YEARLY STATUS REPORT - 2020-2021

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 its own campus?	Yes
• Phone no./Alternate phone no.	02462250465
• Mobile no	9420538667
• Registered e-mail	principal@sciencecollegennd.org
• Alternate e-mail	sciencecollege1950@gmail.com
• Address	P. O. Box No. 62, Sneh Nagar, Nanded
• City/Town	Nanded
• State/UT	Maharashtra
• Pin Code	431605
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Urban

• Financial Status	**UGC 2f and 12(B)**
• Name of the Affiliating University	**Swami Ramanand Teerth Marathwada University, Nanded**
• Name of the IQAC Coordinator	**Dr. VIBHATI VASANTRAO KULKARNI**
• Phone No.	**022462250465**
• Alternate phone No.	**02462251648**
• Mobile	**9850353799**
• IQAC e-mail address	**sciencecollege1950@gmail.com**
• Alternate Email address	**principal@sciencecollegenanded.org**
3.Website address (Web link of the AQAR (Previous Academic Year)	https://sciencecollegenanded.org/iqac/aqar
4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://sciencecollegenanded.org/admission-procedure/academic-calender

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**A**	**3.04**	**2004**	**16/02/2004**	**15/02/2009**
Cycle 2	**A**	**3.47**	**2011**	**30/11/2011**	**29/11/2016**
Cycle 3	**A**	**3.38**	**2017**	**27/11/2017**	**26/11/2022**

6.Date of Establishment of IQAC	**15/06/2005**

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

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr. D. M. Jadhav	RGSTC	RAJIV GANDHI SCIENCE & TECHNOLOGY COMMISSION (Government of Maharashtra)	2020, 2 years	500000
Dr. Mrs. P. S. Borkar	RGSTC	RAJIV GANDHI SCIENCE & TECHNOLOGY COMMISSION (Government of Maharashtra)	2020, 2 years	300000

8.Whether composition of IQAC as per latest NAAC guidelines	Yes	
• Upload latest notification of formation of IQAC	[View File](#)	
9.No. of IQAC meetings held during the year	4	
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	Yes	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	Yes	
• If yes, mention the amount	30000	

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

1. IQAC ensured the competent and progressive performance of academic and administrative tasks in the institution by conducting

regular meetings with the staff, all head of the Departments and the Management.
2. It motivated teachers to develop e-content and use online platforms for the smooth conduction of TL process during Covid-19 period.
3. It ensured the credibility of evaluation procedures at the institution during online examinations.
4. IQAC has undertaken digital initiatives like organizing Webinars on ZOOM platform, conducting online classes and automation of library.
5. IQAC motivated the best practices such as, E-Waste Awareness and Its Management, Plantation- Green, Clean & Plastic Free Campus. 6. IQAC has revised the existing policies and contributed new policies for effective Administration. It has established the standard feedback system with online formats. 7. IQAC promoted the participation of college in NIRF. 8. IQAC has submitted 'Star College Proposal' to Department of Bio-Technology, Ministry of Science and Technology, Government of India.

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

Plan of Action	Achievements/Outcomes
To start B. Voc. Degree and Diploma Courses	Twelve B. Voc. Courses are sanctioned by UGC and four to be started from next Academic year 1. B. Voc. Degree course: Plant Tissue Culture Technology 2. B. Voc. Degree course: Software Development 3. Diploma in Clinical and Medical Technology 4. Diploma in Sports Nutrition and Physiotherapy.
To organize Development Programme (FDP) on Intellectual Property Rights	IQAC has organized "Faculty Development Programme" (FDP) on Intellectual Property Rights: Procedures and Policies D.1/6/2021.
Conducting special programs for advanced learners	organized "One Week National Workshop on General Paper in SET / NET Examination" D. 10/06/2020-16/06/2020.

To motivate the departments to sign formal MoUs and Linkages to strengthen Institute Industry Interaction.	MoU between Mayank Aaqua Culture Pvt. Ltd. Surat, Gujrat and Science College, Nanded.
Continuous encouragement and inspiration by the IQAC to promote research aptitude and research ethics among faculty members & students by organizing conferences, workshops and lecture series	1. Quality research articles, chapter in books and books are contributed by the staff members and the research students. 2. Workshops, Seminars, Guest Lecture Series, Training Programs are organized by the departments. 3. Research Projects are submitted to various funding agencies
IQAC has especially promoted the departments to conduct some activities awareness and knowing control remedies for Covid -19.	Online State Level E-poster Competition was organized on the topic "Problems, Remedies and Challenges of Covid-19".
The IQAC has taken care of the student's extension and extracurricular activities, Student's participation in sports, games and other events and social initiatives undertaken by the students as well as placement activities, progression of the student, student's counseling and career guidance.	NSS activities were organized by college as social initiative for extra-curricular development. Sports department has conducted Online Quiz on "Rocket Sports" on the occasion of Sports Day D. 29/08/2020. Students from various departments are successful in SET/NET/GATE Examinations and are university rank holders.
To strengthen the placement activities	Department level placement activities are conducted. Computer department has successful to get the placement for their students.

13.Whether the AQAR was placed before statutory body?	Yes

- Name of the statutory body

Name	Date of meeting(s)
College Development Committee	07/05/2022

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2020-2021	31/03/2022

15.Multidisciplinary / interdisciplinary

1. Institutional vision and plans to transform itself into a holistic multidisciplinary institution as per National Education Policy 2020

1. To opt for interdisciplinary programmes for UG and PG to cope up with new National Educational Policy
2. To make higher education multi-disciplinary to fulfil the current global needs.
3. To make the students employable by providing them the knowledge of more than one discipline
4. To train students as per the present market requirement for business and job profiles
5. To give a new orientation and educate the students to touch the life of all points with human values institute wishes to plan holistic multidisciplinary system.

Some good practices to promote Multidisciplinary/ Interdisciplinary Approach in view of NEP Education-

- The College conducts Science Exhibition for students. In this exhibition all the departments participate. Students of these specific departments present their projects and teachers of relevant subjects guide them.
- Fishery department conducts Fish exhibition, Fish Recipes and food products for UG and PG students of Fishery and Zoology,
- Fishery department is conducting certificate course in Fresh Water Fish Culture Technology approved by Swami Ramanand Teerth Marathwada University, Nanded.
- Institute conducts "Brahamibhoot Swami Ramanand Teerth State Level Intercollegiate Debate Competition" from last 56 years where various social issues are debated by the participants.
- Mycorrohiza Bio fertilizer: Dr. D. M. Jadhav, Associate Professor, Department of Botany has developed Mycorrohiza Bio fertilizer after successfully completing his research project on "Mass Multiplication of Mycorrhizae for the Production of

Cost Effective Biofertilizers" sanctioned under RGSTC SRTMU Nanded, Government research scheme. This fertilizer is an outcome of his interdisciplinary research study. This fertilizer has been launched in Farmers Meet organized by Botany Department, Science College, Nanded.

- One Day FDP on Intellectual Property Rights: Procedures and Policies, One Day National Workshop on Research Methodology for basic Sciences and Technical Entrepreneurship Development Programme -Based on Food Processing such multidisciplinary programmes are conducted.
- Mathematics department has been assigning students multidisciplinary projects.

1. Institutional approach will be towards the integration of humanities and science with STEM and provide the detail programme with various combinations

Institution offers four languages- Marathi, Hindi, Sanskrit and English at UG level. Language department has conducted various multidisciplinary programmes. It has conducted international seminar on "Importance of Ethics in Literature". Faculty of English department has conducted multidisciplinary research in Film Studies, Medical Humanities, Technology, Management and Social Sciences. Institution offers flexibility and innovative curriculum which includes credit based courses and projects as per the affiliated University norms. It has plans to incorporate some courses and projects in the areas of community engagement and service, environmental education and value based education.

1. Flexible and Innovative Curricula in the Institution:

The institution offers 16 study programmes and four languages at UG level having 30 subject combinations. At PG level 11 study programmes, one PG diploma programme, 02 Certificate courses and Ph.D. programme under 05 disciplines are offered. Institute offers enough academic flexibility by providing 30 subjects combinations at UG level with significant vocationalization. The flexibility with reference to movement of students from one discipline to another and time frame are as per the rules and regulations of SRTM University, Nanded. Elective options are also provided at UG/PG level as per the SRTMU Nanded. The interdisciplinary courses like biotechnology (integrated) (UG and PG) and Environmental Science have been introduced at UG level.

All the departments assign various value based projects to the students in the areas of community engagement and service, environmental education towards the attainment of holistic and multidisciplinary education.

Institute has planning to engage multidisciplinary research to find solutions to most pressing issues. Faculties have done multidisciplinary research.

1. Institutional plans to engage in more multidisciplinary research:

1. To motivate faculty members to conduct multidisciplinary projects
2. To assign students multidisciplinary and interdisciplinary research projects

1. Good Practices of the Institution to promote Multidisciplinary/Interdisciplinary approach in view of NEP 2020.

1. Institute conducts "Brahamibhoot Swami Ramanand Teerth State Level Intercollegiate Debate Competition" from last 56 years where various social issues are debated by the participants.
2. Mycorrohiza Bio fertilizer: Dr. D. M. Jadhav, Associate Professor, Department of Botany has developed Mycorrohiza Bio fertilizer after successfully completing his research project on "Mass Multiplication of Mycorrhizae for the Production of Cost Effective Biofertilizers" sanctioned under RGSTC SRTMU Nanded, Government research scheme. This fertilizer is an outcome of his interdisciplinary research study. This fertilizer has been launched in Farmers Meet organized by Botany Department, Science College, Nanded.

16.Academic bank of credits (ABC):

1. The institution is affiliated to Swami Ramanand Teerth Marathwada University and follows the CBCS examination pattern of the University.
2. The Institute is ready to commence and implement new modules of offline and online courses as per the opportunity provided by NEP 2020.

3. Institution has established seamless collaboration with other institutions. So that in future it is able to transfer the credits.

4. Faculties are encouraged to design their own curricular and pedagogical approaches with the approved frame work including text book, manual, reading material selections, assignments and assessments, etc. in the view of NEP 2020. Faculty Development Programmes on National Education Policy 2020 are organized for the sake of dispersing information regarding opportunities and challenges which have to be faced by the Institution.

5. Various certificate programmes are conducted by Fishery Science Department, Computer Science Department, and English Department for giving opportunity to the student and the staff to create ambiance necessary for implementing National Education Policy.

17.Skill development:

1. Institute has plans to strengthen the vocational education and soft skills of students in alignment with students National Skills Qualifications Framework.

2. The Institution has planning to introduce-

- B. Voc. Degree courses in Plant Tissue Culture Technology and Software Development
- B. Voc. Diploma courses in Clinical Science and Medical Lab Technology and Sports Nutrition and Physiotherapy

1. Institution offers PG Diploma course in Disaster Management and Diploma in Women Empowerment

2. The Institution provides value based education by organizing Lecture Series, Essay Writing Competition, Poster Presentation, Debate Competition and Seminars. The NCC and NSS units are also help in to develop students' personality by inculcating positivity amongst the students. The department of languages teaches the literature which develops the humanistic, ethical, constitutional and universal human values. The Institution adheres the ethical pattern which includes values of truth, righteous conduct, peace, non violence, citizenship values, scientific temper, and also life skills, etc.

3. Efforts of the institution to develop the skills in the students:

- The institution has been planning design for a credit

structure to ensure that all students take interest in skill development. It will try to ensure that at least one vocational course would be done by all students.

- To provide suitable training by engaging the services of industry experts and crafts to the students with vocational skills.
- Institution has planned to offer vocational education in ODL/ Blended/ on campus modular modes to students.

1.   NSDC Association will be followed by the Institution to facilitate all the skill training by creating a unified platform to manage learner enrolment, skill mapping, and certification.
2. Institution has planned for offering skill courses through as well as distance mode.
3. Every year department of Computer Science organizes Tecnocase Code Battle Competition Round. Institute of Industrial Management and Research, Pune and Computer Science Department, Science College, Nanded
4. Career Guidance and Counselling Cell gives training to the students to improve their computational skills. This cell organizes "One Week National Workshop on General Paper in SET / NET Examination".
5. As per the affiliated University skill development is compulsory course for UG students in which they are assigned to improve their subject related skills every year. some skills introduced in syllabus and taught to the students-

- Fishery department conducts Workshop on "Fish recipes and Fish Products" to make aware about the professional skills.
- Fish Exhibition, T.C. Culture
- Matlab programming- how to draw graph and to solve mathematical equations.
- GMP and GLP in pharmaceutical industry. Regulatory aspects of quality control. Quality assurance and quality management in industry ISO, WHO and US certification. Heat sterilization, filter sterilization, physical indicators, chemical indicators, biological indicators and sterility testing.

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

1. The College has planned strategy for integration of the Indian Knowledge System teaching in Indian language, culture, etc. in the form of curriculum using both online and offline courses.
2. College has defined an objective to provide a forum to promote

the broader interaction among scientific, social, cultural community by organizing exhibitions, workshops, Seminars, Symposia, conferences and other relevant deliberations.

3. College has quality staffs which are competent in teaching at least in three languages- English, Marathi and Hindi which helps students to understand the course content easily.

4. At UG level four languages are taught- Marathi, Hindi, Sanskrit and English.

5. Most of the students enrolled in the Institution are from rural area so bilingual method of teaching is used. (Marathi and English)

6. Institution promotes the Indian Languages like Sanskrit, Marathi, Prakrit and Classical, etc.

7. Though the Institute is single faculty Science College, and there is less scope for using Indian Languages but in most of the programmes local language Marathi is preferred.

8. The college has been established by great freedom fighter Poojya Swami Ramanand Teerth. The College tries to preserve ancient traditional knowledge and culture as the Institution has prestigious history and background.

9. In social gatherings "Vivek-Tarang", every year college organizes various cultural programmes and promotes Indian arts, music and dance. Every year students participate in Youth Festival organized by Swami Ramanand Teerth Marathwada University, Nanded.

10. Good practices in Marathi, Hindi and Sanskrit departments

- The College is privileged with Nobel background. Hon. Secretary Sow. Shyamal Patki is daughter of well known Marathi writer Respected Former Principal Late Narhar Kurundkar. Various activities are conducted by Narhar Kurundkar Foundation.

- Marathi Department organizes Marathi Bhasha Din and Marathi Saptah on the occasion of birth anniversary of famous Marathi poet Kavi Kusumagraj every year.

- Poster presentation competition, seminar competition, essay and poetry writing competition, debate competition.

