly on the 22nd January, the death anniversary of Swami Ramanand Teerth, founder president of the institution. □ The students from different colleges and universities of Maharashtra are invited to participate in the competition. □ Three cash prizes are given to 1st, 2nd and 3rd top three winners of the competition. □ The general championship is announced to one of the participatory college/ university / institute. □ The outstanding experts from education, society and institutions are invited as Judges of the competition. □ The debate on the current issues is organized during the competition. □ The audience from different colleges and society is called for competition.

4. Evidence of Success The debate competition on current and burning issues like Lokpal Bill, Values in Education System, Impact of Use of Social Media on Personality development of youth, Farmers suicide, World Terrorism, Demonetization, GST, etc. are organized and 1st, 2nd and 3rd Prizes are awarded to the winner teams.

5. Problems Encountered and Resources Required
Problems : 1. Less participation from students of Rural areas.

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

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

Vision The vision statement of the institute is "To educate and transform the youths to touch the life at all points with human values" PROMOTION OF RESEARCH ACTIVITY: Goals 1) To encourage the faculty and students in research activity. 2) To publish research papers in national and international journals of high repute. 3) To improve research quality.

Objectives □ To explore new research frontiers in basic and applied sciences. □ To improve the teaching and learning process using research as a tool. □ To promote interdisciplinary research. The Context Research in our institute has remained a prominent activity for a long time. The vision is excellence in science education through research and to inculcate innovative ideas among the students. The institute organizes workshops, seminars, conferences symposia etc to improve knowledge and research ambience among students. The project of students are linked with research and provides cutting edge technologies to do research in interdisciplinary subjects. The institute has central instrumentation lab departmental research lab with highly sophisticated instruments for research purpose. Institute library has internet facility with access to e-books, e-journals and databases for research work to researchers. The faculty applied various financial agencies like UGC, DST, RGSTC Mumbai, SRTM University other funding agencies for research grants under minor/major projects and also for patents. The Practice The institute provides research facilities, well equipped lab to pursue research activities and to complete minor/major research projects. The institute provide facility sanction study leave for Ph.D. work and also provide financial help and necessary leave for attending conferences/seminars for presentation of research papers. Laboratory facilities like Chemicals, equipments, glass wares and instruments like FTIR, HPTLC and softwares like MATLAB, MAPPLE, Mathematica, SERFER, IGPET, etc. are available in the college for research. The minor/major projects are ongoing in the institute. 26 faculty are Ph.D. holders among them 20 faculty members are recognized research guides pursuing their research. Evidence of Success □ College is recognized as research centre in Physics, Chemistry, Botany, Zoology and Mathematics disciplines. □ Five Major Research Projects are completed and some Minor Projects are ongoing of the senior college faculty. □ 29 Faculty are Ph.D. holders and among them 23 faculty members are recognized research guides pursuing their research. □ About 102 research fellows are doing their research work in the college. □ In last five years 282 research papers are published in national and international research journals having good h-index, i 10 index, SCOPUS etc. □ More than 100 students attend Indian Science Congress every year to develop research aptitude among them. □ 37 researchers completed Ph. D. work during last five years. □ Data

generated in seismic observatory is shared by Govt. of Maharashtra, LIGO India Project (GOI). Institute provides research facility to outside students. Problems Encountered and Resources Required Insufficient financial assistance from the Government of India for research. College cannot afford very costly instruments for research work. Less Industrial collaboration due to lack of industry in the region.

Provide the weblink of the institution

8.Future Plans of Actions for Next Academic Year

No data entered!!!