YEARLY STATUS REPORT - 2022-2023

Part A	
Data of the Institution	
1.Name of the Institution	SCIENCE COLLEGE, NANDED
• 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	**scn.iqac2005@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/admissionprocedure/academiccalender	

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. Prita S Borkar	RGSTC Mumbai	RAJIV GANDHI SCIENCE & TECHNOLOGY COMMISSION (Government of Maharashtra)	2020, 2 years	3,00,000/-
Dr. D. M. Jadhav and Dr. V. R. Marathe	RGSTC Mumbai	RAJIV GANDHI SCIENCE & TECHNOLOGY COMMISSION (Government of Maharashtra)	2013, 2 Years	5,00,000/-
Mr. Prashant S Sutkar	SRTMU Nanded	Swami Ramanand Teerth Marathwada University, Nanded	2021, 2 Years	80,000/-

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	15	
• 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	No	

during the year?	
• If yes, mention the amount	

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

1. The IQAC has conducted departmental meetings for preparation of reaccreditation process, syllabus covered, Unit tests to be conducted, Seminars, Study tours to be organized. To make teaching learning process more effective. The IQAC Committee motivated the faculty for submission of research proposal. 2. The IQAC Committee suggested to the department for organization of seminars/conferences/workshops/trainings during the academic year. 3. IQAC Committee suggested for organization of Alumni Meet department to department. 4. The suggestions are also given for publication of quality research papers in UGC care listed journals with high impact factors and publication of books. 5. IQAC suggested to Head of the department to sign MoUs with academic institutes, Industries and NGOs.

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 organize Hands on Training Programme for Teaching Staff	Two days 'National Level Hands on Training' on HPTLC Techniques on 07th and 08th Feb, 2023.
To conduct Practical Oriented Workshops by all the departments	1. 'Workshop on 'Mycorrhizal Biofertilizer for Farmers' on 30th June 2022. 2.'One day Workshop on Shewanti Cultivation and Conservation' on 22.08.2022.
To arrange Faculty Development Programme on NEP and Workshop on ABC	1. 'One Day Faculty Development Programme on 'One Day Faculty Development Programme on
To organize Awareness Programme for Students	1. Cyber Security Awareness Programme was organized on 06/04/2023. 2. Wealth Awareness Programme was organized on D. 28/01/2023 and D. 31/01/2023.
To organize Student Centric Programme for Career Advancement	1. One Day Workshop On "FISH RECIPES development of the Country" on D.2& FISH EXHIBITION" 2022 on D.

	01/12/2022. 2.Speak for India-Debate Competition- 28/01/2023. 3.Brahamibhoot Swami Ramanand Teerth State Level Intercollegiate Debate Competition on topic "Whether the National Education Policy 2020 is complementary to the overall 03/01/2023.
To promote departments to sign MoUs and Linkages with other HEIs, Industries and NGOs	1. Global Sanskrit Forum, Delhi, Flat No. B-5Kh. O. 97/2. Galli no. 8/1, Near Yamuna Bio-Diversity Park, Delhi- 110084. 2.Amravati Garden Club, Amtravati Vivekanand Colony, Amravati. 3.Department of Chemistry, Balbhim Arts, Science and Commerce College, Beed and Department of Agrochemical & Fertilizers, N. E. S. Sciene College, Nanded (Linkage). 4.Abhinav Bharat Shishan Sanstha's Netaji Subhashchandra Bose Arts, Commerce and Science College, Nanded. 5. Warsa: Ethnic Knowledge Heritage Society Anjangaon Surji, Yash Nagar, Anjangaon Surji Dist. Amravati- 444705 (MS), India. 6. Department of Fishery Science, Dnyanopasak Shikshan Mandals, Arts, Commerce and Science College, Jintur Dist. Parbhani (Linkage). 7.Godavari Drugs, MIDC, Nanded. 8.Dayanand Science College, Latur, Dist. Latur-413512. 9.

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

- Name of the statutory body

Name	Date of meeting(s)
College Development Committee	31/05/2022

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2023	14/02/2023

15.Multidisciplinary / interdisciplinary

Our institute is single faculty institute imparting education in science from UG to PG and Ph.D. The institute offering 19 subjects at UG level such as Chemistry, Botany, Zoology, Fishery Science, Physics, Mathematics, Geology, Agro Chemicals and Fertilizers, Analytical Chemistry, Agricultural Microbiology, Computer Science, Microbiology, Biotechnology, Statistics and Electronics, English, Marathi, Hindi, Sanskrit and 12 subjects at PG level Such as Organic Chemistry, Analytical Chemistry, Botany, Zoology, Microbiology, Biotechnology, Herbal Medicine, Physics, Mathematics, Applied mathematics, Statistics, Computer Science. The students can opt any subject of their choice at UG level as interdisciplinary approach. The faculty and research students are encouraged to undertake interdisciplinary/ multidisciplinary research work. The expertise of the faculty utilized to engage classes in other departments. The faculty of Languages engage periods of subject like Biotechnology of science discipline. The institution has recognized research centre in five subjects namely Botany, Mathematics, Zoology, Chemistry and Physics which promotes interdisciplinary research. The Multidisciplinary and Interdisciplinary approach is reflected by conducting the Multidisciplinary Avishkar research festival 2023- The institution has hosted district level Avishkar Research Festival- 2023 organized in collaboration with Swami Ramanand Teerth Marathwada University, Nanded in 6 disciplines. In this festival the participant has to present an innovative research, which has either direct relevance to the society or the findings can be an immediate alternative to the present state of the art. The total entries of student and number of teams participated in this event are 32. The 5 teams of our institute declared as winners. At UG level, the institute offers four languages: Marathi, Hindi, Sanskrit, and English. The various Transdisciplinary programmes conducted by the language department. There is Multidisciplinary research in film studies, medical humanities, management, and social sciences by the faculty of Language department. The MoUs are signed with Language Departments of other colleges to collaborate for conducting various interdisciplinary activities. The institute provides a flexible and

creative curriculum that includes credit-based courses and projects that adhere to the requirements of the connected affiliated university. It intends to include a few courses and initiatives in the fields of volunteerism and community services, environmental education, and value-based education.

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 so we are not allowed to register in ABC portal.

2. College has organized One Day Workshop on "Academic Bank of Credits" Dr. Mahesh Kulkarni, Nodal Officer, National Education Policy, (Academic Bank of Credit), Swami Ramanand Teerth Marathwada University, Nanded guided and motivated students to open accounts for academic bank of credits which is mandatory for students. The Office of Science College has created the ABC accounts while filling examination forms of the students.

3. The Institute is ready to commence and implement new modules of offline and online courses as per the opportunity provided by NEP 2020. Affiliating university allows Credit Transfer for SWAYAM MOOCs.

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

5. 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.