- Sanskrit department, Science College organizes Geeta Pathan competition. Nanded & Shri Dasganu Sant Bhakt Mandal organize "Shrimad Bhagvat Geeta Jayanti Program". Sanskrit shlok recitation competition, *Panchtantra* and *Hitopadesha* Seminar Competition are held.

- Hindi department organizes Hindi Day Program.

- Library department organized "Four Days Lectures Series Organised during 17-20 October,2020 on Occasion Late Dr. A.P.J. Abdul Kalam Birth Anniversary Cum Vachak Prerna Din" by

Science College, Nanded

- Library department has been organizing guest lectures on "Value Education".
- On the occasion of National Hindi Day: Nagari Lipi Parishad, New Delhi : Essay Writing Competition
- On the occasion of National Hindi Day: Nagari Lipi Parishad, New Delhi : Letter Writing Competition
- International Web Online Poetry Conference-Nagari Lipi, New Delhi in Collaboration with Science College, Nanded.
- 'Comparative Study of Devotional Poetry of Maharashtrian Saint Gyaneshwar and National Saint Bhakt Mira'-National Teacher Awareness, Ujjain
- One Day International Webinar in Collaboration with 'Darpan' Patrika (Oslo Norway) and Rashtra Kinkar Delhi and Science College, Nanded- Rashtra Kinkar Delhi and Science College, Nanded
- Online International Webinar on on the topic "Importance of Ethics in Literature" organised by Science College, Nanded in collaboration with Rashtiya Sanskrit Manch, Maharashtra Prant. 7th Feb. 2021

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

The Institution has its vision to educate and transform the youths to touch life at all points with human values. Institutional aims and objectives are designed to accomplish the vision. A curriculum of affiliated University is followed by the Institution which has defined outcomes to provide knowledge and skills according to the expectations of the students. The College envisaged following set of the generalized and specific goals for the institution.

- To provide higher education to the youths of backward region of Marathwada in particular and Maharashtra in general.
- To impart science and technical education to youth of this region.
- To catalyze the development of enlightened and responsible citizens of secular democratic India.
- To try to cultivate the spirit of the service of the people in students receiving instructions in this institution.
- To develop the sense of service and belongingness towards the suppressed, downtrodden and exploited people of this region.
- To give a new orientation and educate the students to touch the life at all points with human values.
- To develop and evolve the student's personality with freedom to develop their own views without prejudice and free from all "isms".

In view of changing scenario of higher education at national and international levels and advancing frontiers of science and technology this institution has reviewed, contemplated and redesigned the goals and tried to give them a new orientation and additional dimension but keeping the core human values intact. These goals are as under.

- To provide ideal academic atmosphere for the pursuit of excellence in higher education.
- To introduce new restructured and vocational courses to keep pace with evolving standards of professional competence.
- To impart in-depth knowledge and expertise through innovative methods of teaching and learning so as to create a pool of resourceful, self motivated scientific manpower.
- To prioritize good governance and high ethical standards at institutional level.
- To promote high quality research stressing the regional needs and social relevance.
- To nurture the research activities for academic nourishment, updating and fostering of scholastic temperaments.
- To organize extension activities for community development focusing on civic responsibilities, social awareness and value based education.
- To provide a forum to promote the broader interaction among scientific, social, cultural community by organizing exhibitions, workshops, Seminars, Symposia, conferences and other relevant deliberations.
- To impart broad-based knowledge to face current competitive world.
- To make higher education relevant to knowledge age.

Departmental Good Practices:

1. Department of Chemistry and Agro. Chem. and Fertilizers, Anal. Chemistry

- Dr. D. S. Deshpande Lecture Series

1. Department of Botany, Micro biology & Biotechnology

- "Dr. K. S. Deshpande Memorial Lecture Series" To commemorate the good works Dr. K. S. Deshpande Department of Botany, Microbiology and Biotechnologyorganizes"Dr. K. S. Deshpande Memorial Lecture Series" Dr. K. S. Deshpande was former

Principal of this college and Head of the department of Botany. He was well known Plant Pathologist worked on various fields of Plant Pathology particularly on Microbial Toxins, Enzymes and Plant Tissue Culture. He had been published 12 Books and 57 research papers in National and International Journals. He had been produced 25 Ph. D. students and brought 16 major and minor research projects of various funding agencies. He was member of more than 30 National and International organizations. He was selected as visiting young scientist by British Council in UK. He was felicitated as Eminent Scientist on the occasion of diamond jubilee of S. B. Education Society, Aurangabad. He was felicitated by Nanded Municipal Corporation as "Nanded Bhushan" for services to society and educational developments. He was also worked as President of Marathwada Botanical Society, Aurangabad. He was awarded 03 Gold medals and appreciation citations in the VIII World Congress on Ecology and Environment, New Delhi for best presentation. He had also nominated by Governor of Maharashtra on the Planning and Development Board of Shivaji University, Kolhapur.

1. Department of Zoology and Fishery Science

- Departmental Website, Fishery Digital Lab, Fish Tank, Zoology Labs, National Workshops for effective teaching-learning process

1. Department of Physics and Electronics

- "Late Dr. K. Ram Mohan Rao Lecture Series in Electronics and Physics" In the department of physics "Late Dr. K. Ram Mohan Rao Lecture Series in Electronics and Physics" was start on the occasion of "World Year of Physics-2005" in the name of our beloved teacher Late Dr. K. Ram Mohan Rao. Dr. K. Ram Mohan Rao was student's favorite teacher. He taught Electronics and Physics right from the inception of the department to the students and the colleagues. So far topics covered in this series are from the areas like 'Digital signal processing, embedded systems, Communication electronics, Video signal processing, nonconventional energy technologies, quantum physics and astrophysics, Thin films, etc. Late. Dr. A. W. Joshi, HOD, Dept. of Physics, Pune University, Pune, Dr.

P. B. Patil, Dr. S. H. Behre, Dr. M. L. Kurtdikar, Dr. S. Chandra, Dr. S. Aundhkar, Dr. Talbar, Dr. M. K. Patil, Dr. A. L. Choudhari, Dr. R. Manthalkar, Dr. Shambhunath Kahalekar, Dr. Popalghat, Dr. U. D. Joshi, and many more scientists have delivered their valued talks in this lecture series.

1. Department of Mathematics

- National workshops, conferences and seminars. MATLAB practicals

1. Department of Statistics and Computer Science

- Workshop for Salesforce Job Skill in Association with Elite Software's, Pune.
- Code Battle Competition
- Organization of National conferences and Workshops
- Add on Python Certificate Course.

1. Department of Geology

- Seismic Observatory, Consultancy services, Field visits and trips, Guest lectures and organizing National conferences and Seminars.

1. Department of Sports

- National level sports facilities are available on campus.

1. Department of English

- Language laboratory with Orell Software for communication skills development.

20.Distance education/online education:

SWAYAM NPTEL COURSES

Swayam/ NPTEL is programme initiated by the Government of India and run various courses in Engineering and Technology, Health Sciences, Humanities and Arts, Law, Maths and Science, Finances, Management and Commerce etc. these courses are co ordinated by NPTEL, AICTE, IGNOU, NCERT, NITTTR, NIOS, CES and UGC. The objective of these courses is to take the best teaching learning resources to all,

including the most disadvantaged. All the courses are interactive, prepared by best faculties from Institutes of repute like IITs, ISER, and IIMS, from across the country. These courses are run from a digital platform like SWAYAM, NPTEL. And is offered as 4 weeks, 8, 12, 24 weeks programme module. Students join and register for the examination and qualify the exam and earn credits, reflected in their University mark memos. Many students gain knowledge and skills and acquire jobs in various IT companies and industries. These courses are also completed by our faculty members and they have enhanced their knowledge and aquire practical skill which is used by them to impart quality education of their students. Many of our faculties have secured good scores and are in Elite gold, Elite silver categories. These courses really are appreciated and beneficiary to all the students to improve their skill and enhance their knowledge. MODC/SWAYAM/NPTEL Online Courses Committee is formed by college which motivates to students & staff of college to undergo various online courses. E-content for online teaching is created by the faculty members. College has zoom platform to deliver online lectures. Internet Resource Centre is available for students and teachers who access information and knowledge as well as to conduct online courses. Dr. Kiran Shillewar faculty members have contributed in e-content development of the University. Dr. Vibhati V. Kulkarni has contributed in the development of e-books for prescribed syllabus of the University. The library provides various e-books for study. It has e-journals, e-books, e-shodhsindhu, databases like ILMS software of SOUL (Software for University Libraries) 3.0 version.

Extended Profile

1.Programme

1.1   **687**

Number of courses offered by the institution across all programs
during the year

File Description	Documents
Data Template	[View File](#)

2.Student

2.1   **1709**

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

2.2   **1027**

Number of seats earmarked for reserved category as per GOI/ State
Govt. rule during the year

File Description	Documents
Data Template	[View File](#)

2.3   **610**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	[View File](#)

3.Academic

3.1   **74**

Number of full time teachers during the year

File Description	Documents
Data Template	[View File](#)

3.2   **74**

Number of sanctioned posts during the year

Extended Profile

1.Programme

| 1.1 Number of courses offered by the institution across all programs during the year | **687** |

File Description	Documents
Data Template	[View File](#)

2.Student

| 2.1 Number of students during the year | **1709** |

File Description	Documents
Institutional Data in Prescribed Format	[View File](#)

| 2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year | **1027** |

File Description	Documents
Data Template	[View File](#)

| 2.3 Number of outgoing/ final year students during the year | **610** |

File Description	Documents
Data Template	[View File](#)

3.Academic

| 3.1 Number of full time teachers during the year | **74** |

File Description	Documents
Data Template	[View File](#)

3.2 Number of sanctioned posts during the year	**74**

File Description	Documents
Data Template	<u>View File</u>

4.Institution

4.1 Total number of Classrooms and Seminar halls	**19**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**2.8**
4.3 Total number of computers on campus for academic purposes	**197**

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

The Academic Calendar is prepared by the college in line with the prescribed curriculum and academic calendar of S.R.T.M.University, Nanded. The college has defined CO, PO and PSO as per university curriculum. All the department heads distributed the syllabus among the respective specialized teachers. The teachers prepared semester-wise teaching plans in accordance with the syllabus prescribed and timetable of the college to complete the syllabus on time. Various software and apps are used by teachers. The college library has provided access to INFLIBNET. E-books, national and international e-journals and other e-resources. Due to COVID-19, Online internal tests are conducted. The results of these tests helped to identify slow and advanced learners. Online Remedial classes are conducted by the teachers for slow learners; the academic and career prospects of the advanced learners are enhanced with the help of special coaching which has been reflected in the results of the university denoting university rank holders from various departments. The departments have

organized seminars, guest lectures, workshops, training programs and conferences, etc. The Departments have developed lab Manuals Students have submitted their online assignments, projects, dissertations and PPTs. Feedback from the students is recorded to review the attainment of CO, PO and PSO.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://sciencecollegenanded.org/admission-procedure/academic-calender

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

The college provides Academic Diary. This diary includes the academic calendar planned in accordance with the academic calendar of the affiliated university. The Academic Diary includes detailed dates declared by the affiliated university for the beginning of the term, the end of the term, the list of the holidays and probable dates of the examinations in advance. The calendar prepared by the college has included the dates of internal examination, various events, activities, and tasks to be done. In additions, curricular and extra-curricular activities are also planned and conducted by the faculty. Every faculty then follows the comprehensive calendar to make his own teaching plan. The teacher has mentioned his daily teaching report in the dairy regularly monitored by Vice-Principal and Principal. The college committees are also mentioned in this diary. IQAC has kept constant follow-up of activities, events and the schedule of the internal evaluation. The continuous assessment of the students is done by the departments by providing them with online assignments, holding unit tests, seminars, projects, dissertations, etc. With this continuous assessment, students are evaluated and guided for further career progression.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://sciencecollegenanded.org/admission-procedure/academic-calender

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

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

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

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

13

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	**No File Uploaded**
Institutional data in prescribed format (Data Template)	View File

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

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

2

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

85

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

the Institute has formed committees to integrate the Cross-Cutting issues in the curriculum.

Health and Hygiene, Food Nutrition, Food Adulteration, Environmental Awareness, Poverty Reduction, Secularism, Corporate Social Responsibility, Gender Balance, Changing Human Values, Women Empowerment, Agriculture and Soil Improvement.

1. Health Committee: Organized Health and Hygiene Programmes, free Health Checkup Camps, Blood Donation Camps, In Covid 19- Mask Distribution and Provided Sanitazatiion Facilities.

2. The Eco-friendly Committee:Conducted: Tree Plantation, "The One Day International Workshop on "E-Waste: Its Awareness and Management."Save Snake Save Human Life", Anti Addiction Programme, Save Water Save Earth programme, Best from Waste State Level Competition.

3. Library, Science College: conducted 'Vachan- Prerana Din' from 17/10/2020 to 20/10/2020 on Value Education, Four Days Lecture Series.

4. The NSS Committee: conducted Annual Camps, Awareness Programmes during Covid 19, Programme for the "Preservation of Environment, Natural Resources, and Clean India Campaign."

5. Women's Grievances Committee and Girls Activities Committee: Women Empowerment Activities, Gender Sensitization Activities, Women Health Programmes.

6.Earn and Learn Committee: Economically weaker students are supported with financial assistance.

In the prescribed syllabus by the affiliated university of -Chemistry, Botany, Zoology, Physics, Biotechnology, Microbiology, Geology, Compulsory English and Second Languages cross-cutting issues are integrated.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

16

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

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

325

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

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

A. All of the above

File Description	Documents
URL for stakeholder feedback report	https://sciencecollegenanded.org/iqac/reports
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	**No File Uploaded**

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

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

File Description	Documents
Upload any additional information	[View File](#)
URL for feedback report	[https://sciencecollegenanded.org/iqac/reports](#)

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

1709

File Description	Documents
Any additional information	**No File Uploaded**
Institutional data in prescribed format	[View File](#)

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

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

724

File Description	Documents
Any additional information	**No File Uploaded**
Number of seats filled against seats reserved (Data Template)	[View File](#)

2.2 - Catering to Student Diversity

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

The departments have prepared excel sheets denoting the marks of core subjects at the entry levels that is at B.Sc. I and M.Sc. I

year. The departments have defined the categories of high, medium and low percentages on the basis of the marks obtained in the previous classes. The class tests are taken initially to classify the students into low, medium and high performers. Then, the internal unit tests are conducted and marks obtained are compared, before that, baseline marks and advanced level marks are determined to know the level of the students. The groups of slow and advanced learners are formed. Each department has conducted remedial classes for slow learners and assignments are provided to them to be solved. For the advanced learners, teachers have provided them with tasks like seminar presentations, projects, paper presentations, conducting workshops, programs, and extra book facilities. According to the students' interests, they are guided in their careers. The presentations and seminars by the students exhibit their capacities to remember, understand, apply, analyze, evaluate and create. The gradual progress of students is experienced through their results, progression and placements. The Online SET/NET Workshop is conducted for advanced and medium learners.

File Description	Documents
Paste link for additional information	https://sciencecollegenanded.org/iqac/reports
Upload any additional information	View File

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

Number of Students	Number of Teachers
1709	74

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

The college has provided CBCS pattern to the students for their learning by using students' centric innovative methods, skills, knowledge and life long learning experiences.The university has integrated Skilled Based syllabus so the students acquire these

skills and knowledge by studying. The Skill Enhancement Course (SEC) is integrated in the syllabus by the university which is value based and skill based. This course aims at providing students hands on training and core competencies.Each department has provided ample of scope to learn the students to participate in Power Point Presentations, Seminar, Interactive Methods, Independent Search for ideas and solutions, Flipped Classes, Industrial Visits, use of educational technology to learn and investigate, Learning by Doing, Project based learning, use of e-resources in the library, Computer-aided information retrieved by students, Problem Solving Methods, Lab to Field Learning,dissertations, discussion with experts, etc.The students participate in research activities with minor projects which then useful for them for their Ph. D. research. The college has also practiced some participative learning methodologies like brainstorming, case studies, community survey in NSS Camps. The students of PG departments have been practicing the method of learning by actual involvement in teaching.

File Description	Documents
Upload any additional information	View File
Link for additional information	Nil

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

The Teachers use ICT-enabled tools for the effective teaching-learning process.The College has a zoom platform for teachers for online teaching. It also has an 'Internet Resource Centre' Facility for staff and students. The teachers use theLibrary for audio, video material and e-resources. Every department in the college has prepared Power Point presentations for online teaching-learning. The teachers have used various Apps like Zoom, Google Meet, Google Classroom,and software like OBS, Microsoft Teams, Microsoft board, and Google Co-lab online server. Google applications like Google Docs, Google Forms, Google Drive, Google Suite and E-mails are frequently used by teachers. Teachers have created YouTube channels, websites, radio talks and Blogs for making online teaching successful. Mobile apps like WhatsApp and Telegram played very important roles in organizing online classes and sending links. The teachers have prepared their video materials for teaching. The departments have maintained a record of topic-related films at their departments. Audio Visual Tools

and equipment are used like computers, T.V., laptops, LCD Projectors, Interactive Boards, cameras, microphones, headphones, tablets, scanners, pen drives, printers, and digital cameras. Teachers acquire knowledge from NPTEL, MOOC, and SWAYAM Courses to update their knowledge.

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	[View File](#)

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

2.3.3.1 - Number of mentors

74

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	[View File](#)
Circulars pertaining to assigning mentors to mentees	[View File](#)
Mentor/mentee ratio	[View File](#)

2.4 - Teacher Profile and Quality

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

74

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	[View File](#)
Any additional information	**No File Uploaded**
List of the faculty members authenticated by the Head of HEI	[View File](#)

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

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

34

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

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

2.4.3.1 - Total experience of full-time teachers

807

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

The college has declared the schedule and the dates of the internal examination in the academic calendar given in the College Academic Diary at the beginning of the academic year. The time table isdisplayed on the college website. The Examination Committee has conducted meeting to decide the time table and duty allotments. The units for examination are intimated in the WhatsApp groups before conducting the Unit Tests.The departments have conducted the unit tests in a smooth and transparent way using the online mode as per the C.B.C.S. pattern of S.R.T.M.U., Nanded. Internal Examinations are conducted with the help of

google forms using subjective as well as objective questions. The responses are collected and the analysis of the result is done by the individual teacher. The nature of the question papers has been discussed with the students. The assessment of the answer-books is done and explained to the students.The students are conveyed their areas of improvement. After getting the results teachers explained the expected answers to the students.The multiple tests have been conducted with the help of various methods like subjective and objective question papers, seminars, viva, presentations, minor projects for the effective learning and internal assessment of the students.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	[Nil](#)

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

The teachers have told the students about the components of the evaluation process during the semester at the beginning of the semester as per the C.B.C.S. pattern of S.R.T.M.U., Nanded. The internal examination schedule has been conveyed to the students in advance. The use of ICT for conducting examinations made it easy to evaluate and make the transparent assessment of the result. The result of the students is conveyed to them. For internal assessment of the students their regularity, performance, promptness and viva are also considered. The assignments have been given to improve the subject related skills to the students.The projects of the students are evaluated to check the quality by their guides and Project Review Committee at the departmental level.The college has Grievance Redressal Committee to resolve the complaints of the students regarding the academic and administrative problems.This committee also resolves the problems related to the internal assessment. The complaint box is kept before the principal's office for handling the grievances of the students. This complaint box is regularly opened. The students approaching with the complaints are taken care and their complaints are resolved immediately.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

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

The affiliated University provides syllabus of all programmes in which COs and POs are clearly mentioned. The Institute has communicated the course outcomes and programme outcomes mentioned by the affiliated University to the stakeholders. These POs and COs are stated and displayed on college website.The Course Outcomes and Program outcomes are formed to accomplish the Academic Principles, Social Sensibilities and Moral and Spiritual Values and help for the all round development of the students.Keeping in view of all program outcomes, course outcomes and program specific outcomes students are educated and the whole syllabus is completed. In the orientation program of the college, students are acquainted with all the aims and objectives and expected outcomes of the programmes they have been admitted to. Even the Programme Assessment Plan detailing the different Assessment types are also designed and implemented by the college. Every department has record of COs and POs in files so as to communicate all the stakeholders. The teachers make aware the students about programme and course outcomes while starting each course. The accomplishment ofCOs and POs are observed while mapping attainment of the students.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://sciencecollegenanded.org/program-outcome
Upload COs for all Programmes (exemplars from Glossary)	No File Uploaded

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

Attainment of Programme Outcomes and Course Outcomes are evaluated on the basis of-

1. Continuous Internal Evaluation by conducting unit tests, assignments, seminars and other participative learning methods to evaluate the progress of the students.
2. Continuous internal monitoring of students while doing regular practicals and handling different instruments to evaluate modern tool usage.
3. Project-based work in PG Classes to evaluate the efficiency to conduct investigations and research in related complex problems and design development solutions.
4. Observing the participation in sports, cultural activities, Workshops, and Conferences to evaluate the students.
5. Teachers observe students actively participating in tree plantation, rainwater harvesting, NSS, NCC,Sports to check students showing social responsibility and environmental awareness.
6. Participation of learners in different competitions and curricular activities like poster presentations, elocution competitions, paper presentations, seminars, and PPT presentations.
7. Student's ability to use ICT techniques to acquire modern tool usage and employability skills.
8. Learners' involvement in seminars, group discussions, internships, field visits and study tours, and industrial visits.
9. Learners' punctuality, regularity, shared responsibilities, participation in classroom activities, co-curricular activities and overall quality of their behavior.
10. Use of question-answer methodology to check communication skills and soft skills for creative and critical thinking of learners.
11. The students' results,progression and placement.

File Description	Documents
Upload any additional information	[View File]()
Paste link for Additional information	https://sciencecollegenanded.org/program-outcome

2.6.3 - Pass percentage of Students during the year

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

633

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<u>View File</u>
Upload any additional information	<u>View File</u>
Paste link for the annual report	<u>Nil</u>

2.7 - Student Satisfaction Survey

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

<u>https://sciencecollegenanded.org/iqac/sss</u>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

8.0

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

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

3.1.2.1 - Number of teachers recognized as research guides

39

File Description	Documents
Any additional information	[View File](#)
Institutional data in prescribed format	[View File](#)

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

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

01

File Description	Documents
List of research projects and funding details (Data Template)	[View File](#)
Any additional information	**No File Uploaded**
Supporting document from Funding Agency	[View File](#)
Paste link to funding agency website	[Nil](#)

3.2 - Innovation Ecosystem

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

The College has created an ecosystem for innovation.It has been promoting policies and practices, making adequate resources available. It encourages active research involvement of teachers and scholars in research by organizing seminars on IPR.The college has made available the required infrastructure in terms of space, place and equipment with adequate technological, office and laboratory support facilities on the campus for undertaking research.The College collaborates with other agencies, institutions, research bodies for sharing research facilities and undertaking collaborative research. The College provides support in terms of financial, academic and human resources required and timely administrative decisions to enable faculty to submit project proposals and approach funding agencies for mobilizing resources for research.The College has incubation centre at its primary level. It has signed MoUs, linkages and collaborations. College library has enough books, e-books, journals, OPAC system, data basis, reading rooms. It provides setup for knowledge

creation.The college organizes book exhibitions and science exhibitions. College has Research Committee, Career Guidance and Placement Cell and Internet Resource Centre. Students are trained, guided and counselled for incubating their ideas by these committees.Students are motivated to attendconferences, workshops, seminars and Science Congress.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[Nil](#)

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

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

02

File Description	Documents
Report of the event	[View File](#)
Any additional information	**No File Uploaded**
List of workshops/seminars during last 5 years (Data Template)	[View File](#)

3.3 - Research Publications and Awards

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

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

109

File Description	Documents
URL to the research page on HEI website	[Nil](#)
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	[View File](#)
Any additional information	[View File](#)

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

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

51

File Description	Documents
Any additional information	**No File Uploaded**
List of research papers by title, author, department, name and year of publication (Data Template)	<u>View File</u>

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

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

12

File Description	Documents
Any additional information	**No File Uploaded**
List books and chapters edited volumes/ books published (Data Template)	<u>View File</u>

3.4 - Extension Activities

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

The institution is networked in its neighborhood. The Institute leads so many programs for motivating students to participate in social activities. The college Eco-Friendly Committee has organized Tree Plantation Programmes, Clean City Proragm, Irradication of Superstition Programme, Blood Donation Camp, Help Camps for Corona Victims, No Addiction Movement (Say NO to Alcohol drink, Tobacco and Drugs), Monetary Help For Maharashtra Flood Victims, etc. The college NSS and NCC units have organized various activities which are contributing to boost the spirit of discipline and patriotism among the students. NSS has focused on inculcating social skills and value based life skills among the students by organizing the on-campus and off-campus activities. Students are motivated through lectures, seminars debates, group

discussions on social issues. These activities are helpful to imbibe the soft skills like team building, leadership, communication Skills, confidence building, decision making, conflict resolution, negotiation skills, etc. In some departments guest lectures are planned to make students aware about social issues related to Physical and Psycological Health, Suicide Prevention and Stress Management, etc. Various girl's activities are conducted for their holistic development.

File Description	Documents
Paste link for additional information	https://sciencecollegenanded.org/iqac/reports
Upload any additional information	View File

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

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

1

File Description	Documents
Any additional information	**No File Uploaded**
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

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

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

32

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

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

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

1744

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

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

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

05

File Description	Documents
e-copies of related Document	View File
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	View File

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

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

04

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The college has sufficient classrooms, ICT halls, an updated library, a Wi-Fi facility and various software. Alldepartments have well-equipped laboratories, store rooms and notice boards, and LCD projectors and in some departments interactive boards, inverters and generators are available. The Institute has recognized research centres in Botany, Mathematics, Chemistry, Physics and Zoology. The library has reading rooms, software and ICT facilities, e-journals, e-books and back volumes. The Central Instrumentation Lab, Incubation centre, Language lab. with Orell software, Career Guidance Cell and internet resource centre facilities are provided to the researchers, students of college and of other institutes. The medicinal plant garden, botanical gardens, greenhouse, Plant Tissue Culture, fish tank, vermicompost, and biogas unit are available. The Departments of Chemistry, Botany, Physics and Electronics, Zoology, Computer Science and Mathematics have PG Departmental Libraries, Departmentof Physics has Hobby Workshop. The fishery department has fish aquarium. The Department of Mathematics has software like Mathematica and Mapple. Department of Computer Science has labs with updated software. The department of Botany, Zoology and Geology have well-maintained museums. The Geology department runs

seismic centre. The chemistry department has preparation and balance room. The renovation and upgradation of laboratories and library have been done regularly.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[Nil](#)

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

The college has adequate sports, Games Gym, Yoga and Cultural facilities.

- **Multipurpose Sport Indoor Hall (120/80sq.ft)- 01**
- **Running Track (400 meter)- 01**
- **Volleyball Ground (9 × 18 mts)- 01**
- **Cricket Net Practice Facilities (10×30 ft.)- 02**
- **Kabadi Ground (25/20 mts)- 01**
- **Gymnastic Facilities Available (20×30 sq.ft.)**
- **Football Ground (90×45 mts) - 01**
- **Lawn Tenis Court Facilities (24×10 sq.m.) - 01**
- **Cricket Ground Facilities (70×45mts) - 01**
- **Weight Lifting & Power Lifting Facilities - 01**

- **Games:**

Badminton, Table Tennis, Cricket, Athletics, Volley Ball, Archery, Kabaddi, etc.

- **Gymnasium equipment:**

Double Bar, Single Bar, Multi-station GYM, Treadmill, Cycle, Thera band, GYM Ball, Medicine Ball, Yoga Mat, etc.

- **Cultural Activity:**

Auditorium, Amphitheatre, Seminar Hall (CCS), video and photography system, musical instruments, sound systems and required facilities for dance and drama are available.

Students are winners of various state and national level cultural

and sports competitions. CCTV Surveillance of full campus is available.

- **Utilization for Commercial purpose by organizing:**

Exhibitions, festivals, matches, NCC Weekly parades, NSS Programs.

Special Summer Coaching Camp for College and School Students from Nanded District.

- **Yoga:**

Yoga facility is available under the supervision of Yoga teacher on campus.