6. Various interdisciplinary workshops, conferences and seminars are organized.

17. Skill development:

1. The Institution has started to strengthen the vocational education and soft skills of students in alignment with students National Skills Qualifications Framework. -

- B. Voc. Degree courses Diploma in Sports Nutrition and Physiotherapy
- B. Voc. Diploma courses in Clinical Science and Medical Lab

Technology

1. The NCC and NSS units has focused on the development of students' personality by organizing skill based programmes like Volunteers of the National Service Scheme presented a skit on the topic 'The need to ban child marriage', Mr. Kartik Jadhav, Assistant Professor in Chemistry, Science College, Nanded organized 'Soil Testing Workshop', 'Health Center' and 'Swachhta Hi Seva' or posters were released by the guests, Dr. Sanjay Mahajan gave special guidance on the topic of 'Health Care Precautions', Dr. Deepak Kesari gave guidance on the topic 'What kind of healthy diet should one take?' Shri Chavan gave guidance on the subject of 'Health and Diet', Dr. Vishal Marathe gave guidance on the topic 'Biodiversity and Environment advancement, Dr. Shivraj Bokde gave guidance on the topic 'Role of youth in urban and rural development', Dr. Balaji Kompalwar gave fundamental guidance on 'de-addiction', Speech by Satish Mizgar on the topic 'Energy Promotion Kalachi Garaj', blood donation and blood test camps were organised, Dr. L. P. Shinde gave guidance on Environmental Balance, Students were given the message of Samvad Sadhla National Service Scheme, Volunteers, Beti Rescue Beti Padhao or a beautiful path-drama on the topic Regards Banana and Molacha. After this, the blood donation campaign leaflets prepared by NSS students were released by the chief guest, the volunteers presented the next path-drama on the best donation or topic of donating blood. Dr. Adinath Ingole provided guidance on superstition and scientific miracles, Program Chairperson Honorable Mrs. Shamaltai Patki delivered the presidential address by providing guidance towards empowerment of women.
2. The programmes are like 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 Workshop on "Preparation of NET/SET Examinations in Mathematics", organized by Department of Mathematics and Applied Mathematics, N.E.S. Science College Nanded, One-day workshop on "Preparation of Competitive Examination (MPSC/UPSC)", One Day Seminar on Importance of Competitive Examinations under 'Career Katta', Organized workshop on "Zinga to Zingalala" for Entrepreneurship Development, Career Guidance Programme for Women on the Occasion of "Women's Day" and Two Days Workshop on Wealth Awareness Programme.
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 Exhibition" to make aware about the professional skills.
- Fish Exhibition, Tissue 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 signed international MoU with Global Sanskrit Forum, Delhi, Flat No. B-5Kh. O. 97/2. Galli no. 8/1, Near Yamuna Bio- Diversity Park, Delhi- 110084. Such MoUs are

helping to attend the integration of the Indian Knowledge System teaching in Indian language, culture, etc. in the form of curriculum using both online and offline courses for example 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.

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

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

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

5. 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.

6. 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.

7. This year management has organized "Palaspan-2022" in that various cultural programmes were held which promotes Indian arts, music and dance. This year students have participated in Youth Festival organized by Swami Ramanand Teerth Marathwada University, Nanded.

8. 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.
- English Department organized Speak for India Programme –

- Maharashtra Edition, a state level intercollegiate debate competition, Humanities, Languages.
- The college has jointly organized with Swami Ramanand Teerth Marathawada University, Nanded and Science College, Nanded District-AVISHKAR-2023 in that students participated for Fine Arts section.
- Debate and Literary Association Committee has organized Brahamibhoot Swami Ramanand Teerth State Level Intercollegiate Debate Competition
- Hindi department has organized Hindi Day Programme and One Day Workshop on "Ethical Values", Guest Lecture on Employment Opportunities through Hindi Literature and Language Learning, Essay Writing and Poetry Writing Competition, etc.

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

A curriculum of affiliated University is followed by the Institution which has defined outcomes to provide knowledge and skills. All the departments of college envisaged following set of the generalized and specific goals for the institution to fulfill the need of outcome based education.

- 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

One Day Guest Lecture on topic "Reactions of Metal Complexes" and "Pcricyclic Reactions"

1. Department of Botany, Micro biology & Biotechnology

- 'One day Workshop on Shewanti Cultivation and Conservation'
- 'National workshop on "Medicinal Plants: Authentication, Cultivation & Future prospects'

1. Department of Zoology and Fishery Science

- Departmental Website, Fishery Digital Lab, Fish Tank, Zoology Labs, National Workshops for effective teaching-learning process
- One Day Workshop On "FISH RECIPES & FISH EXHIBITION"

1. **Department of Physics and Electronics**

   - Guest Lecture on "Physics Opportunities"

1. **Department of Mathematics**

   - One week National Workshop on "Preparation of NET/SET Examinations in Mathematics".
   - "National Conference on Recent Trends in Pure and Applied Mathematics".
   - MATLAB practicals, MATHCAD Software

1. **Department of Statistics and Computer Science**

   - Two Days Workshop on "Personality Development Programme and Life Skills Orientation Programme"
   - Certificate Courses.

1. **Department of Geology**

   - Educational Informative Study Tour

   - Seismic Observatory

1. **Department of Sports**

   - National level sports facilities are available on campus.

1. **Department of English**

   - Speak for India Programme – Maharashtra Edition, a state level intercollegiate debate competition, Humanities, Languages.
   - Language laboratory with Orell Software for communication skills development.

20.Distance education/online education:

To support and provide advanced learning and acquaintance in Science and Technology, Nanded Education Society's Science College, Nanded has been encouraging SWAYAM (Study Webs of Active Learning for Young Aspiring Minds) – Ministry of Human Resource Development, Government of India initiative – Massive Open Online courses (MOOCs) – SWAYAM/NPTEL. The National Programme on Technology Enhanced Learning (NPTEL) is a project initiated and handled by seven Indian Institutes of Technology (IIT-Bombay, Delhi, Kanpur, Kharagpur, Madras, Roorkee, and Guwahati) and Indian Institute of Science,

Bangalore. It is a project funded by MHRD, Government of India, to develop and promote multimedia and web technology based learning open for all. Currently, more than 1200 courses are available on the web portal http://nptel.ac.in for viewing and downloading. NPTEL has also initiated open online courses with certification where courses in different domains are regularly launched. Interested students can enroll in the courses at http://onlinecourses.nptel.ac.in. At the end of the course a certification exam (optional) is held on specific dates at specific centers. A certificate from IIT is awarded to those who register and appear for the examination. These exams have nominal fees with a facility of scholarship and partial fee waiver for SC/ST candidates. We are glad to announce that our college is an approved NPTEL local chapter from year 2019 (http://nptel.ac.in/LocalChapter/list_of_colleges.php). This facilitates our students and faculty to use NPTEL content better. Each department has an NPTEL coordinator. SRTM University has already started credit transfer to the students of UG/PG for the courses opted in NPTEL/SWAYAM. NPTEL Coordinator: Dr. Prita Borkar All the faculty and students are invited to be part of this and take benefits.

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	688

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

2.Student

2.1 Number of students during the year	1754

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	1757

File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	**558**

File Description	Documents
Data Template	View File

3.Academic

3.1 Number of full time teachers during the year	**66**

File Description	Documents
Data Template	View File

3.2 Number of sanctioned posts during the year	**66**

File Description	Documents
Data Template	View File

4.Institution

4.1 Total number of Classrooms and Seminar halls	**19**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**74.99**
4.3 Total number of computers on campus for academic purposes	**217**

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 institute ensures effective curriculum delivery by preparing the academic calendar as per the prescribed syllabus and academic calendar of S.R.T.M. University, Nanded. Each head of the department has allotted the syllabus to the qualified staff. The POs, PSOs, and COs are defined. According to the syllabus and the college schedule, the teachers charted semester-by-semester lesson plans and curricular and co-curricular activities. There are additional classes on the weekends and on holidays. Curricular and co-curricular activities like Assignments, Projects, Guest Lectures, Seminars, Workshops, Conferences, Field Tours, Industry Visits, and Career Advancement Programmes are organized for effective curriculum delivery and better understanding of the students.

E-content and PowerPoint presentations have shared among students. The departments have prepared lab manuals. Various ICT oriented and student centric methods are used by all faculty members for effective teaching learning process. Internal unit tests are conducted. The record of results of internal unit tests, pre semester examinations, semester examinations helped to identify slow and advanced learners. Slow learners are offered Remedial classes by the teachers to help them and the academic and career prospects of the advanced learners are enhanced with the help of special coaching.

The attainment of CO, PO, and PSO arereviewed by Feedback Committee to check the effectivity of curriculum delivery.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	**Nil**

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

The Academic Diary of college includes the academic calendar planned in line with the academic calendar of the affiliated university. The academic calendar of the college provides dates declared by the affiliated university for the beginning of the term, the end of the term, the holidays, and probable dates of the examinations, the dates of internal examination, various events and activities to be conducted. Heads of department make some additions to curricular and

extracurricular activities at the departmental level. Every teacher then follows the comprehensive calendar to make his teaching plan. The teacher has mentioned his daily teaching report in the dairy regularly monitored by the vice principal and principal. IQAC has kept constant follow up of activities, events, and the schedule of the internal evaluation. The departments conduct continuous internal evaluation of the students by providing them assignments, holding unit tests, seminars, surprise tests, projects, dissertations, etc. The continuous evaluation of the students helps them be evaluated and guided for further career progression. A review of the attainment of CO, PO and PSO aretaken regularly.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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

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

15

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)

7

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

473

File Description	Documents
Any additional information	**No File Uploaded**
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 college has integrated cross cutting issues into the curriculum of undergraduate and postgraduate by undertaking different activities and practices. It helps to sensitize students and transform them into the responsible citizen worthy of a secular and democratic state. Affiliated university courses offered include cross cutting issues like 1.Food Nutrition, 2.Poverty Reduction, 3.

Health and Hygiene 4.Religion 5.Corporate Social Responsibility 6. Gender Balance 7. Environmental Hazards 8. Changing Human Values.

1. The college propagates human values through Certificate Courses, Add- on and Value Added Courses 1. Employment Communication Skills Using Language Lab 2. Advanced Python Programming 3. Structured Query Language (SQL) 4. Office Automation and Data Analysis 5. Soil Testing and Nutrient Analysis 6. Fresh Water Fish Culture Technology 7. Pisiculture
2. Various Seminars, Conferences, Guest Lectures And Workshops, Field Tours, Science Exhibitions, Study Tours, Projects, Assignments, Essay and Poetry Writing, Cultural Activities.
3. The college has MoUs with renowned institutes to collaborate for conducting various curricular activities.
4. NCC, NSS, Eco-friendly Committee, Anti-Ragging Committee, Health Committee, Career Guidance and Counselling Cell, Women's Grievance Committee, etc. help to grow students with professional and general competencies and sensitivities like social, ethical values, human values and environment sensitivity.

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

20

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

302

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/admin.sciencecollegenanded.org/uploads/aqar/1_4_1_Institution_obtains_feedback_on_the_syllabus_and_its_transaction_at_the_institution_from_the_following_stake1.pdf
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/admin.sciencecollegenanded.org/uploads/aqar/1_4_1__Action_Taken_Report.pdf

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

1401

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

1401

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

According to the policy, the departments have identified slow and advanced learners to cater the students' diversity. For slow learners, each department has held remedial coaching classes and provided learning material to them. Advanced learners are boosted to enrol in MOOC, NPTEL and Swayam Courses. The college has organized special programmes for advance learners like, Nanded District Level AVISHKAR Research Festival-2023, Innovative Project Competition at Collegiate Level, One Week National Workshop on "Preparation of NET/SET Examinations in Mathematics", One Day Seminar on Importance of Competitive Examinations under 'Career Katta', One-day workshop on "Preparation of Competitive Examination (MPSC/UPSC)", Guest Lecture on "Applications of MATLAB Software", Workshop on "Zinga to Zingalala" for Entrepreneurship Development, "National Conference on Recent Trends in Pure and Applied Mathematics", Speak for India-Debate Competition, Wealth Awareness Programme, Brahamibhoot Swami Ramanand Teerth State Level Intercollegiate Debate Competition. In order to develop the intrest among the students for competitive examinationscollege has organized One Day Workshop on "Career Guidance". Special program for positive attitude development and management of the students like Cyber Security Awareness Programme, One Day Workshop on "Health and Happiness", One Day Workshop on "Art of Mind control", Guest Lecture on Importance of Yoga in Life are organized.

File Description	Documents
Paste link for additional information	https://sciencecollegenanded.org/admin.sciencecollegenanded.org/uploads/aqar/2_2_1__The_institution_assesses_the_learning_levels_of_the_students_and_organizes_special_Programmes_for_advanced_learners_and_slow_learners1.pdf
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
1754	66

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

In teaching learning process student centric methods are used.

1. The departments have provided the students experiential learning through experiments in laboratories, assignments, projects, smart classrooms and by organizing study tours,essay writing and poetry writing competitions, field visits, internships, Hands on training, dissertations and seminars.

2. Participative learning through workshops, conferences, seminars, competitions, exhibitions, camps, training programmes, participating in Power Point presentations and Activities in various committees. The students participate in research activities like Research Festival AVISHKAR.Students complete their projects and participate in experimental learning and problem solving methodology. Research students participate in various conferences and present their papers. They participate in Ph. D. course work conducted by college in collaboration with SRTM University, Nanded.

3. The students have learnt through Interactive learning method by participating in group discussions, debates, poster presentation

competitions, career advancements sessions, Peer Assisted Learning, discussion with experts, and guest lectures.

4. Learning is also experineced through Flipped Classes, Industrial Visits, Best from Waste Projects, Orientation Programs, Science Exhibition, Use of Internet resource center to Learn and Investigate, learning by Doing, Project-Based Learning, Use of E-Resources in the Library, Computer-Assisted Information and lab to field activity.

5. Students have also acquired knowledge and skills using Problem solving learning methods in Labs and classrooms through brainstorming and case studies for their research projects.

6. In addition to this the university has integrated the value and skill-based Skill Enhancement Course (SEC) into the curriculum which improves students' practical experiences and fundamental skills.

File Description	Documents
Upload any additional information	**No File Uploaded**
Link for additional information	https://sciencecollegenanded.org/admin.sciencecollegenanded.org/uploads/aqar/2_3_1__Student_centric_methods,_such_as_experiential_learning,_participative_learning_and_problem_solving_methodologies_are_used_for_enhancing_learning_experiences.pdf

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 is full-fledged with WiFi enabled campus and robust website. They are trained for preparing MOOCS, e-content and using various digital tools. The teachers used ICT enabled classrooms with LCD projectors, smart boards and interactive boards, zoom platform. The students are provided with wifi Internet Facility. Teachers provideaudio, video, study material and e-resources from library. For effectual teaching learning teachers use computer labs, language lab and mathematics lab with various updated software. They have YouTube Channels, LMS-Website, PPTs, video material, topic related films, radio talksand Blog. For online teaching teachers have utilized various apps like Zoom, Google Meet, Google Classroom, and software like OBS, Microsoft Teams, Microsoft

board, Google Co-lab online server. For record keeping teachers employ Google applications like Google Doc, Google Forms, Google drive, Google Suite and E-mails are frequently used for communication. Besides using the e-books in the e-classrooms, educational podcasts and videos, such as Ted Talks, YouTube Content, etc. are used which further adds quality to lecture delivery. The social media tools like Whatsapp and Telegram are used for organizing online classes and sharing study materials. Audio Visual Tools and equipment are used like computers, T.V., laptops, camera, microphones, headphones, tablets, scanner, pen drive, printer, digital camera and CDs. Students and teachers appear for online courses through MOOCS platform like NPTEL and SWAYAM.

File Description	Documents
Upload any additional information	**No File Uploaded**
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

66

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

66

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

22

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

672

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 schedule and dates of internal examination are included in academic diary and also displayed on the college website. The

Examination Committee has held a meeting to decide the action plan of internal examination according to the schedule. Before conducting the unit tests, the units for examination are announced in the classrooms. As per the curriculam based on CBCS patternthe departments have conducted the unit tests efficiently and transparently. The question paper contained both subjective and objective type questions in internal examinations.The paper pattern and nature of the questions have been discussed with the students before examination. After evaluation of answer sheets the results are declared.The result of the students' examination is conveyed to them. After receiving the results, teachers discussed the expected answers with the class.The use of ICT for conducting examinations made it easy to evaluate and make a transparent assessment of the results. For the internal assessment of the students, their regularity, attendance,performance, promptness, seminars and viva are also considered. The assignments were designed to improve their subject-related skills. The students are informed about their progress and the areas that need improvement are communicated to them. For effective learning and internal evaluation, multiple tests have been administered using a variety of techniques, including subjective and objective question papers, seminars, vivas, presentations, and small projects. The skill-oriented certificate courses are assessed by the respective teachers.