International Yoga Day and Meditation camp are organized regularly.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

25

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.sciencecollegenanded.org/
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

2.8

File Description	Documents
Upload any additional information	**No File Uploaded**
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

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

The college library is enriched with books, reference books, magazines, e-books, etc. To manage the library successfully, the institute has Integrated Library Management System. The library has 2 reading rooms. It is automated since 2003. The college library has updated ILMS software of SOUL (Software for University Libraries) 3.0 version which is being used for report generation ability, accession, bar-coding, stack distribution facility, other inbuilt features. It is fully automated. The library has E-Journals, DELNET, N-List (INFLIBNET) e-shodganga, e-shodsindhu, E-Books, Data base in DELNET, N-List (INFLIBNET). This software helps in book transaction process to keep the record of the issue; return, renewal, reserve, Issue (on premises), return (on premises), lost, missing, damage, withdrawal, reminder of the book. It also denotes the total users of the library. The remote Access to E-resources is available. Library Portal is in process. The library also has the content management system for e-learning. It has one computer which is accessible to students to check the availability of the resources in the library. The internet facility is available in the library and the bandwidth or speed of internet is 50MBPS.The library has institutional e-repository.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	Nil

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

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

2.2

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

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

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

15

File Description	Documents
Any additional information	**No File Uploaded**
Details of library usage by teachers and students	[View File](#)

4.3 - IT Infrastructure

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

1. The College has competent IT facilities. Well equipped Resource Center with sixteenlatest configured computers is established.
2. A Language Lab with interactiveboard, Projector and Orell Software are available.
3. UG and PG Class rooms and Laboratories are facilitated with LCD, Projector and Desktop set to demonstrate the PPTs, Video lectures and other digital material.
4. College Campus is facilitated with five different Broadband connections through Optic Fiber with 100 Mbps Internet Speed, departments are connected to the internet connection.
5. Wireless Internet facility (Wi-Fi) is also provided through this internet connection. Staff member and students can access the Internet through their Laptops, Mobiles and Tablets in the college campus.
6. Entire College campus is monitored through CCTV cameras.
7. College also has Bulk SMS facility to send urgent messages to the students.
8. College has well equipped Computer department with three different Computer laboratories.
9. These laboratories are utilized by UG and PG students for their Projects and Practical Work. Different Online examinations are also conducted in these laboratories with C, c++, java, MATLAB, LINUX Windows 10 operating systems, Dot net, Visual Basic Software
10. Mathematics Department has Mathematics Lab with Math CAD and MATHLAB Software.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers

197

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	**No File Uploaded**
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

8.7

File Description	Documents
Upload any additional information	**No File Uploaded**
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

The Infrastructure Maintenance Committee and Purchase Committee look after the maintenance and utilization of physical, academic and support facilities. The committee takes care of allmaintenance regarding laboratory, library, canteen, classroom, NCC, NSS office and campus garden, etc. All departments prepare the list of nonworking instruments /equipment and repair by outside technicians as per the requirements and it is monitored by the committees. While preparing the budget HODs take into account the departmental requirements like instruments, equipments, glassware, chemicals, books, journals, computers, renovation of labs, departmental library, etc. Light bills, telephone bills, security guard salaries, office expenses, travel allowances, and CCTV surveillance expenses are maintained from the college budget. Every department maintains a stock register and verification is done at the end of the year. The funds received from DST-FIST and CPE are utilized to purchase new instruments for upgradation of labs, renovation of classrooms, ICT halls, up-gradation of library, etc. Maintenance of the Canteen, NCC, NSS office, sports office, running track, and indoor hall is done by college budget. NSS receives some funds from S.R.T.M. University, Nanded for different extracurricular activities and NSS camps. Department of Computer Science faculties takecare of maintenance of computers, Wi-Fi, hardware, software, etc.

File Description	Documents
Upload any additional information	[View File]
Paste link for additional information	[Nil]

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

879

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

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

2

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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

A. All of the above

File Description	Documents
Link to Institutional website	Nil
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

831

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

831

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	No File Uploaded
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

41

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	View File

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

5.2.2.1 - Number of outgoing student progression to higher education

98

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
Details of student progression to higher education	View File

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

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

45

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

5.3 - Student Participation and Activities

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

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

8

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at unive rsity/state/national/international level (During the year) (Data Template)	View File

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

Due to Covid-19, the elections of Student Council were not held during the year 2020-21 as per the directions of Maharashtra Government. The student council of our institute is constituted on the merit basis and representatives from NCC, sports, NSS, cultural activities. They help to the college administration to maintain discipline and decorum on the campus. The Student Council mainly involves 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,19) Celebration of birth anniversaries of National leaders, 20) Science day, 21)Debate Competition, 22)Tree plantation, 23)Paper and poster presentation, 24)Project Competition, 25)organization of Blood Donation Camp, 26) celebration of Independent day, Republic day, etc.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

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

8

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

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

Science College has functional Alumina Association Since 2004 and it has been registered with the Assistant Charity Commissioner office, Nanded Division Nanded since 4th August 2021. The association is also registered as Society with Assistant Register of the Society, Nanded Division, Nanded.

Aims and Objectives: To keep our Alumni linked to our college and support future students.

The Alumni Association has conducted the following activities.

1. 01/01/2020: Hon. Hemant Patil, Member of parliament-Hingoli, who is an alumina of Science College, Nanded, planted 25 Mango Trees.

2. 26/01/2020: Magazine-"The ESSENCE OF SCIENCE" was released by Hon. Dr. Vyanktesh Kabde, President, Nanded Education Society, Nanded.
3. 27/10/2021: Organized One Day National Seminar on "Alumni Association: Role, Responsibilities & Expectations".
4. 30/10/2021: Alumni Reunion-21- Hon. Hemant Patil, (MP), Hingoli felicitated, Rank holders of the University, even the alma-mater who has qualified for Ph.D. and other competitive exams such as NET/SET.
5. 06/11/2021 all senior alma-maters of the Alumni association have planned to make efforts to raise funds and conduct various co-curricular activities as well as an interactive session between faculty and non-teaching faculty where ideas were exchanged for the alumni association's future development.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The vision and mission statements of the college are communicated to all the stakeholders through the Academic Diary of the teachers and are displayed on the boards at various important places in the college as in the principal's cabin, IQAC office, website, prospectus and all the departments. The teaching and non-teaching staff are taking active part in decision making bodies such as GC, CDC, IQAC, statutory and other committees of the college. Science College has following perspectives.

1. To introduce new restructured and vocational courses to keep pace with evolving standards of professional competence.
2. To impart in depth knowledge and expertise through innovative methods of teaching and learning so as to create a pool of resourceful, self motivated scientific manpower.
3. To prioritize good governance and high ethical standards at institutional level.
4. To nurture the research activities for the academic nourishment, updating and fostering of scholastic temperaments.
5. To organize extension activities for community development focusing on civic responsibilities, social awareness and value based education.
6. To provide a forum to promote the broader interaction among scientific, social, cultural community by organizing exhibitions, workshops, seminars, symposium, conferences and other relevant deliberations.
7. To impart quality education to downtrodden people in the society.

File Description	Documents
Paste link for additional information	https://sciencecollegenanded.org/mission
Upload any additional information	View File

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

The Nanded Education Society governing council appoints the Principal and Vice-Principal for smooth and efficient college administration to decentralize the administration. To facilitate the administration and for smooth functioning of the academic activities Institution has formed different committees under the guidance of Principal and IQAC Coordinator. Principal of the college looks after the financial matters, institutional policies and strategies as well as development and research in various departments. He also deals with all the stakeholders with various issues. Principal briefs the policies of the institute in the staff meeting and also guide students in the orientation programme at the beginning of the academic year.

1. Faculty Level Management: All the faculty members of the

college are given responsibilities of different committees. The conveners conduct academic curricular and extra-curricular activities in the college which results in transparency and enrichment.

2. **Students Level Management:** The convener of the committee selects the students in consultation with class representativeon different committees according to their abilityfor smooth functioning of work assigned to the committee.

3. **Non-teaching Staff Level 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.

File Description	Documents
Paste link for additional information	https://sciencecollegenanded.org/policy/policy-effective-leadership
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The college has significant perspective plan - Adding new courses, Applying for research projects, Updating Labs, organizing curricular, co-curricular and extra-curricular activities.

Science College Lecture Series

The College has been organizing lecture series in line with the strategic plan of the institution to impart in-depth knowledge and expertise for the academic development of the students so as to create a pool of resourceful, self-motivated scientific manpower.

The Department of Physics and Electronics has been organizing "Late Dr. K. Ram Mohan Rao Lecture Series in Physics and Electronics"from last 17 years, Department of Botany, Microbiology and Biotechnology organizes "Dr. K. S. Deshpande Memorial Lecture Series" from 2008 and Department of Chemistry, Analytical Chemistry & Agro Chem.& Fertilizers organizes "Dr. D. S. Deshpande Lecture series"from 2003. These lecture series cover different scientific lectures by experts and Scientists on innovative and new methods of learning Physics and Electronics, Botany, Microbiology and Biotechnology and Chemistry. In addition, the

Library, Science College organizes Lecture Series on the occasion of "Vachan Din". This year, Library has organized "Azadika Amrut MahostavInnovate India" Four Days Online National Lecture Series.

Science Exhibition

This activityis carried out every year on science day occasion to inculcate scientfic temparament.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	https://youtu.be/zro549B69JE
Upload any additional information	[View File](#)

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

The college promotes the participative and decentralized management system in the institute for the effective and efficient functioning. The Principal, Vice-principal, Governing Council, CDC, IQAC, Heads of the department, Teaching Staff, Conveners and O.S., non-teaching staff and students involve in making the policy and procedures and its implementations. These policies and procedures constitute rules and regulations for admission, discipline in the campus, research, and T-L process, grievances of stakeholders, supportive services, examinations, academic activities, finance and administration. They plan and organize the extension activities for teachers and students. The HODs function to implement all the plans, policies and procedures to fulfill the set goals of the institution. The different committees are constituted by the Principal, Vice Principal, IQAC Coordinator and staff secretary of the college for smooth functioning of college. The convener of the respective committee conducts the meetings and performs various activities according to guidelines provided by the Principal. The administrative set up is robust and competent to fulfill vision and mission of the institution. The college strictly abides of the UGC guidelines for CAS Promotion and selection of teaching faculty. For the appointment, promotion, service rules of non-teaching faculty, the Maharashtra State Government Policies are followed.

File Description	Documents
Paste link for additional information	https://sciencecollegenanded.org/policy/promotion-appointment-policy
Link to Organogram of the institution webpage	https://sciencecollegenanded.org/iqac/aqar
Upload any additional information	No File Uploaded

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Science college, Nanded has compassionate welfare measures and schemes for the teaching and non-teaching staff. It provides ample of opportunities for academic and professional development of the staff. The management ensures the wellness of its employees and enable them to enhance their potential. The college offers financial and health securities for its employees.

Welfare Measures and Schemes of Science College, Nanded:

1. Welfare measure and policies for staff
2. Opportunities provided for career development and progression of staff
3. Medical facilities for staff members
4. Financial assistance to staff members
5. Financial Incentives given to staff members

6. Other facilities like: Canteen facility at affordable rates, Celebration of festivals and National days, College uniform to non-teaching staff, Felicitation on the achievements, RO Drinking water facility

Teaching Staff

- CAS Promotion Policy is followed for levels of Designation – Assistant Professor, Associate Professor, and Professor
- API and PBAS based Promotion from one level to another

Non-Teaching Staff

- All the non-teaching posts are categorized as per the norms in the related grades.
- The selection and promotion of an employee to a particular grade is decided on the basis of his educational qualification and work experience.
- Awareness programmes for Non-Teaching Staff

File Description	Documents
Paste link for additional information	https://sciencecollegenanded.org/policy/staff-welfare-policy
Upload any additional information	View File

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

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

01

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

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

02

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

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

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

11

File Description	Documents
IQAC report summary	[View File]
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Details of teachers attending professional development programmes during the year (Data Template)	[View File]

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

The college follows Performance Appraisal System for teaching and non-teaching staff

- **The college strictly adheres the UGC Regulations on Minimum Qualifications for Appointment of Teachers and Measures for the Maintenance of Standards in Higher Education, together with all amendments made therein from time to time, for its teaching and non-teaching staff.**
- **The performance of each employee has been assessed annually after completion of one year of service it ultimately leads to further progress and growth of the employee.**
- **The prominent features of the performance appraisal system are as follows:**

For Teaching Staff:

1) Promotions are based on Annual Performance Based Appraisal System PBAS proforma for UGC Career Advancement Scheme (CAS) so is based on the API score.

3) The college allots responsibilities of extension activities besides academics to all faculty and counts their contribution.

4) The PBAS proforma filled by the Faculty Member is checked and verified by the HOD , followed by IQAC coordinator and scrutiny committee and the Principal.

5) After verification Faculty members are recommended based on their API score and are required to appear before the screening-

cum-selection committee.

6) Non-Teaching Staff are also assessed through annual confidential reports andannual performance appraisal.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

Science College conducts internal and external financial audits regularly. Internal and external audits are done by the Auditor fixed by the college annually. The yearly budget allocation and routine expenditure, minor project, CPE, financial allocation of 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.The audit reports are placed and approved by the College Development Committee (CDC) and the Governing Council. In this scrutiny of the following:

Procedure of Audits:

- **Every financial Year closes on 31st March the Financial Report is prepared and audited by the internal auditor**
- **Annually, theinternal auditor doesthe Internal Audit and prepares the Report up to 31st July.**
- **The external audit is done by the Auditor of Joint Director Office by verifying and scrutinizing the Report.**
- **Then the Senior auditor does the scrutiny of the report and finds out the queries which are immediately resolved.**
- **Accountant General, Nagpur does the external audit for every five years.**

File Description	Documents
Paste link for additional information	<u>Nil</u>
Upload any additional information	<u>View File</u>

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

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

9000/-

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

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

A) The College resource mobilization policy aims at to pinpoint, analyze and expand various resources available to define and structure the policies, programme priorities, research, infrastructure development and maintenance with well-organized allocation of all available resources.

The College mobilizes and secures funding with the following agencies and strategies:Self-financing courses, Funds Mobilized from UGC and Maharashtra Government Grants under development Scheme,

1. The College has well established mechanism for maintaining existing resources.

The college has set of procedures for maintenance of infrastructure and equipment. This is primarily attained through the monitoring of various committees like Purchase Committee, Campus Development Committee, Infrastructure and Development Committee, CDC and IQAC with necessary support systems.

Mechanism of financial management for optional utilization of resources is kept for discussion and for formal approval before CDC, forwarded to GC wherein approval is given.

1.

Building maintenance and infrastructure upgradation

Library and Sport Facilities Maintenance

ICT Maintenance, Research Facilities, etc.