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 institution has time bound and efficient mechanism to deal with internal examination related grievances. The Grievances are resolved through College Examination Committee at preliminary stage. Unresolved grievances are forwarded to the relevant Head of the department. The Head of the department resolves the grievances with the help of related teachers. The assessed answer books are shown and discussed with students for their satisfaction. In case student is not satisfied the grievances is forwarded to the principal. Thus, the grievances are managed through the timely assessment, open evaluation system and time bound structured mechanism. The college also has a Grievance Redressal Committee to address students' complaints about administrative and academic issues. This committee handles issues with the internal assessment. For handling student

complaints, a complaint box is kept in the college premises. It is routinely opened to receive complaints. Internal assessment of students' performance is used to identify slow and advanced learners. Counseling sessions motivate slow learners to improve their performance in the future. The final internal assessment related grievances are verified by concerned department and forwarded to University by the principal. This structured mechanism of grievance redressal is easy to approach and to get the issue solved.

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.

As each programme and course begins to be taught, the teachers inform the students about the programme objectives and the course objectives. All programmes syllabi, which include a clear mention of COs and POs, are provided by the affiliated university to the college. The Institute has informed the stakeholders about the curriculum, the course outcomes and the programme outcomes indicated by the affiliated university. On the college website, these POs and COs are listed and visible. The Course Outcomes and Program Outcomes are formed to accomplish the academic principles, Social Sensibilities and Moral and Spiritual Values and to facilitate the all round development of the students. Students are made familiar with all aims and objectives and the entire syllabus is to be completed keeping in mind all programme outcomes, course outcomes and programme specific outcomes. Even the programme Assessment Plan, which outlines the many Assessment types, are designed and put into use by the college. Each department keeps a record of COs and POs in its files in order to communicate with all stakeholders. While mapping the students' attainment of CO and PO, performance of the students is taken into consideration.

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

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

The college has a defined system for measuring the levels of attainment of course outcomes, programme specific outcomes and programme outcomes.

- **Attainment of the CO is measured by**

1. **Planning for competition of the syllabus, extra classes for slow learners, continuous internal assessment, setting question papers, evaluationand results.**
2. **75% attendance of students is compulsory for eachclass, participation in tests, seminars, projects, competitions, quizzes, written assignments, presentation of papers, oral presentations, field work, etc. The examination is conducted at the end of every semester.**

- **Attainment of the PSOs is measured by**

1. **Knowing whether the students acquired the abilities of performing expected program related outcomes defined by department heads.**

- **Attainment of the POs is measured by**

1. **Progress of the students as per the curriculam.**
2. **Placement, internships, prizes and university merit rank received by the students.**
3. **Feedback of CO/PO/PSO attainment focusing on the course, availability of the course material, and importance of courses in terms of employability and Feedback of the students as per the satisfaction survey developed by NAAC which is uploaded on college website for stakeholders.**
4. **Parent teacher meet and AluminiMeet feedback**
5. **Checking soft skills like innovations, problem solving**

> ability, leadership, public speaking, interview techniques, group discussion skill, presentations skill, team work, etc.
> 6. Organizing seminars, presentation by students,participation in NCC, NSS, research activities and any othercompetitions.

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

2.6.3 - Pass percentage of Students during the year

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

331

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)

9.6

File Description	Documents
Any additional information	**No File Uploaded**
e-copies of the grant award letters for sponsored research projects /endowments	[View File](#)
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

41

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

3

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 institution has created an ecosystem for innovations with the help of advancing policies and practices by providing sufficient

resources.

- The college has full-fledged PG Departments, well equipedresearch labs and well experienced research guides. It providesinfrastructure for conducting research, including the central instrumentation laband equipments, Internet Resource Centre, Enriched library.

Following are the academic activities carried out by the institute related to research-

- The college has signed MoUs and undertaken collaborative research work such as'One day Workshop on Shewanti Cultivation and Conservation' and Hands ontraining on HPTLC.
- Field trip by Geology department, Conferences like "National Conference on Recent Trends in Pure and Applied Mathematics", Workshops like 'National workshop on "Medicinal Plants: Authentication, Cultivation & Future prospects', One Day Workshop On "Fish Recipes & Fish Exhibition", Seminar on IPR and research methodology,'One Day Informative Seminar on Funding For Research Projects in DBT', 'One Day International Seminar on "Research Grants and Funding Opportunities". Entrepreneurship programmes like 'Workshop on Zinga to Zingalala for Entrepreneurship Development',Ph. D. Course work organized in collaboration with S.R.T.M. University, Nanded. One Day Seminar on "Expanding the Professional Horizon"a Career Counseling for the students byDr. D. P. Kothari, Honorary Adjunct professor VNIT, Nagpur.Celebrated National Science Day by organizing Science Exhibition for the school and college students.

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

8

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

140

File Description	Documents
URL to the research page on HEI website	https://sciencecollegenanded.org/research
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	**No File Uploaded**

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

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

60

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

26

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 has conducted extension activities in the neighborhood community to sensitize students to social issues. The Eco-friendly Committee organized State LevelCompetition on Best from Waste and Eco-friendly Holi and "Da Dudhacha"-Say No to Addiction for the public awareness. The NSS has emphasized the holistic development of the students by teaching them life skills organizing programmes like Mega Blood Donation Camp Seven-Day Special Annual NSS Camp at Lal Bahadur Shastri Vidyalaya, Nila, Dist. Nanded, Rally on AIDSAwareness, Workshop on Rasta Suraksha Abhiyan 2022 (Road Safety Campaign), Health checkup programme and One Day programme for girls student on "Mother Safe to Home Safe Campaign", "Tiranga Distribution Rallyfor NationalAwareness". The NCC unit has undertaken programmes like "SHAHIDO KO NAMAN" Programme, "Har Ghar Tiranga" Rally, Tree Plantation Programme, Blood Donation Camp, "Swachata Abhiyan". Lectures, seminars, workshops, camps and debates,'Guest Lecture on New Educational Policy', 'Aadhaar Card Link workshop', 'Speak for India Elocution Competition', forall round development of students.The college has organized Women Entrepreneurship Development Programme for the women in nearby society. has organized science exhibitions was organized by the Science Association Committee forschools and college students, interand intra-collegiate activities like essay competitions, poetry writing competitions, poster presentations organized by Cultural and Literary Committee. A state level debate competition on the occasion of death anniversary of Brahamibhoot Swami Ramanand Teerth a founder chairman of Nanded Education Society, Nanded.

File Description	Documents
Paste link for additional information	https://sciencecollegenanded.org/admin.sciencecollegenanded.org/uploads/aqar/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_year2.pdf
Upload any additional information	**No File Uploaded**

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

16

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

35

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

3689

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

11

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

29

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	No File Uploaded
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.

This year Institution has renovated Chemistry Lab, Two Physics Labs, College Canteen and Boy's Hostel. The college has adequate classrooms, ICT Halls, library with updated software, a Wi-Fi setup, a variety of software, Incubation Center, Language Lab with Orell Software, Career Guidance Cell, and Internet Resource Center services. All departments have well-equipped labs, storerooms, notice boards, and LCD projectors. Interactive boards, inverters, and generators are available in some departments. The Institute has recognized research centers in Botany, Mathematics, Chemistry, Physics and Zoology. Reading rooms, ICT resources and Tools, e-books, e-journals, and back volumes are available at the library. Researchers, college students, and students from other institutions have access to the Central Instrumentation Lab. There is availability of Vermi-composting Unit, Greenhouse, Plant Tissue Culture, Fish Pond, Medicinal Plant Garden, Botanical Gardens, and Biogas Unit. The Departments of Chemistry, Botany, Physics and Electronics, Zoology, Computer Science and Mathematics have PG Departmental Libraries, Department of Physics has Hobby Workshop. The Fishery Department has fish aquarium. The Mathematics Department has Mathematica and Mapple software. 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 ample sports, Games Gym, Yoga and Cultural facilities. This year college has constructed Lawn Tennis Play Court (120×60) in addition to previous facilities of 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 Tennis 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, Theraband, 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 states 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.