File Description	Documents
Paste link for additional information	https://sciencecollegenanded.org/policy/resource-mobilization-policy
Upload any additional information	**No File Uploaded**

6.5 - Internal Quality Assurance System

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

1) Online Feedback System

Previously the college was collecting offline feedback. But now the IQAC and college feedback committee have developed online feedback pro-forma. It involves all the stakeholders to suggest about the curriculum and quality of teaching, learning and evaluation. The feedback forms are provided online through institutional website. The analyzed data received through feedback is employed for quality enrichment of curriculum, infrastructural facilities, expansion of research facilities which consequence in student progression and quality research.

2.ICT Supportive Teaching Learning

IQAC has promoted and ensured the use of ICT supportive TL Process using Power-Point presentations, Apps like Zoom, Google Meet, Google Classroom, and software like OBS, Microsoft Teams, Microsoft board, Google Co-lab online server for teaching. It motivated faculty of college to use Google applications like

Google Doc, Google Forms, Google drive, Google Suite and E-mails. The mobile apps like Whatsapp and Telegram are suggested to organize online classes and sending links. Teachers are encouraged to create and use YouTube Channel, Website, Blog for online teaching. The teachers have prepared their video materials for teaching and used Audio Visual Tools and equipment like computers, T.V., laptops, camera, microphones, headphones, tablets, scanner, pen drive, printer, digital camera and CDs, etc.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

The robust IQAC of Science college continuously reviews and proceeds for the improvement of the quality of the teaching-learning process. The Academic Calendar is prepared in advance and strictly followed. Admission to various programmes, schedule of internal and university examination and summer, winter and mid-term vacations are notified in the Academic Calendar. In the Orientation Programme, newly admitted students are made aware the teaching learning process, the system of continuous evaluation, compulsory core courses, various co-curricular activities, code of conduct and culture of the Institute. The Feedback from students is also taken of teachers and their respective courses, by the IQAC. Feedback is properly analyzed and shared with the Principal, HODs and individual faculty members. Finally, the TL processes are improved based on the IQAC recommendations.

The major initiatives taken: Smooth conduction of Admission Processes • Online Internal and University Examinations • Organizations various extension activities• Introduction of B.Voc. programmes • Eco-friendly Committee Green initiatives in Campus – tree plantation, Fruit Garden, The Best from Waste Projects, etc • MoUs with prestigious Institutes and Govt. agencies • Application for NIRF and 72 Rank in India, ISO, CPE status,DST-FIST, NAAC funding, and STAR College proposal submitted.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://sciencecollegenanded.org/special-features/
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Science College has noble mission to infuse in students the spirit of enlightened and responsible citizenship. In line with this mission statement, Science College offers equality and equity in opportunities of education and employment. The college has co-education and every year girls admitted in UG and PG outnumber the boys admitted. It reflects that the college is 'safe and secure' place for women students. Our efforts and success in promoting gender equality in our staff and students have been reinforced by a variety of actions and activities outlined below. Gender Equity Co-curricular Activities are conducted by the college. Like 1.

Health Check up of Girl students, 2. Talk on AIDS Awareness: Women's Vulnerability, 3. Celebration of Birth Anniversary of Indira Gandhi: The Spirit of Leadership, 4. Jijamata Jayanti: A Brave Mother of Shivaji Raje, and 5.Savitribai Phule Jayanti: A Guiding Star for Women's Education, 6.Women's Day Celebration: to Glorify Womanhood, 7. Talk on Rajarashi Shahu Maharaj Jayanti: His Contribution for Men and Women's Education, 8. Annabhau Sathe Jayanti: A Talk on his Philosophy of Humanity, 9.Human Rights Day: A Talk on Necessity of Gender Equality for Transformation. Discipline Committee, Full campus CCTV Surveillance, ICC Cell provides security.

File Description	Documents
Annual gender sensitization action plan	https://sciencecollegenanded.org/aqar_criteria/aqar_criteria-7
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://sciencecollegenanded.org/assets/pdf/iqac/gender-equity.pdf

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

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

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

The Eco-friendly Committee implements sustainable practices in the college to make college campus beautiful & make all stakeholder eco-friendly. It manages of Solid waste, Waste, Chemical Waste,

Electronic Waste in the college with the help of Non-teaching staff and students. It has systematic plan for the disposal of following waste. It undertakes the activities like plastic free campus, disposing canteen, hostel, mess food and water waste, disposable bio-hazardous waste, disposal of paper waste, disposal of garden and other waste. On 9th January 2021UGC-CPE Sponsored One-Day International Workshop On E-Waste: Awareness and its Management are organized by Eco-Friendly Committee. The waste on campus is isolated and treated at the source and directed appropriately. The college has location for collection and disposable center for paper waste and E-waste. Garden and other waste are composted in the form of manure compost by the committee. It tries to implementing measures to "Zero discharge Campus". It organizes "The Best from Waste State Level Competitions" for the students. Celebration of Eco-friendly Diwali and Holiis promoted by the committee every year. The committee conducts every year Save Snakes Save Environment Program and participates Clean Godavari River Project.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	View File

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

A. Any 4 or All of the above

1. **Restricted entry of automobiles**

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

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	No File Uploaded

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

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

A. Any 4 or all of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	No File Uploaded
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

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

A. Any 4 or all of the above

Human assistance, reader, scribe, soft copies of reading material, screen   reading

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

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

The institution has defined the Mission statement with a view to infusing in the students and stakeholders the spirit of enlightened and responsible citizenship, worthy of secular, democratic state. So the college administration offers environment that provides tolerance and harmony towards cultural, regional, linguistics, communal socio-economic, and other diversities. The college has an unbiased approach to give education to anyone who desires to take it. In the college stakeholders of various culture openly express themselves and their thoughts and points of view completely engage in teaching, learning job and social activities. Everyone in the college feel protected from abuse, harassment, and unjust criticism in an inclusive environment. The college promotes safe, secure environment to ensure everyone so that he or she participates as a functionary in the education goals set by the college. Several activities of the college reflect this attitude. The college does unbiased appointments and nominations to any post. The college conducts of programmes on secularism, financial assistance to the students on a common parameter that is economically disadvantaged through the earn and learn scheme. The college allows to celebrate the religious festivals and cultural activities.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	**No File Uploaded**
Any other relevant information	View File

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

The institution has been established by great freedom fighter and the visionary Swami Ramanand Teerth. So the college has been preserving the rich heritage of the country's composite culture and conducts various activities for inculcating the constitutional obligations viz. values, rights, duties and responsibilities of citizens. The constitution of India includes moral duties and civic duties and to fulfill moral duties the institution cherishes noble principles of freedom struggle by celebrating birth Anniversaries of great freedom fighters. The civic duties are performed by the college by showing respect towards the Indian Constitution, National Flag, and National Anthem. Through the various activities and prorammes conducted by NSS and NCC the college promote nationalism, unity and integrity in India and render national service when called upon to do so. The college promote harmony and the spirit of common brotherhood amongst all the people of India transcending religious, linguistic, and regional or sectional diversities and renounce practices derogatory to the dignity of women.The college well-known for its green and clean campus and protects and develops the natural environment including woods, fruit gardens, floral gardens, medicinal and botanical garden. The college is compassion for birds and living other creatures like butterflies, fishes and tortoise,etc.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://sciencecollegenanded.org/naac/criteria-7
Any other relevant information	Nil

7.1.10 - The Institution has a prescribed code **A. All of the above**

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

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

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

The college celebrates institutional, national and international commemorative days, events and festivals. The college promotes eco-friendly Holi and Diwali. It also celebrates new year with students giving message for Anti Addiction (drink Milk and say no to Wine). Days celebrated and commemorated in the institution:

- **1 May: Maharashtra Din and Shramik Din**
- **21 June: International Yoga Day**
- **25 June: Rajarashi Shahu Maharaj Jayanti**
- **26 June: Tree plantation on the occasion of 70thAnniversary of N.E.S., Nanded.**
- **1 July: Shri. Vasantrao Naik Jayanti**
- **1 August: Lokmanya Tilak Jayanti**
- **16 September: International Ozone Day**
- **17 September: Hyderabad Mukti-Sangram**
- **30 September: Hindi Day**
- **3 October: Swami Ramanand Teerth Jayanti (Blood Donation Camp)**
- **14 November: Pandit Jawaharlal Jayanti**

- 26 November: Indian Constitution Day
- 3 January: Savitri bai Phule Jayanti
- 11 January: Lalbahadur Shastri Punytithi
- 12 January: National Youth Day (Swami Vivekanand Jayanti)
- 22 January: Swami Ramanand Teerth Punyatithi
- 26 January: Republic Day Celebration
- 19 February: Shiv Jayanti
- 23 February: Gadgebaba Jayanti
- 27 February: Marathi Din
- 12 March: Yeshwantrao Chavan Jayanti
- 11 April: Mahatma Phule Jayanti
- 14 April: Ambedkar Jayanti

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Best from Waste

1.Objectives of the practice:

- To create attractive environmental friendly items out of waste material.
- To produce and sell bio-fertilizer and vermin compost.

2.The Context: Eco Friendly Committee organizes workshops,campus cleanliness initiatives,environmental awareness campaigns,Best from Waste competition and creates manure and vermin-compost.

3.The practice:Use of pit and bed approach for Vermin-composting.

4. Evidence of success:

Students get practice to prepare ornamental articles from waste materials and manufacture Vermin-compost.

5. Problems encountered and resources required:

Problems of Ants,Snakes,termites, etc. controlled by regular monitoring,fencing and application of anti termites.

Swami Ramanand Teerth Debate Competition

1.Goal

The Debate competition is a regular practice over last 51 years of our institution based on vision and mission of Swami Ramanand Teerth,a founder of this institution aiming to develop and evolve the students' personality.

2.The Context

The debate competition nurtures the speech communication,critical thinking on diverse issues of society.

3.The Practice

- The college organizes state level debate competition regularly with defined rules and regulations on 22nd January,the death anniversary of Swami Ramanand Teerth.

4.Evidence of Success

This competition on current burning issues helped for personality development of students.

5.Problems Encountered and Resources Required

1.Less participation from students of rural areas.

File Description	Documents
Best practices in the Institutional website	https://sciencecollegenanded.org/iqac/aqar
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

PROMOTION OF RESEARCH ACTIVITY:

Objectives

- To improve TL process by exploring new research frontiers in basic,applied sciences and interdisciplinary areas.

1. 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.

1. The Practice

The research guides have guided numerous research scholars.Students' research-related projects offer cutting-edge tools for conducting multidisciplinary study.The institute sanctions study leave for Ph.D. work, provides financial help and necessary leave for presenting papers.The faculty have applied for research projects and patents.The institute hosts workshops,seminars,conferences,symposia,etc.

Researchers access-

1.Laboratory facilities: central instrumentation lab,departmental research lab,instruments-FTIR,HPTLC, Chemicals,equipments,glass wares.

2.Software: MATLAB,MAPPLE,Mathematica,SURFER, Mineralogy and Crystallography, IGPET,etc.

3.Library Facilities: databases,e-books,and e-journals through the institute library's internet connection.

3.Evidence of Success (Last five years)

1.Recognized research centre in
Physics,Chemistry,Botany,Zoology,Mathematics.

2.Major/Minor Research Projects completed and ongoing: 18

3.Ph.D. holders/Ongoing: 212 completed, 109 ongoing

4.Recognized research guides: 39

5.Research papers National/International(h-index,i 10
index,SCOPOUS etc.: 334

6.Students attended Indian Science Congress:400

7.Seismic observatory data is shared by Govt. of Maharashtra,LIGO
India Project (GOI).

8.Research facility to outside students

  1. Problems Encountered and Resources Required
  2. Insufficient financial assistance from the Government of
      India for research.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

The Academic Calendar is prepared by the college in line with the prescribed curriculum and academic calendar of S.R.T.M.University, Nanded. The college has defined CO, PO and PSO as per university curriculum. All the department heads distributed the syllabus among the respective specialized teachers. The teachers prepared semester-wise teaching plans in accordance with the syllabus prescribed and timetable of the college to complete the syllabus on time. Various software and apps are used by teachers. The college library has provided access to INFLIBNET. E-books, national and international e-journals and other e-resources. Due to COVID-19, Online internal tests are conducted. The results of these tests helped to identify slow and advanced learners. Online Remedial classes are conducted by the teachers for slow learners; the academic and career prospects of the advanced learners are enhanced with the help of special coaching which has been reflected in the results of the university denoting university rank holders from various departments. The departments have organized seminars, guest lectures, workshops, training programs and conferences, etc. The Departments have developed lab Manuals Students have submitted their online assignments, projects, dissertations and PPTs. Feedback from the students is recorded to review the attainment of CO, PO and PSO.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://sciencecollegenanded.org/admission-procedure/academic-calender

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

The college provides Academic Diary. This diary includes the academic calendar planned in accordance with the academic calendar of the affiliated university. The Academic Diary

includes detailed dates declared by the affiliated university for the beginning of the term, the end of the term, the list of the holidays and probable dates of the examinations in advance. The calendar prepared by the college has included the dates of internal examination, various events, activities, and tasks to be done. In additions, curricular and extra-curricular activities are also planned and conducted by the faculty. Every faculty then follows the comprehensive calendar to make his own teaching plan. The teacher has mentioned his daily teaching report in the dairy regularly monitored by Vice-Principal and Principal. The college committees are also mentioned in this diary. IQAC has kept constant follow-up of activities, events and the schedule of the internal evaluation. The continuous assessment of the students is done by the departments by providing them with online assignments, holding unit tests, seminars, projects, dissertations, etc. With this continuous assessment, students are evaluated and guided for further career progression.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://sciencecollegenanded.org/admission-procedure/academic-calender

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

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

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

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

13

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	**No File Uploaded**
Institutional data in prescribed format (Data Template)	View File

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

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

2

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

85

File Description	Documents
Any additional information	[View File](#)
Details of the students enrolled in Subjects related to certificate/Add-on programs	[View File](#)

1.3 - Curriculum Enrichment

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

the Institute has formed committees to integrate the Cross-Cutting issues in the curriculum.

Health and Hygiene, Food Nutrition, Food Adulteration, Environmental Awareness, Poverty Reduction, Secularism, Corporate Social Responsibility, Gender Balance, Changing Human Values, Women Empowerment, Agriculture and Soil Improvement.

1. Health Committee: Organized Health and Hygiene Programmes, free Health Checkup Camps, Blood Donation Camps, In Covid 19-Mask Distribution and Provided Sanitazatiion Facilities.

2. The Eco-friendly Committee:Conducted: Tree Plantation, "The One Day International Workshop on "E-Waste: Its Awareness and Management."Save Snake Save Human Life", Anti Addiction Programme, Save Water Save Earth programme, Best from Waste State Level Competition.

3. Library, Science College: conducted 'Vachan- Prerana Din' from 17/10/2020 to 20/10/2020 on Value Education, Four Days Lecture Series.

4. The NSS Committee: conducted Annual Camps, Awareness Programmes during Covid 19, Programme for the "Preservation of Environment, Natural Resources, and Clean India Campaign."

5. Women's Grievances Committee and Girls Activities Committee: Women Empowerment Activities, Gender Sensitization Activities, Women Health Programmes.

6.Earn and Learn Committee: Economically weaker students are supported with financial assistance.

In the prescribed syllabus by the affiliated university of

-Chemistry, Botany, Zoology, Physics, Biotechnology, Microbiology, Geology, Compulsory English and Second Languages cross-cutting issues are integrated.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View File

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

16

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

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

325

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

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

File Description	Documents
URL for stakeholder feedback report	https://sciencecollegenanded.org/iqac/reports
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View File
Any additional information	**No File Uploaded**

1.4.2 - Feedback process of the Institution may be classified as follows	**A. Feedback collected, analyzed and action taken and feedback available on website**

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://sciencecollegenanded.org/iqac/reports

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

1709

File Description	Documents
Any additional information	**No File Uploaded**
Institutional data in prescribed format	[View File](#)

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

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

724

File Description	Documents
Any additional information	**No File Uploaded**
Number of seats filled against seats reserved (Data Template)	[View File](#)

2.2 - Catering to Student Diversity

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

The departments have prepared excel sheets denoting the marks of core subjects at the entry levels that is at B.Sc. I and M.Sc. I year. The departments have defined the categories of high, medium and low percentages on the basis of the marks obtained in the previous classes. The class tests are taken initially to classify the students into low, medium and high performers. Then, the internal unit tests are conducted and marks obtained are compared, before that, baseline marks and advanced level marks are determined to know the level of the students. The groups of slow and advanced learners are formed. Each department has conducted remedial classes for slow learners and assignments are provided to them to be solved. For the advanced learners, teachers have provided them with tasks like seminar presentations, projects, paper presentations, conducting workshops, programs, and extra book facilities. According to the students' interests, they are guided in their careers. The presentations and seminars by the students exhibit their capacities to remember, understand, apply, analyze, evaluate and create. The gradual progress of students is experienced through their results, progression and placements.

The Online SET/NET Workshop is conducted for advanced and medium learners.

File Description	Documents
Paste link for additional information	https://sciencecollegenanded.org/iqac/reports
Upload any additional information	View File

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

Number of Students	Number of Teachers
1709	**74**

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

The college has provided CBCS pattern to the students for their learning by using students' centric innovative methods, skills, knowledge and life long learning experiences.The university has integrated Skilled Based syllabus so the students acquire these skills and knowledge by studying. The Skill Enhancement Course (SEC) is integrated in the syllabus by the university which is value based and skill based. This course aims at providing students hands on training and core competencies.Each department has provided ample of scope to learn the students to participate in Power Point Presentations, Seminar, Interactive Methods, Independent Search for ideas and solutions, Flipped Classes, Industrial Visits, use of educational technology to learn and investigate, Learning by Doing, Project based learning, use of e-resources in the library, Computer-aided information retrieved by students, Problem Solving Methods, Lab to Field Learning,dissertations, discussion with experts, etc.The students participate in research activities with minor projects which then useful for them for their Ph. D. research. The college has also practiced some participative learning methodologies like brainstorming, case studies, community survey in NSS Camps. The students of PG departments have been

practicing the method of learning by actual involvement in teaching.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	[Nil](#)

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

The Teachers use ICT-enabled tools for the effective teaching-learning process.The College has a zoom platform for teachers for online teaching. It also has an 'Internet Resource Centre' Facility for staff and students. The teachers use theLibrary for audio, video material and e-resources. Every department in the college has prepared Power Point presentations for online teaching-learning. The teachers have used various Apps like Zoom, Google Meet, Google Classroom,and software like OBS, Microsoft Teams, Microsoft board, and Google Co-lab online server. Google applications like Google Docs, Google Forms, Google Drive, Google Suite and E-mails are frequently used by teachers. Teachers have created YouTube channels, websites, radio talks and Blogs for making online teaching successful. Mobile apps like WhatsApp and Telegram played very important roles in organizing online classes and sending links. The teachers have prepared their video materials for teaching. The departments have maintained a record of topic-related films at their departments. Audio Visual Tools and equipment are used like computers, T.V., laptops, LCD Projectors, Interactive Boards, cameras, microphones, headphones, tablets, scanners, pen drives, printers, and digital cameras. Teachers acquire knowledge from NPTEL, MOOC, and SWAYAM Courses to update their knowledge.

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	[View File](#)

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

2.3.3.1 - Number of mentors

74

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	View File
Circulars pertaining to assigning mentors to mentees	View File
Mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

74

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	View File

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

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

34

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

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

2.4.3.1 - Total experience of full-time teachers

807

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

The college has declared the schedule and the dates of the internal examination in the academic calendar given in the College Academic Diary at the beginning of the academic year. The time table isdisplayed on the college website. The Examination Committee has conducted meeting to decide the time table and duty allotments. The units for examination are intimated in the WhatsApp groups before conducting the Unit Tests.The departments have conducted the unit tests in a smooth and transparent way using the online mode as per the C.B.C.S. pattern of S.R.T.M.U., Nanded. Internal Examinations are conducted with the help of google forms using subjective as well as objective questions. The responses are collected and the analysis of the result is done by the individual teacher. The nature of the question papers has been discussed with the students. The assessment of the answer-books is done and explained to the students.The students are conveyed their areas of improvement. After getting the results teachers explained the expected answers to the students.The multiple tests have

been conducted with the help of various methods like subjective and objective question papers, seminars, viva, presentations, minor projects for the effective learning and internal assessment of the students.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

The teachers have told the students about the components of the evaluation process during the semester at the beginning of the semester as per the C.B.C.S. pattern of S.R.T.M.U., Nanded. The internal examination schedule has been conveyed to the students in advance. The use of ICT for conducting examinations made it easy to evaluate and make the transparent assessment of the result. The result of the students is conveyed to them. For internal assessment of the students their regularity, performance, promptness and viva are also considered. The assignments have been given to improve the subject related skills to the students.The projects of the students are evaluated to check the quality by their guides and Project Review Committee at the departmental level.The college has Grievance Redressal Committee to resolve the complaints of the students regarding the academic and administrative problems.This committee also resolves the problems related to the internal assessment. The complaint box is kept before the principal's office for handling the grievances of the students. This complaint box is regularly opened. The students approaching with the complaints are taken care and their complaints are resolved immediately.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

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

The affiliated University provides syllabus of all programmes in which COs and POs are clearly mentioned. The Institute has communicated the course outcomes and programme outcomes mentioned by the affiliated University to the stakeholders. These POs and COs are stated and displayed on college website.The Course Outcomes and Program outcomes are formed to accomplish the Academic Principles, Social Sensibilities and Moral and Spiritual Values and help for the all round development of the students.Keeping in view of all program outcomes, course outcomes and program specific outcomes students are educated and the whole syllabus is completed. In the orientation program of the college, students are acquainted with all the aims and objectives and expected outcomes of the programmes they have been admitted to. Even the Programme Assessment Plan detailing the different Assessment types are also designed and implemented by the college. Every department has record of COs and POs in files so as to communicate all the stakeholders. The teachers make aware the students about programme and course outcomes while starting each course. The accomplishment ofCOs and POs are observed while mapping attainment of the students.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://sciencecollegenanded.org/program-outcome
Upload COs for all Programmes (exemplars from Glossary)	No File Uploaded

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

Attainment of Programme Outcomes and Course Outcomes are evaluated on the basis of-

1. Continuous Internal Evaluation by conducting unit tests, assignments, seminars and other participative learning methods to evaluate the progress of the students.
2. Continuous internal monitoring of students while doing regular practicals and handling different instruments to evaluate modern tool usage.
3. Project-based work in PG Classes to evaluate the

efficiency to conduct investigations and research in related complex problems and design development solutions.

4. Observing the participation in sports, cultural activities, Workshops, and Conferences to evaluate the students.
5. Teachers observe students actively participating in tree plantation, rainwater harvesting, NSS, NCC,Sports to check students showing social responsibility and environmental awareness.
6. Participation of learners in different competitions and curricular activities like poster presentations, elocution competitions, paper presentations, seminars, and PPT presentations.
7. Student's ability to use ICT techniques to acquire modern tool usage and employability skills.
8. Learners' involvement in seminars, group discussions, internships, field visits and study tours, and industrial visits.
9. Learners' punctuality, regularity, shared responsibilities, participation in classroom activities, co-curricular activities and overall quality of their behavior.
10. Use of question-answer methodology to check communication skills and soft skills for creative and critical thinking of learners.
11. The students' results,progression and placement.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://sciencecollegenanded.org/program-outcome

2.6.3 - Pass percentage of Students during the year

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

633

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

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

https://sciencecollegenanded.org/iqac/sss

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

8.0

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

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

3.1.2.1 - Number of teachers recognized as research guides

39

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

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

01

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	**No File Uploaded**
Supporting document from Funding Agency	View File
Paste link to funding agency website	Nil

3.2 - Innovation Ecosystem

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

The College has created an ecosystem for innovation.It has been promoting policies and practices, making adequate resources available. It encourages active research involvement of teachers and scholars in research by organizing seminars on IPR.The college has made available the required infrastructure in terms of space, place and equipment with adequate technological, office and laboratory support facilities on the campus for undertaking research.The College collaborates with other agencies, institutions, research bodies for sharing research facilities and undertaking collaborative research. The College provides support in terms of financial, academic and human resources required and timely administrative decisions to enable faculty to submit project proposals and approach funding agencies for mobilizing resources for research.The College has incubation centre at its primary level. It has signed MoUs, linkages and collaborations. College library has enough books,

e-books, journals, OPAC system, data basis, reading rooms. It provides setup for knowledge creation.The college organizes book exhibitions and science exhibitions. College has Research Committee, Career Guidance and Placement Cell and Internet Resource Centre. Students are trained, guided and counselled for incubating their ideas by these committees.Students are motivated to attendconferences, workshops, seminars and Science Congress.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

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

02

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	View File

3.3 - Research Publications and Awards

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

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

109

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	View File

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

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

51

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

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

12

File Description	Documents
Any additional information	No File Uploaded
List books and chapters edited volumes/ books published (Data Template)	View File

3.4 - Extension Activities

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

The institution is networked in its neighborhood. The Institute leads so many programs for motivating students to participate

in social activities. The college Eco-Friendly Committee has organized Tree Plantation Programmes, Clean City Proragm, Irradication of Superstition Programme, Blood Donation Camp, Help Camps for Corona Victims, No Addiction Movement (Say NO to Alcohol drink, Tobacco and Drugs), Monetary Help For Maharashtra Flood Victims, etc. The college NSS and NCC units have organized various activities which are contributing to boost the spirit of discipline and patriotism among the students. NSS has focused on inculcating social skills and value based life skills among the students by organizing the on-campus and off-campus activities. Students are motivated through lectures, seminars debates, group discussions on social issues. These activities are helpful to imbibe the soft skills like team building, leadership, communication Skills, confidence building, decision making, conflict resolution, negotiation skills, etc. In some departments guest lectures are planned to make students aware about social issues related to Physical and Psycological Health, Suicide Prevention and Stress Management, etc. Various girl's activities are conducted for their holistic development.

File Description	Documents
Paste link for additional information	https://sciencecollegenanded.org/iqac/reports
Upload any additional information	View File

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

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

1

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	View File
e-copy of the award letters	View File

3.4.3 - Number of extension and outreach programs conducted by the institution through

NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

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

32

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

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

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

1744

File Description	Documents
Report of the event	View File
Any additional information	No File Uploaded
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.5 - Collaboration

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

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

05

File Description	Documents
e-copies of related Document	View File
Any additional information	**No File Uploaded**
Details of Collaborative activities with institutions/industries for research, Faculty	View File

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

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

04

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The college has sufficient classrooms, ICT halls, an updated library, a Wi-Fi facility and various software. Alldepartments have well-equipped laboratories, store rooms and notice boards, and LCD projectors and in some departments interactive boards, inverters and generators are available. The Institute has recognized research centres in Botany, Mathematics, Chemistry, Physics and Zoology. The library has reading rooms, software and ICT facilities, e-journals, e-books and back volumes. The Central Instrumentation Lab, Incubation centre, Language lab. with Orell software, Career Guidance Cell and internet resource centre facilities are provided to the researchers, students of college and of other institutes. The medicinal plant garden,

botanical gardens, greenhouse, Plant Tissue Culture, fish tank, vermicompost, and biogas unit are available. The Departments of Chemistry, Botany, Physics and Electronics, Zoology, Computer Science and Mathematics have PG Departmental Libraries, Departmentof Physics has Hobby Workshop. The fishery department has fish aquarium. The Department of Mathematics has software like Mathematica and Mapple. Department of Computer Science has labs with updated software. The department of Botany, Zoology and Geology have well-maintained museums. The Geology department runs seismic centre. The chemistry department has preparation and balance room. The renovation and upgradation of laboratories and library have been done regularly.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[Nil](#)

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

The college has adequate sports, Games Gym, Yoga and Cultural facilities.

- Multipurpose Sport Indoor Hall (120/80sq.ft)- 01
- Running Track (400 meter)- 01
- Volleyball Ground (9 × 18 mts)- 01
- Cricket Net Practice Facilities (10×30 ft.)- 02
- Kabadi Ground (25/20 mts)- 01
- Gymnastic Facilities Available (20×30 sq.ft.)
- Football Ground (90×45 mts) – 01
- Lawn Tenis Court Facilities (24×10 sq.m.) – 01
- Cricket Ground Facilities (70×45mts) – 01
- Weight Lifting & Power Lifting Facilities – 01

- Games:

Badminton, Table Tennis, Cricket, Athletics, Volley Ball, Archery, Kabaddi, etc.

- Gymnasium equipment:

Double Bar, Single Bar, Multi-station GYM, Treadmill, Cycle,

Thera band, GYM Ball, Medicine Ball, Yoga Mat, etc.

- Cultural Activity:

Auditorium, Amphitheatre, Seminar Hall (CCS), video and photography system, musical instruments, sound systems and required facilities for dance and drama are available.

Students are winners of various state and national level cultural and sports competitions. CCTV Surveillance of full campus is available.