29

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

74.99

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 library enriched with books, reference books, magazines, e-books, etc. The library has two reading rooms. The college library is automated using integrated library management system. To manage the library effectively, the institute has Integrated Library Management System. 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. The library has E-Journals, DELNET, N-List (INFLIBNET) e-shodganga, e-shodsindhu, E-Books, Data base in DELNET, N-List (INFLIBNET). These software helpin 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)

1.91590

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

13

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

In this year college has established Digital Computer Lab sponsored by NASSCOM Foundation and collegehas added into IT facilities like DELNET Library Software renewal, INFLIBNET N-List renewal and established separate wifi connection to Examination Office. The institution has been maintaining following facilities

1. Well equipped Internet Resource Center(IRC) with sixteen latest configured computers is well maintained.

2. A Language Lab with interactive board, Projector and Orell Software is 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 each, 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 departments.

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 ComputerLab 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

217

File Description	Documents
Upload any additional information	No File Uploaded
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)

71.72870

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 oversee purchasing, maintenance, and usage of physical, academic, and support resources. The committee is responsible for the upkeep of the labs, classrooms, library, canteen, NCC and NSS Unit, and campus landscaping. A list of non-operational tools and equipment is compiled by all departments, and outside professionals repair it under the committee's guidance. HoDs planthe budgets of tools, equipment, glassware, chemicals, books, journals, computers maintainance and purchase of software, renovation and maintainance of classrooms,maintainance of play ground and indoor hall under sports complex, lab maintainance andlab renovations, library updatation and maintainancewhich is funded from the college budget. The institution provides budget for lighting, phone service, security guard salaries, office maintainance, travel expenses, and CCTV. Every department maintains a stock register, which is checked at the end of the year. New equipment is purchased using funds from

DST-FIST and CPE to improve labs, classrooms, ICT centers, libraries, and other spaces. The canteen, NCC, NSS office, sports office, running track, and indoor sports hall are all funded by the college budget. S.R.T.M. University, Nanded provides funding to NSS for a range of extracurricular activities, including NSS camps. All maintenance related to computers, Wi-Fi, hardware, and software is done by the teachers in the computer science department. The committee oversees the upkeep and use of the physical academic and support facilities, including the lab, library, sports complex, computers, and classrooms.

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

1873

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

13

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

1373

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

1373

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

A. All of the above

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

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
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

51

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
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

61

File Description	Documents
Upload supporting data for student/alumni	*View File*
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

15

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

39

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

Our institute's student council is made up of representatives from NSS, athletics, NCC, and cultural activities, chosen based on merit. They help the college administration in maintaining decorum and order on campus. The Student Council participates 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) Anti ragging committee 16) Student Grievances Cell 17) Rally/ funds collection to flood/draught/disasters 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) Blood donation camp, 26) celebration of Independenceday, Republic day 26) Indian Science Congress 27) Lecture Series 28) Essay Writing and Poetry Writing Competition29) Power-point presentations 30)Anti ragging Committee 31)IQAC member 32)organizing seminars, workshops and conferences 33) Career Guidance and Placement Activities 34)Farewell and Wel-Come Programmes 35) Gender Equity Activity 36) Best from Waste.

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

39

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

Aims and Goals for the year 2022-2023:

1. To make alumni expertise and experience available for the advancement of the college's

research and educational operations.

2. To provide deserving poor student help by charitable causes.

Alumni Association is working since 2004 and registered with the Assistant Charity Commissioner office, Nanded Division Nanded on 04-08-2021. The association is also registered as "Society with Assistant Register of the society, Nanded Division, Nanded.

In the academic year (2022-23) alumni association has conducted the following activities

   1. Departmental –Wise Alumni Meet Organized:

- - Department of Botany, Microbiology and Biotechnology: Organized Alumni –Meet on 10th January 2023
  - Department of Physics and Electronics: Organized Alumni –Meet on 30th January 2023
  - Department of Zoology & Fishery Science: Organized Alumni –Meet on 04th February 2023
  - Department of Computer Science, Information Technology& Statistics Alumni -Meet on 13th February 2023

2. Alumni Association Organized Annual Reunion -2023 –on 12th April 2023

3. Tree Plantations

4. Guest Lecture by Dr. Adinath Ingole, Former Vice-Principal Shri Guru Buddhisami College, Purna, Parbhani.

5. Scholarship awards for Meritorious/Needy Students: for department of Physics sponsored by Shri .Rajeshwarrao Raini

6. Publication of Annual quarterly magazine of Alumni Association "The Essence of Science" on D. 26/01/2023 and 01/05/2023.

Donation Towards Alumni Association

Donation of RCC garden benches and chairs to boy's hostel, Science College

Donation of Overhead Water Storage Tank for boys Hostel

Campus Placement Drive (Godavari Drugs) on 31st December 2022: was arranged by Alumnus.

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)

D. 1 Lakhs - 3Lakhs

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 governance, leadership and administration of institution are reflective of and in tune with the vision and mission statements of the college. The administration is smoothly conducted by the participation of the teaching and non-teaching staffs and their representative such as GC, CDC, IQAC, statutory and other committees of the college.

The vision and mission of Science College is reflected through the activities like

1. To launch newly designed, vocational programs in order to stay up with the rapidly changing requirements for 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.

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 throughprogrammes organized by college committees.

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, the institution is trying to admit quality students.

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

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

To facilitate efficient and effective college administration and decentralize the administration, the Nanded Education Society governing council appoints the Principal and Vice-Principal. Under the direction of the principal and the IQAC Coordinator, the institution has established a number of committees to aid in the administration and efficient operation of the academic programs. The college's principal oversees the administration of funds, institutional policies and plans, and departmental development and research. He also addresses a variety of topics with all the stakeholders. The Principal guides students during the orientation session at the start of the academic year and briefs the staff on the institute's policies.

1. Faculty Level Management: All the faculty members of the college are given responsibilities of different committees.

The conveners conduct academic curricular and extracurricular 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 representative on different committees according to their ability for 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 policy making of the institute.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institute has devised its strategic and perspective plan keeping in line with its vision and mission. This plan is effectively devised by implementing various processes, strategies and

activities. This year Research Committee has organized various worth mentioning programmes. Like every year, this year also the Ph.D. course work was organized by the Research Committee during March 20, 2023 to April 13, 2023. There were total 46 Participants from 05 different subjects allocated under 24 research guides, including 01 international student. During these 21 days, committee has organized more than 100 lecturesfor the completion of syllabus of three papers namely Research Methodology, Computer Application and Research Publication and Ethics. There were 27 faculty members and Scientists contributed for the course work from 10 different institutes of Maharashtra, 01 from Karnataka and 02 guests from USA. Apart from syllabus the committee hasorganized the lectures of best researchers to share their knowledge and experiencefor the motivation of our students. The committee has organized AVISHKAR Research Festival – 2023 Nanded District Level on 17/10/2022, One Day International Seminar on "Research Grants and Funding Opportunities" with Dr. Betsy Justus Briju, Ohio University, USA on D. 03/03/2023, One day informative seminar on funding for research projects in DBT on D.17/08/2022 and "Expanding the Professional Horizon: Career Counseling with Dr. D. P. Kothari" (Necessity of reading, research, consultancy and collaboration) on D. 07/12/2022 in collaboration with IQAC.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

In order to ensure effective and efficient administration, the college promotes a decentralized, participatory management strategy. The policies and procedures are implemented with input from the students, the Principal, Vice-Principal, GC, CDC, IQAC, department heads, teaching staff, conveners, and registrar which serve as guidelines for admission, campus discipline, research, the T-L process, stakeholder complaints, supportive services, exams, academic activities, finances, and administration. They coordinate and plan the extracurricular activities for both teachers and students. It is the HODs' responsibility to put all plans, policies, and procedures into effect in order to achieve the institution's

stated objectives. The Principal, Vice Principal, IQAC Coordinator, and staff secretary, Convenersof each committee form the groupsfor the efficient operation.According to the instructions given by the Principal, the convener of each committee runs meetings and carries out various tasks. The administrative structure is strong and capable of carrying out the institution's vision and mission. The college adheres fully to the CAS and UGC norms for promotion and selecting the teaching staff. The appointment of teaching and non-teaching staff completed as per the rules and regulations of UGC and Govt. of Maharashtra.