- Utilization for Commercial purpose by organizing:

Exhibitions, festivals, matches, NCC Weekly parades, NSS Programs.

Special Summer Coaching Camp for College and School Students from Nanded District.

- Yoga:

Yoga facility is available under the supervision of Yoga teacher on campus.

International Yoga Day and Meditation camp are organized regularly.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

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

25

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.sciencecollegenanded.org/
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

2.8

File Description	Documents
Upload any additional information	**No File Uploaded**
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template	View File

4.2 - Library as a Learning Resource

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

The college library is enriched with books, reference books, magazines, e-books, etc. To manage the library successfully, the institute has Integrated Library Management System. The library has 2 reading rooms. It is automated since 2003. The college library has updated ILMS software of SOUL (Software for University Libraries) 3.0 version which is being used for report generation ability, accession, bar-coding, stack distribution facility, other inbuilt features. It is fully automated. The library has E-Journals, DELNET, N-List (INFLIBNET) e-shodganga, e-shodsindhu, E-Books, Data base in DELNET, N-List (INFLIBNET). This software helps in book transaction process to keep the record of the issue; return, renewal, reserve, Issue (on premises), return (on premises), lost, missing, damage, withdrawal, reminder of the book. It

also denotes the total users of the library. The remote Access to E-resources is available. Library Portal is in process. The library also has the content management system for e-learning. It has one computer which is accessible to students to check the availability of the resources in the library. The internet facility is available in the library and the bandwidth or speed of internet is 50MBPS.The library has institutional e-repository.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	Nil

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

A. Any 4 or more of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

2.2

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

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

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

15

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

1. The College has competent IT facilities. Well equipped Resource Center with sixteenlatest configured computers is established.
2. A Language Lab with interactiveboard, Projector and Orell Software are available.
3. UG and PG Class rooms and Laboratories are facilitated with LCD, Projector and Desktop set to demonstrate the PPTs, Video lectures and other digital material.
4. College Campus is facilitated with five different Broadband connections through Optic Fiber with 100 Mbps Internet Speed, departments are connected to the internet connection.
5. Wireless Internet facility (Wi-Fi) is also provided through this internet connection. Staff member and students can access the Internet through their Laptops, Mobiles and Tablets in the college campus.
6. Entire College campus is monitored through CCTV cameras.
7. College also has Bulk SMS facility to send urgent messages to the students.
8. College has well equipped Computer department with three different Computer laboratories.
9. These laboratories are utilized by UG and PG students for their Projects and Practical Work. Different Online examinations are also conducted in these laboratories with C, c++, java, MATLAB, LINUX Windows 10 operating systems, Dot net, Visual Basic Software
10. Mathematics Department has Mathematics Lab with Math CAD and MATHLAB Software.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers

197

File Description	Documents
Upload any additional information	View File
List of Computers	View File

4.3.3 - Bandwidth of internet connection in the Institution	A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

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

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

8.7

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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

The Infrastructure Maintenance Committee and Purchase Committee look after the maintenance and utilization of physical, academic and support facilities. The committee takes care of allmaintenance regarding laboratory, library, canteen, classroom, NCC, NSS office and campus garden, etc. All departments prepare the list of nonworking instruments /equipment and repair by outside technicians as per the requirements and it is monitored by the committees. While preparing the budget HODs take into account the departmental requirements like instruments, equipments, glassware, chemicals, books, journals, computers, renovation of labs, departmental library, etc. Light bills, telephone bills, security guard salaries, office expenses, travel allowances, and CCTV surveillance expenses are maintained from the college budget. Every department maintains a stock register and verification is done at the end of the year. The funds received from DST-FIST and CPE are utilized to purchase new instruments for upgradation of labs, renovation of classrooms, ICT halls, up-gradation of library, etc. Maintenance of the Canteen, NCC, NSS office, sports office, running track, and indoor hall is done by college budget. NSS receives some funds from S.R.T.M. University, Nanded for different extracurricular activities and NSS camps. Department of Computer Science faculties takecare of maintenance of computers, Wi-Fi, hardware, software, etc.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	[Nil](#)

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

879

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	*View File*
Upload any additional information	*View File*
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	*View File*

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

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

2

File Description	Documents
Upload any additional information	*View File*
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	*View File*

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

File Description	Documents
Link to Institutional website	*Nil*
Any additional information	*View File*
Details of capability building and skills enhancement initiatives (Data Template)	*View File*

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

831

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

831

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	No File Uploaded
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

41

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	**No File Uploaded**
Details of student placement during the year (Data Template)	View File

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

5.2.2.1 - Number of outgoing student progression to higher education

98

File Description	Documents
Upload supporting data for student/alumni	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of student progression to higher education	View File

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

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

45

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

5.3 - Student Participation and Activities

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

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

8

File Description	Documents
e-copies of award letters and certificates	[View File](#)
Any additional information	[View File](#)
Number of awards/medals for outstanding performance in sports/cultural activities at uni versity/state/national/internatio nal level (During the year) (Data Template)	[View File](#)

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

Due to Covid-19, the elections of Student Council were not held during the year 2020-21 as per the directions of Maharashtra Government. The student council of our institute is constituted on the merit basis and representatives from NCC, sports, NSS, cultural activities. They help to the college administration to maintain discipline and decorum on the campus. The Student Council mainly involves 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,19) Celebration of birth anniversaries of National leaders, 20) Science day, 21)Debate Competition, 22)Tree plantation, 23)Paper and poster presentation, 24)Project Competition,

25)organization of Blood Donation Camp, 26) celebration of Independent day, Republic day, etc.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

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

8

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

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

Science College has functional Alumina Association Since 2004 and it has been registered with the Assistant Charity Commissioner office, Nanded Division Nanded since 4th August 2021. The association is also registered as Society with Assistant Register of the Society, Nanded Division, Nanded.

Aims and Objectives: To keep our Alumni linked to our college and support future students.

The Alumni Association has conducted the following activities.

1. 01/01/2020: Hon. Hemant Patil, Member of

> parliament-Hingoli, who is an alumina of Science College, Nanded, planted 25 Mango Trees.
> 2. 26/01/2020: Magazine-"The ESSENCE OF SCIENCE" was released by Hon. Dr. Vyanktesh Kabde, President, Nanded Education Society, Nanded.
> 3. 27/10/2021: Organized One Day National Seminar on "Alumni Association: Role, Responsibilities & Expectations".
> 4. 30/10/2021: Alumni Reunion-21- Hon. Hemant Patil, (MP), Hingoli felicitated, Rank holders of the University, even the alma-mater who has qualified for Ph.D. and other competitive exams such as NET/SET.
> 5. 06/11/2021 all senior alma-maters of the Alumni association have planned to make efforts to raise funds and conduct various co-curricular activities as well as an interactive session between faculty and non-teaching faculty where ideas were exchanged for the alumni association's future development.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

E. <1Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

The vision and mission statements of the college are communicated to all the stakeholders through the Academic Diary of the teachers and are displayed on the boards at various important places in the college as in the principal's cabin, IQAC office, website, prospectus and all the departments. The teaching and non-teaching staff are taking active part in

decision making bodies such as GC, CDC, IQAC, statutory and other committees of the college. Science College has following perspectives.

1. To introduce new restructured and vocational courses to keep pace with evolving standards of professional competence.
2. To impart in depth knowledge and expertise through innovative methods of teaching and learning so as to create a pool of resourceful, self motivated scientific manpower.
3. To prioritize good governance and high ethical standards at institutional level.
4. To nurture the research activities for the academic nourishment, updating and fostering of scholastic temperaments.
5. To organize extension activities for community development focusing on civic responsibilities, social awareness and value based education.
6. To provide a forum to promote the broader interaction among scientific, social, cultural community by organizing exhibitions, workshops, seminars, symposium, conferences and other relevant deliberations.
7. To impart quality education to downtrodden people in the society.

File Description	Documents
Paste link for additional information	https://sciencecollegenanded.org/mission
Upload any additional information	View File

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

The Nanded Education Society governing council appoints the Principal and Vice-Principal for smooth and efficient college administration to decentralize the administration. To facilitate the administration and for smooth functioning of the academic activities Institution has formed different committees under the guidance of Principal and IQAC Coordinator. Principal of the college looks after the financial matters, institutional policies and strategies as well as development and research in

various departments. He also deals with all the stakeholders with various issues. Principal briefs the policies of the institute in the staff meeting and also guide students in the orientation programme at the beginning of the academic year.

1. Faculty Level Management: All the faculty members of the college are given responsibilities of different committees. The conveners conduct academic curricular and extra-curricular activities in the college which results in transparency and enrichment.
2. Students Level Management: The convener of the committee selects the students in consultation with class representativeon different committees according to their abilityfor smooth functioning of work assigned to the committee.
3. Non-teaching Staff Level 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.

File Description	Documents
Paste link for additional information	https://sciencecollegenanded.org/policy/policy-effective-leadership
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The college has significant perspective plan - Adding new courses, Applying for research projects, Updating Labs, organizing curricular, co-curricular and extra-curricular activities.

Science College Lecture Series

The College has been organizing lecture series in line with the strategic plan of the institution to impart in-depth knowledge and expertise for the academic development of the students so as to create a pool of resourceful, self-motivated scientific manpower.

The Department of Physics and Electronics has been organizing "Late Dr. K. Ram Mohan Rao Lecture Series in Physics and

Electronics"from last 17 years, Department of Botany,
Microbiology and Biotechnology organizes "Dr. K. S. Deshpande
Memorial Lecture Series" from 2008 and Department of Chemistry,
Analytical Chemistry & Agro Chem.& Fertilizers organizes "Dr.
D. S. Deshpande Lecture series"from 2003. These lecture series
cover different scientific lectures by experts and Scientists
on innovative and new methods of learning Physics and
Electronics, Botany, Microbiology and Biotechnology and
Chemistry. In addition, the Library, Science College organizes
Lecture Series on the occasion of "Vachan Din". This year,
Library has organized "Azadika Amrut MahostavInnovate India"
Four Days Online National Lecture Series.

Science Exhibition

This activityis carried out every year on science day occasion
to inculcate scientfic temparament.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	https://youtu.be/zro549B69JE
Upload any additional information	[View File](#)

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

The college promotes the participative and decentralized
management system in the institute for the effective and
efficient functioning. The Principal, Vice-principal, Governing
Council, CDC, IQAC, Heads of the department, Teaching Staff,
Conveners and O.S., non-teaching staff and students involve in
making the policy and procedures and its implementations. These
policies and procedures constitute rules and regulations for
admission, discipline in the campus, research, and T-L process,
grievances of stakeholders, supportive services, examinations,
academic activities, finance and administration. They plan and
organize the extension activities for teachers and students.
The HODs function to implement all the plans, policies and
procedures to fulfill the set goals of the institution. The
different committees are constituted by the Principal, Vice
Principal, IQAC Coordinator and staff secretary of the college
for smooth functioning of college. The convener of the

respective committee conducts the meetings and performs various activities according to guidelines provided by the Principal. The administrative set up is robust and competent to fulfill vision and mission of the institution. The college strictly abides of the UGC guidelines for CAS Promotion and selection of teaching faculty. For the appointment, promotion, service rules of non-teaching faculty, the Maharashtra State Government Policies are followed.

File Description	Documents
Paste link for additional information	https://sciencecollegenanded.org/policy/promotion-appointment-policy
Link to Organogram of the institution webpage	https://sciencecollegenanded.org/iqac/aqar
Upload any additional information	**No File Uploaded**

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

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user inter faces	View File
Any additional information	**No File Uploaded**
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Science college, Nanded has compassionate welfare measures and schemes for the teaching and non-teaching staff. It provides

ample of opportunities for academic and professional development of the staff. The management ensures the wellness of its employees and enable them to enhance their potential. The college offers financial and health securities for its employees.

Welfare Measures and Schemes of Science College, Nanded:

1. Welfare measure and policies for staff
2. Opportunities provided for career development and progression of staff
3. Medical facilities for staff members
4. Financial assistance to staff members
5. Financial Incentives given to staff members
6. Other facilities like: Canteen facility at affordable rates, Celebration of festivals and National days, College uniform to non-teaching staff, Felicitation on the achievements, RO Drinking water facility

Teaching Staff

- CAS Promotion Policy is followed for levels of Designation – Assistant Professor, Associate Professor, and Professor
- API and PBAS based Promotion from one level to another

Non-Teaching Staff

- All the non-teaching posts are categorized as per the norms in the related grades.
- The selection and promotion of an employee to a particular grade is decided on the basis of his educational qualification and work experience.
- Awareness programmes for Non-Teaching Staff

File Description	Documents
Paste link for additional information	https://sciencecollegenanded.org/policy/staff-welfare-policy
Upload any additional information	View File

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

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

01

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

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

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

02

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

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

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

11

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

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

The college follows Performance Appraisal System for teaching and non-teaching staff

- **The college strictly adheres the UGC Regulations on Minimum Qualifications for Appointment of Teachers and Measures for the Maintenance of Standards in Higher Education, together with all amendments made therein from time to time, for its teaching and non-teaching staff.**
- **The performance of each employee has been assessed annually after completion of one year of service it ultimately leads to further progress and growth of the employee.**
- **The prominent features of the performance appraisal system are as follows:**

For Teaching Staff:

1) Promotions are based on Annual Performance Based Appraisal System PBAS proforma for UGC Career Advancement Scheme (CAS) so is based on the API score.

3) The college allots responsibilities of extension activities besides academics to all faculty and counts their contribution.

4) The PBAS proforma filled by the Faculty Member is checked and verified by the HOD , followed by IQAC coordinator and scrutiny committee and the Principal.

5) After verification Faculty members are recommended based on their API score and are required to appear before the screening-cum-selection committee.

6) Non-Teaching Staff are also assessed through annual confidential reports andannual performance appraisal.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

Science College conducts internal and external financial audits regularly. Internal and external audits are done by the Auditor fixed by the college annually. The yearly budget allocation and routine expenditure, minor project, CPE, financial allocation of 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.The audit reports are placed and approved by the College Development Committee (CDC) and the Governing Council. In this scrutiny of the following:

Procedure of Audits:

- Every financial Year closes on 31st March the Financial Report is prepared and audited by the internal auditor
- Annually, theinternal auditor doesthe Internal Audit and prepares the Report up to 31st July.
- The external audit is done by the Auditor of Joint Director Office by verifying and scrutinizing the Report.
- Then the Senior auditor does the scrutiny of the report and finds out the queries which are immediately resolved.