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/admin.sciencecollegenanded.org/uploads/aqar/6_2_2_Institutional_Organogram1.pdf
Upload any additional information	View File

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	View File
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 offers caring programs and welfare benefits to both teaching and non-teaching staff. It offers plenty of chances

for staff members' academic and professional growth. The management gives its staff members the tools they need to reach their full potential and guarantees their well-being. The college provides health and financial security for its staff members.

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 on the basis ofAPI and PBAS.

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 are organizedfor 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

4

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

6

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**No File Uploaded**
Reports of Academic Staff College or similar centers	**No File Uploaded**
Upload any additional information	[View File](#)
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

7

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	[View File](#)
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)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 and annual performance appraisal.

File Description	Documents
Paste link for additional information	https://sciencecollegenanded.org/admin.sciencecollegenanded.org/uploads/aqar/6_3_5_Institutions_Performance_Appraisal_System_for_teaching_and_non-teaching_staff_.pdf
Upload any additional information	**No File Uploaded**

6.4 - Financial Management and Resource Mobilization

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

Science College conducts internal and external financial audits regularly. Internal and external audits are done by the Auditor appointedby the institute annually. The yearly budget allocation and routine expenditure, minor project and grants received from different funding agencies,financial allocation of various departments are thoroughly audited by the audit committee. The government recognized auditor Shri. Shyam Gandewar conducts financial internal and external audit every year with the co-operation of Office Superintendent and account staff. The college has yearly audited statements which are used for various purposes. The audit reports are placed and approved by the College Development Committee (CDC) and the Governing Council.

The procedure for audits is as follows:

- **As every financial Year closes on 31st March, the Financial Report is prepared and audited by the internal auditor.**
- **Annually, the internal auditor has done the Internal Audit and prepared 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 has done the scrutiny of the report and found 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)

31.11

File Description	Documents
Annual statements of accounts	[View File](#)
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

1. **Science College Nanded is grant-in-aid institute which is included under sections 2f and 12B Act 1956 of University Grants Commission, New Delhi. Therefore it is completely eligible to receive the grants from various schemes of UGC, New Delhi DBT, DST and the State Government. Apart from that, the college mobilizes funds from other agencies like Govt. of Maharashtra, the university, alumni, philanthropists, individuals and students, etc. the funds are mobilized from different government and non government organizations viz. Funds from UGC Schemes, Funds from State Government, Scholarship Grants from Central and State Government, Admission and Examination Fees, Individual donors, Alumni, UGC CPE, DST-FIST and Income from Consultancy.**
2. **Optimal Utilization of resources:**

Academic and infrastructural resources are optimally utilized. Fees received from students are used for development of the college, non-grant faculty and staff salaries, students' activities and are properly audited. Funds are utilized for Building maintenance, lab

upgradation and renovation of The college academic work is in three shifts. The infrastructural facilities like auditorium, seminar hall, open theatre, college ground, sports indoor hall, Gym, running track facilities are given to Government, Non-government and Social organizations to conduct various events. The classrooms are provided to conduct various government and non-government competitive examinations. Central Instrumentation Lab is used for providing consultancy services to researchers. The Internet Resource Center is utilized for training programmes and career guidance cell for preparation of competitive examinations.

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

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

- IQAC has developed the system to collect the timely large data from various stakeholders such as faculty, students, departments, committees and management and used the robust software solutions to analyze collected data and to generate reports. This resulted into getting the required information at the click of a button.
- Conducted departmental meetings to give suggestions for making the TL process more participative by adopting various methods, techniques and technology.
- Preparation of online Stakeholders' feedback report, Student Satisfaction Survey report, PO, CO Attainment Report, Action Taken Report, Result Analysis, generating various reports, internal external audits,etc.
- Participation in NIRF and ISO Certification, energy, green and environment audit
- IQAC motivated to conduct Alumni Reunion on D. 12/04/2023 and departmental Alumni Meets.
- Promoted research eco-system in the institute through organizing AVISHKAR-2023 Research Festival, seminars on IPR, guest lectures, conferences and workshops.
- Encouraged departments to undergo MoUs and keep it functional.
- Institutional Training Programme on Topic: Energy Sources for Sustainable Development on D. 26/12/2022
- IQAC organized Workshops, Guest Lecture, Career Development

Programme, State Level Debate Competition, Health and Wealth Awareness Programme.
- Collaborative quality initiatives with other institution.
- Quality audit recognized by state, national or international agencies (ISO Certification)

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

In the Orientation Programme, newly admitted students are made aware of the teaching learning process, the system of continuous evaluation, compulsory core courses, various co-curricular activities, and code of conduct and culture of the Institute. The Feedback from students is also taken of teachers and their respective courses, by the IQAC.

The robust IQAC reviews and proceeds for the improvement of the quality of the TL process through feedbacks of attainment of PO, CO and PSOs and feedback of student satisfaction survey at periodic intervals. It conducts departmental meetings to advocate plans for successful implementation of curricular, co-curricular and extra-curricular activities. The Feedback is collected by the feedback committee and properly analyzed and shared with the IQAC, 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
- Internal and University Examinations
- Online Stakeholders' feedback, SSS, PO, CO Attainment, Action Taken.
- Organizations of various extension activities
- Application for NIRF, ISO, CPE status, DST-FIST.
- Submitted proposal to NCW, FIST-Project (Level-B) .
- Departmental meetings were conducted by IQAC Committee to discuss academic and administrative status of all departments. The Committee guided departments to plan and execute various

curricular, co-curricular and extra-curricular activities and verified all the NAAC related documents and necessary suggestions were given to fulfill some required documents.

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/assets/pdf/special_features/Shabdashilpa-22-23.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
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

The college has co-education and each year, more girls than boys are admitted to the UG, PG and Ph.D. programmes. It illustrates how the college provides a "safe and secure" environment for female students. The institution has initiated measures for the promotion of gender equity during the year. 1. The Campus Cleaning Activity on the occasion of Women's Day Celebration 08/03/2023,2. Guest lecture

on Importance of Women's Education on the occasion of Mahatma Jyotiba Phule Jayanti Celebration, 11/04/2022, 3. World AIDS Public Awareness Day Celebration- 01/12/2022, 4. Health checkup and assignment under "Mother Safe to Home Safe Campaign"- 15/10/2022, 5. Seven-Day Special Annual NSS Camp at Lal Bahadur Shastri Vidyalaya, Nila, Dist. Nanded- 15/01/2023 to 21/01/2023, 6. Women Entrepreneurship Development Programme- 04/02/2023,7. Special Guest Lecture Series on Women Empowerment in NSS Camp-Guest Lecture on Personality Development by Dr. Vibhati Kulkarni, Guest Lecture on Women Empowerment by Dr. V. R. Rajewar, Guest Lecture on Computer Literacy by Dr. S. S. Modi, Guest Lecture on Child Marriage Prevention Act by Dr. Rekha Wadekar, Guest Lecture on Kitchen Gardening by Dr. P.S. Borkar. Various Competitions were organized for girls-Healthy Recipe Competition, Painting Competition, Rangoli Competition, Singing Competition, Dancing Competition, Fashion Glam-up Show Competition and Best from Waste Competition.

File Description	Documents
Annual gender sensitization action plan	https://sciencecollegenanded.org/admin.sciencecollegenanded.org/uploads/aqar/7_1_1_Gender_Equity_2021-20221.pdf
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/admin.sciencecollegenanded.org/uploads/aqar/7_1_1_Measures_initiated_by_the_Institution_for_the_promotion_of_gender_equity_during_the_year1.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	No File Uploaded

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 has undertaken various practices in the college to manage Solid waste, Liquid Waste, Electronic Waste in the college.

- Solid Waste Management: Eco-friendly Committee has organized programme 'Plastic Free Campus in that a poster is inaugurated and posted at the prominent place at the college and conducted 'The Best from Waste State Level Competition' to motivate students' for solid waste management. The Eco-friendly Committee ensures the proper disposal of waste from canteen and hostel, mess food waste and water waste, disposable bio-hazardous waste, disposal of paper waste, disposal of garden waste and other e-waste. The garbage bins are placed at various places on the college campus. The college has practice to reuse one sided printed paper for internal communication. Students are instructed to keep campus clean by conducting cleanliness campaign. Garden and other waste are composted in the form of vermi compost by the committee.
- Liquid Waste Management: Waste water recycling system: Waste water coming out of the RO (Reverse Osmosis) system is collected in water tank and reused in watering the gardens on campus.
- E-waste: The College has location for collection and disposable center for paper waste and E-waste.
- For bio-degradable waste bio-gas plant is maintained at campus.
- Hazardous chemicals generated from chemistry department are discharged into the waste pipeline attached to drainage pipeline of muncipal corporation.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
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	**No File Uploaded**
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	**No File Uploaded**

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 cultures 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 the 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 celebrating 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)	[View File](#)
Any other relevant information	No File Uploaded

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

The college has been preserving 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, National Anthem. Through the various activities and programmes conducted by NSS and NCC the college promotes nationalism, unity and integrity in India and render national service when called upon to do so. This year college has conducted Azadi ka Amrut Mohotsav and Science Exhibition. "Tiranga Distribution Rally" &" Awareness Rally", "SHAHIDO KO NAMAN" Program, Organization of guest lecture on new educational policy, Organization of Aadhaar card link workshop, Rasta Suraksha Abhiyan 2022 Workshop (Road Safety Campaign), Health checkup and awareness under "Mother Safe to Home Safe Campaign" promotes harmony.The college promotes the spirit of common brotherhood amongst all the stakeholdersofreligious, linguistic, and

regional or sectional diversities and renounce practices derogatory to the dignity of Women.The College is well-known for its practices for environment protection.The natural environment including woods, fruit gardens, floral gardens, medicinal and botanical garden. As a responsible citizens college has preparedpigeon wooden shelters for safe living of pigeon on the campus.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://sciencecollegenanded.org/admin.sciencecollegenanded.org/uploads/aqar/7_1_9_-_Sensitization_of_students_and_employees_of_the_Institution_to_the_constitutional_obligations_values,_rights,_duties_and_responsibilities_of_citizens_(2).pdf
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 observes and commemorates academic, governmental, and cultural festivals and days of remembrance. The college encourages eco-friendly Holi and Diwali celebrations. Students also deliver messages for anti-addiction as part of the celebration of the new year (drink Milk and say no to Wine). Days that are observed and memorialized by the institution:

- 1 May: Maharashtra Din and Shramik Din
- 21 June: International Yoga Day
- 25 June: Rajarashi Shahu Maharaj Jayanti
- 23 July: Bal Gangadhar Tilak Jayanti
- 1 August: Anna Bhau Sathe and Lokmanya Tilak Jayanti
- 2 August: Rajeev Gandhi Jayanti (Sadbhavana Diwas)
- 16 September: International Ozone Day
- 17 September: Hyderabad Mukti-Sangram
- 14 September: National Hindi Day
- 2 October: Mahatma Gandhi Jayanti
- 3 October: Swami Ramanand Teerth Jayanti (Blood Donation Camp)
- 14 November: Pandit Jawaharlal Jayanti
- 26 November: Indian Constitution Day
- 27 December: Dr. Panjabrao Deshmukh Jayanti
- 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: Chatrapati Shivaji Maharaj Jayanti
- 23 February: Sant 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)	View File
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.

Two Best Practices

1. Science Exhibition for school and college students

The institute aims to provide platform for presentation of innovative ideas, research interest and scientific skills among school and college students. In the context to popularize science among the stakeholders and to honor the memory of C.V. Raman, the College observes his birthday 28th February as National Science Day and celebrates this day every year by organizing science exhibition. In the practice students present their innovations and ideas in the various subjects with the help of posters,models,computers and LCD projectors. The evidence of success is that 147 students are benefitted by the talks of the eminent faculty and the event. Due to huge response of the students it was difficult to manage the event even then the exhibition was made successful. The required resources were faculty,judges, guides,equipments, audio-visual aids,auditorium,etc.

2.Guidance for Preparation of NET/SET/GATE/PET Examination

With objectives to prepare students for NET/SET/GATE/PET fellowships and job opportunities. In the context as per the need and demand of students the classes for NET/SET/GATE/PET examination are conducted every year. The committee plans structured time table for these classes. The workshops are organized for preparation. 580 students are benefitted and 78 students qualified NET/SET/GATE/PET examinations. The students who qualified for NET-JRF qualified students joined as research fellow. The problem is vast syllabus and less time for preparation. It required resource persons,books,study material,lecture hall,audio-visual aids.

File Description	Documents
Best practices in the Institutional website	https://sciencecollegenanded.org/admin.sciencecollegenanded.org/uploads/aqar/7_2_1_Describe_two_best_practices_successfully_implemented_by_the_Institution_as_per_NAAC_format_provided_in_the_Manual_(2).pdf
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

Our institute has Central Instrumentation lab with equipments like HPTLC and FTIR through which consultancy services are provided to the PG and research students. The career guidance and placement cell trained the students to get jobs through campus interviews, the departments have conducted 07 certificate courses in different subjects. The college has eco-friendly committee to conduct eco-friendly activities. We have established vermi-compost unit, bio-gas unit, green house, botanical garden, medicinal plant garden. We have taken care of the environmental issues by establishing solar energy panels and also the rain water harvesting projects. Solid and Liquid Waste Management system is properly implemented. The college alumni have contributed for the development of the college. N.C.C and N.S.S. units are the best units in this University jurisdiction and received various awards. The other facilities available on the campus are Smart Classrooms, RO filtered Water System, Fish-tank, Internet Resource Centre, Language lab, Digital Computer Lab, and WiFi Campus. The sports facility includes 400 meter running track and sport indoor hall with four wooden court.

The unique activities in the college are testing of soil and analysis and production of Mycorrhizal biofertilizers for the farmers of this region which helps in the improvement of soil for more crop production. The soil testing and analysis done on the field as well as in the Agro Chemicals and Fertilizers lab. The Mycorrhizal biofertilizers are prepared in the college campus and provided to the farmers free of cost by organizing farmers meet.

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 institute ensures effective curriculum delivery by preparing the academic calendar as per the prescribed syllabus and academic calendar of S.R.T.M. University, Nanded. Each head of the department has allotted the syllabus to the qualified staff. The POs, PSOs, and COs are defined. According to the syllabus and the college schedule, the teachers charted semester-by-semester lesson plans and curricular and co-curricular activities. There are additional classes on the weekends and on holidays. Curricular and co-curricular activities like Assignments, Projects, Guest Lectures, Seminars, Workshops, Conferences, Field Tours, Industry Visits, and Career Advancement Programmes are organized for effective curriculum delivery and better understanding of the students.