- **Accountant General, Nagpur does the external audit for every five years.**

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

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

9000/-

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

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

A) The College resource mobilization policy aims at to pinpoint, analyze and expand various resources available to define and structure the policies, programme priorities, research, infrastructure development and maintenance with well-organized allocation of all available resources.

The College mobilizes and secures funding with the following agencies and strategies:Self-financing courses, Funds Mobilized from UGC and Maharashtra Government Grants under development Scheme,

1. **The College has well established mechanism for maintaining existing resources.**

The college has set of procedures for maintenance of infrastructure and equipment. This is primarily attained through the monitoring of various committees like Purchase Committee, Campus Development Committee, Infrastructure and Development Committee, CDC and IQAC with necessary support systems.

Mechanism of financial management for optional utilization of resources is kept for discussion and for formal approval before CDC, forwarded to GC wherein approval is given.

   1.

Building maintenance and infrastructure upgradation

Library and Sport Facilities Maintenance

ICT Maintenance, Research Facilities, etc.

File Description	Documents
Paste link for additional information	https://sciencecollegenanded.org/policy/resource-mobilization-policy
Upload any additional information	No File Uploaded

6.5 - Internal Quality Assurance System

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

1) Online Feedback System

Previously the college was collecting offline feedback. But now the IQAC and college feedback committee have developed online feedback pro-forma. It involves all the stakeholders to suggest about the curriculum and quality of teaching, learning and evaluation. The feedback forms are provided online through institutional website. The analyzed data received through feedback is employed for quality enrichment of curriculum, infrastructural facilities, expansion of research facilities which consequence in student progression and quality research.

2.ICT Supportive Teaching Learning

IQAC has promoted and ensured the use of ICT supportive TL Process using Power-Point presentations, Apps like Zoom, Google Meet, Google Classroom, and software like OBS, Microsoft Teams, Microsoft board, Google Co-lab online server for teaching. It motivated faculty of college to use Google applications like Google Doc, Google Forms, Google drive, Google Suite and E-mails. The mobile apps like Whatsapp and Telegram are suggested to organize online classes and sending links. Teachers are encouraged to create and use YouTube Channel, Website, Blog for online teaching. The teachers have prepared their video materials for teaching and used Audio Visual Tools and equipment like computers, T.V., laptops, camera, microphones, headphones, tablets, scanner, pen drive, printer, digital camera and CDs, etc.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

The robust IQAC of Science college continuously reviews and proceeds for the improvement of the quality of the teaching-learning process. The Academic Calendar is prepared in advance and strictly followed. Admission to various programmes, schedule of internal and university examination and summer, winter and mid-term vacations are notified in the Academic Calendar. In the Orientation Programme, newly admitted students are made aware the teaching learning process, the system of continuous evaluation, compulsory core courses, various co-curricular activities, code of conduct and culture of the Institute. The Feedback from students is also taken of teachers and their respective courses, by the IQAC. Feedback is properly analyzed and shared with the Principal, HODs and individual faculty members. Finally, the TL processes are improved based on the IQAC recommendations.

The major initiatives taken: Smooth conduction of Admission Processes • Online Internal and University Examinations •

Organizations various extension activities• Introduction of B.Voc. programmes • Eco-friendly Committee Green initiatives in Campus – tree plantation, Fruit Garden, The Best from Waste Projects, etc • MoUs with prestigious Institutes and Govt. agencies • Application for NIRF and 72 Rank in India, ISO, CPE status,DST-FIST, NAAC funding, and STAR College proposal submitted.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

File Description	Documents
Paste web link of Annual reports of Institution	https://sciencecollegenanded.org/special-features/
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	**No File Uploaded**
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Science College has noble mission to infuse in students the spirit of enlightened and responsible citizenship. In line with this mission statement, Science College offers equality and equity in opportunities of education and employment. The college has co-education and every year girls admitted in UG and PG outnumber the boys admitted. It reflects that the college is 'safe and secure' place for women students. Our efforts and success in promoting gender equality in our staff and students have been reinforced by a variety of actions and activities outlined below. Gender Equity Co-curricular Activities are conducted by the college. Like 1. Health Check up of Girl students, 2. Talk on AIDS Awareness: Women's Vulnerability, 3. Celebration of Birth Anniversary of Indira Gandhi: The Spirit of Leadership, 4. Jijamata Jayanti: A Brave Mother of Shivaji Raje, and 5.Savitribai Phule Jayanti: A Guiding Star for Women's Education, 6.Women's Day Celebration: to Glorify Womanhood, 7. Talk on Rajarashi Shahu Maharaj Jayanti: His Contribution for Men and Women's Education, 8. Annabhau Sathe Jayanti: A Talk on his Philosophy of Humanity, 9.Human Rights Day: A Talk on Necessity of Gender Equality for Transformation. Discipline Committee, Full campus CCTV Surveillance, ICC Cell provides security.

File Description	Documents
Annual gender sensitization action plan	https://sciencecollegenanded.org/aqar_criteria/aqar_criteria-7
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://sciencecollegenanded.org/assets/pdf/iqac/gender-equity.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	[View File](#)
Any other relevant information	[View File](#)

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

The Eco-friendly Committee implements sustainable practices in the college to make college campus beautiful & make all stakeholder eco-friendly. It manages of Solid waste, Waste, Chemical Waste, Electronic Waste in the college with the help of Non-teaching staff and students. It has systematic plan for the disposal of following waste. It undertakes the activities like plastic free campus, disposing canteen, hostel, mess food and water waste, disposable bio-hazardous waste, disposal of paper waste, disposal of garden and other waste. On 9th January 2021UGC-CPE Sponsored One-Day International Workshop On E-Waste: Awareness and its Management are organized by Eco-Friendly Committee. The waste on campus is isolated and treated at the source and directed appropriately. The college has location for collection and disposable center for paper waste and E-waste. Garden and other waste are composted in the form of manure compost by the committee. It tries to implementing measures to "Zero discharge Campus". It organizes "The Best from Waste State Level Competitions" for the students. Celebration of Eco-friendly Diwali and Holiis promoted by the committee every year. The committee conducts every year Save Snakes Save Environment Program and participates Clean Godavari River Project.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	[View File](#)
Geo tagged photographs of the facilities	[View File](#)

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste	**A. Any 4 or all of the above**

water recycling Maintenance of water bodies and distribution system in the campus

File Description	Documents
Geo tagged photographs / videos of the facilities	<u>View File</u>
Any other relevant information	**No File Uploaded**

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: 1. **Restricted entry of automobiles** 2. **Use of bicycles/ Battery-powered vehicles** 3. **Pedestrian-friendly pathways** 4. **Ban on use of plastic** 5. **Landscaping**	**A. Any 4 or All of the above**

File Description	Documents
Geo tagged photos / videos of the facilities	<u>View File</u>
Various policy documents / decisions circulated for implementation	<u>View File</u>
Any other relevant documents	**No File Uploaded**

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

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

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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	**No File Uploaded**
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading	**A. Any 4 or all of the above**

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

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

The institution has defined the Mission statement with a view to infusing in the students and stakeholders the spirit of enlightened and responsible citizenship, worthy of secular, democratic state. So the college administration offers

environment that provides tolerance and harmony towards
cultural, regional, linguistics, communal socio-economic, and
other diversities. The college has an unbiased approach to give
education to anyone who desires to take it. In the college
stakeholders of various culture openly express themselves and
their thoughts and points of view completely engage in
teaching, learning job and social activities. Everyone in the
college feel protected from abuse, harassment, and unjust
criticism in an inclusive environment. The college promotes
safe, secure environment to ensure everyone so that he or she
participates as a functionary in the education goals set by the
college. Several activities of the college reflect this
attitude. The college does unbiased appointments and
nominations to any post. The college conducts of programmes on
secularism, financial assistance to the students on a common
parameter that is economically disadvantaged through the earn
and learn scheme. The college allows to celebrate the religious
festivals and cultural activities.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	**No File Uploaded**
Any other relevant information	View File

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

The institution has been established by great freedom fighter
and the visionary Swami Ramanand Teerth. So the college has
been preserving the rich heritage of the country's composite
culture and conducts various activities for inculcating the
constitutional obligations viz. values, rights, duties and
responsibilities of citizens. The constitution of India
includes moral duties and civic duties and to fulfill moral
duties the institution cherishes noble principles of freedom
struggle by celebrating birth Anniversaries of great freedom
fighters. The civic duties are performed by the college by
showing respect towards the Indian Constitution, National Flag,
and National Anthem. Through the various activities and
prorammes conducted by NSS and NCC the college promote
nationalism, unity and integrity in India and render national
service when called upon to do so. The college promote harmony
and the spirit of common brotherhood amongst all the people of

India transcending religious, linguistic, and regional or
sectional diversities and renounce practices derogatory to the
dignity of women.The college well-known for its green and clean
campus and protects and develops the natural environment
including woods, fruit gardens, floral gardens, medicinal and
botanical garden. The college is compassion for birds and
living other creatures like butterflies, fishes and
tortoise,etc.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://sciencecollegenanded.org/naac/criteria-7
Any other relevant information	Nil

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

A. All of the above

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

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

The college celebrates institutional, national and international commemorative days, events and festivals. The college promotes eco-friendly Holi and Diwali. It also celebrates new year with students giving message for Anti Addiction (drink Milk and say no to Wine). Days celebrated and commemorated in the institution:

- 1 May: Maharashtra Din and Shramik Din
- 21 June: International Yoga Day
- 25 June: Rajarashi Shahu Maharaj Jayanti
- 26 June: Tree plantation on the occasion of 70thAnniversary of N.E.S., Nanded.
- 1 July: Shri. Vasantrao Naik Jayanti
- 1 August: Lokmanya Tilak Jayanti
- 16 September: International Ozone Day
- 17 September: Hyderabad Mukti-Sangram
- 30 September: Hindi Day
- 3 October: Swami Ramanand Teerth Jayanti (Blood Donation Camp)
- 14 November: Pandit Jawaharlal Jayanti
- 26 November: Indian Constitution Day
- 3 January: Savitri bai Phule Jayanti
- 11 January: Lalbahadur Shastri Punytithi
- 12 January: National Youth Day (Swami Vivekanand Jayanti)
- 22 January: Swami Ramanand Teerth Punyatithi
- 26 January: Republic Day Celebration
- 19 February: Shiv Jayanti
- 23 February: Gadgebaba Jayanti
- 27 February: Marathi Din
- 12 March: Yeshwantrao Chavan Jayanti
- 11 April: Mahatma Phule Jayanti
- 14 April: Ambedkar Jayanti

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	**No File Uploaded**
Geo tagged photographs of some of the events	View File
Any other relevant information	**No File Uploaded**

7.2 - Best Practices

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

Best from Waste

1.Objectives of the practice:

- To create attractive environmental friendly items out of waste material.
- To produce and sell bio-fertilizer and vermin compost.

2.The Context: Eco Friendly Committee organizes workshops,campus cleanliness initiatives,environmental awareness campaigns,Best from Waste competition and creates manure and vermin-compost.

3.The practice: Use of pit and bed approach for Vermin-composting.

4. Evidence of success:

Students get practice to prepare ornamental articles from waste materials and manufacture Vermin-compost.

5. Problems encountered and resources required:

Problems of Ants,Snakes,termites, etc. controlled by regular monitoring,fencing and application of anti termites.

Swami Ramanand Teerth Debate Competition

1.Goal

The Debate competition is a regular practice over last 51 years of our institution based on vision and mission of Swami Ramanand Teerth,a founder of this institution aiming to develop and evolve the students' personality.

2.The Context

The debate competition nurtures the speech communication,critical thinking on diverse issues of society.

3.The Practice

- The college organizes state level debate competition

regularly with defined rules and regulations on 22nd January,the death anniversary of Swami Ramanand Teerth.

4.Evidence of Success

This competition on current burning issues helped for personality development of students.

5.Problems Encountered and Resources Required

1.Less participation from students of rural areas.

File Description	Documents
Best practices in the Institutional website	https://sciencecollegenanded.org/iqac/aqar
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

PROMOTION OF RESEARCH ACTIVITY:

Objectives

- To improve TL process by exploring new research frontiers in basic,applied sciences and interdisciplinary areas.

1. **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.

1. The Practice

The research guides have guided numerous research scholars.Students' research-related projects offer cutting-edge tools for conducting multidisciplinary study.The institute sanctions study leave for Ph.D. work, provides financial help and necessary leave for presenting papers.The faculty have applied for research projects and patents.The institute hosts workshops,seminars,conferences,symposia,etc.

Researchers access-

1.Laboratory facilities: central instrumentation lab,departmental research lab,instruments-FTIR,HPTLC, Chemicals,equipments,glass wares.

2.Software: MATLAB,MAPPLE,Mathematica,SURFER, Mineralogy and Crystallography, IGPET,etc.

3.Library Facilities: databases,e-books,and e-journals through the institute library's internet connection.

3.Evidence of Success (Last five years)

1.Recognized research centre in Physics,Chemistry,Botany,Zoology,Mathematics.

2.Major/Minor Research Projects completed and ongoing: 18

3.Ph.D. holders/Ongoing: 212 completed, 109 ongoing

4.Recognized research guides: 39

5.Research papers National/International(h-index,i 10 index,SCOPOUS etc.: 334

6.Students attended Indian Science Congress:400

7.Seismic observatory data is shared by Govt. of Maharashtra,LIGO India Project (GOI).

8.Research facility to outside students

1. **Problems Encountered and Resources Required**
2. **Insufficient financial assistance from the Government of India for research.**

File Description	Documents
Appropriate web in the Institutional website	[View File](#)
Any other relevant information	[View File](#)

7.3.2 - Plan of action for the next academic year

1. **To organize National/ International conferences/ seminars/ workshops for students teaching and non-teaching staff.**
2. **To organize Women Empowerment programme**
3. **MoUs, collaborations and linkages with national and international institutions and industries.**
4. **To conduct certificate course for Python programming and awareness programmes for IT sector career opportunities.**
5. **To submit proposals to various funding agencies for strengthening infrastructure.**
6. **To start B.Voc. degree courses and B.Voc. diploma.**
7. **To construct separate library building**
8. **Establishment of Incubation Center**
9. **To organize Skill Oriented programmes for girl students.**
10. **Conducting activities to give scope to the creative skills of students and provide a platform to present their creativity.**
11. **To submit proposal for Financial Assistance to National Commission for Women.**
12. **To organize NAAC sponsored National Seminar.**
13. **DBT proposal STAR college scheme.**
14. **To apply for major/minor research projects to various funding agencies.**