E-content and PowerPoint presentations have shared among students. The departments have prepared lab manuals. Various ICT oriented and student centric methods are used by all faculty members for effective teaching learning process. Internal unit tests are conducted. The record of results of internal unit tests, pre semester examinations, semester examinations helped to identify slow and advanced learners. Slow learners are offered Remedial classes by the teachers to help them and the academic and career prospects of the advanced learners are enhanced with the help of special coaching.

The attainment of CO, PO, and PSO arereviewed by Feedback Committee to check the effectivity of curriculum delivery.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	Nil

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

The Academic Diary of college includes the academic calendar planned in line with the academic calendar of the affiliated university. The academic calendar of the college provides dates declared by the affiliated university for the beginning of the term, the end of the term, the holidays, and probable dates of the examinations, the dates of internal examination, various events and activities to be conducted. Heads of department make some additions to curricular and extracurricular activities at the departmental level. Every teacher then follows the comprehensive calendar to make his teaching plan. The teacher has mentioned his daily teaching report in the dairy regularly monitored by the vice principal and principal. IQAC has kept constant follow up of activities, events, and the schedule of the internal evaluation. The departments conduct continuous internal evaluation of the students by providing them assignments, holding unit tests, seminars, surprise tests, projects, dissertations, etc. The continuous evaluation of the students helps them be evaluated and guided for further career progression. A review of the attainment of CO, PO and PSO aretaken regularly.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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

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

15

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)

7

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

473

File Description	Documents
Any additional information	**No File Uploaded**
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 college has integrated cross cutting issues into the curriculum of undergraduate and postgraduate by undertaking different activities and practices. It helps to sensitize students and transform them into the responsible citizen worthy of a secular and democratic state. Affiliated university courses offered include cross cutting issues like 1.Food Nutrition, 2.Poverty Reduction, 3. Health and Hygiene 4.Religion 5.Corporate Social Responsibility 6. Gender Balance 7. Environmental Hazards 8. Changing Human Values.

1. The college propagates human values through Certificate Courses, Add- on and Value Added Courses 1. Employment Communication Skills Using Language Lab 2. Advanced Python Programming 3. Structured Query Language (SQL) 4. Office Automation and Data Analysis 5. Soil Testing and Nutrient Analysis 6. Fresh Water Fish Culture Technology 7. Pisiculture

2. Various Seminars, Conferences, Guest Lectures And Workshops, Field Tours, Science Exhibitions, Study Tours, Projects, Assignments, Essay and Poetry Writing, Cultural Activities.

3. The college has MoUs with renowned institutes to collaborate for conducting various curricular activities.

4. NCC, NSS, Eco-friendly Committee, Anti-Ragging Committee, Health Committee, Career Guidance and Counselling Cell, Women's Grievance Committee, etc. help to grow students with professional and general competencies and sensitivities like social, ethical values, human values and environment sensitivity.

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

20

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

302

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/admin.sciencecollegenanded.org/uploads/aqar/1_4_1_Institution_obtains_feedback_on_the_syllabus_and_its_transaction_at_the_institution_from_the_following_stake1.pdf
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/admin.sciencecollegenanded.org/uploads/aqar/1_4_1_Action_Taken_Report.pdf

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

1401

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

1401

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

According to the policy, the departments have identified slow and advanced learners to cater the students' diversity. For slow learners, each department has held remedial coaching classes and provided learning material to them. Advanced learners are boosted to enrol in MOOC, NPTEL and Swayam Courses. The college has organized special programmes for advance learners like, Nanded District Level AVISHKAR Research Festival-2023, Innovative Project Competition at Collegiate Level, One Week National Workshop on "Preparation of NET/SET Examinations in Mathematics", One Day Seminar on Importance of Competitive Examinations under 'Career Katta', One-day workshop on "Preparation of Competitive Examination (MPSC/UPSC)", Guest Lecture on "Applications of MATLAB Software", Workshop on "Zinga to Zingalala" for Entrepreneurship Development, "National Conference on Recent Trends in Pure and Applied Mathematics", Speak for India- Debate Competition, Wealth Awareness Programme, Brahamibhoot Swami Ramanand Teerth State Level Intercollegiate Debate Competition. In order to develop the intrest among the students for competitive examinationscollege has organized One Day Workshop on "Career Guidance". Special program for positive attitude development and management of the students like Cyber Security Awareness Programme, One Day Workshop on "Health and Happiness", One Day Workshop on "Art of Mind control", Guest Lecture on Importance of Yoga in Life are organized.

File Description	Documents
Paste link for additional information	https://sciencecollegenanded.org/admin.sciencecollegenanded.org/uploads/aqar/2_2_1__The_institution_assesses_the_learning_levels_of_the_students_and_organizes_special_Programmes_for_advanced_learners_and_slow_learners1.pdf
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
1754	66

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

In teaching learning process student centric methods are used.

1. The departments have provided the students experiential learning through experiments in laboratories, assignments, projects, smart classrooms and by organizing study tours,essay writing and poetry writing competitions, field visits, internships, Hands on training, dissertations and seminars.

2. Participative learning through workshops, conferences, seminars, competitions, exhibitions, camps, training programmes, participating in Power Point presentations and Activities in various committees. The students participate in research activities like Research Festival AVISHKAR.Students complete their projects and participate in experimental learning and problem solving methodology. Research students participate in various conferences and present their papers. They participate in Ph. D. course work conducted by college in collaboration with SRTM University, Nanded.

3. The students have learnt through Interactive learning method

by participating in group discussions, debates, poster presentation competitions, career advancements sessions, Peer Assisted Learning, discussion with experts, and guest lectures.

4. Learning is also experineced through Flipped Classes, Industrial Visits, Best from Waste Projects, Orientation Programs, Science Exhibition, Use of Internet resource center to Learn and Investigate, learning by Doing, Project-Based Learning, Use of E-Resources in the Library, Computer-Assisted Information and lab to field activity.

5. Students have also acquired knowledge and skills using Problem solving learning methods in Labs and classrooms through brainstorming and case studies for their research projects.

6. In addition to this the university has integrated the value and skill-based Skill Enhancement Course (SEC) into the curriculum which improves students' practical experiences and fundamental skills.

File Description	Documents
Upload any additional information	**No File Uploaded**
Link for additional information	https://sciencecollegenanded.org/admin.sciencecollegenanded.org/uploads/aqar/2_3_1__Student_centric_methods,_such_as_experiential_learning,_participative_learning_and_problem_solving_methodologies_are_used_for_enhancing_learning_experiences.pdf

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 is full-fledged with WiFi enabled campus and robust website. They are trained for preparing MOOCS, e-content and using various digital tools. The teachers used ICT enabled classrooms with LCD projectors, smart boards and interactive boards, zoom platform. The students are provided with wifi Internet Facility. Teachers provideaudio, video, study material and e-resources from library. For effectual teaching learning teachers use computer labs, language lab and mathematics lab with various updated software. They have YouTube Channels, LMS-Website, PPTs, video material, topic related films, radio

talksand Blog. For online teaching teachers have utilized various apps like Zoom, Google Meet, Google Classroom, and software like OBS, Microsoft Teams, Microsoft board, Google Co-lab online server. For record keeping teachers employ Google applications like Google Doc, Google Forms, Google drive, Google Suite and E-mails are frequently used for communication. Besides using the e-books in the e-classrooms, educational podcasts and videos, such as Ted Talks, YouTube Content, etc. are used which further adds quality to lecture delivery. The social media tools like Whatsapp and Telegram are used for organizing online classes and sharing study materials. Audio Visual Tools and equipment are used like computers, T.V., laptops, camera, microphones, headphones, tablets, scanner, pen drive, printer, digital camera and CDs. Students and teachers appear for online courses through MOOCS platform like NPTEL and SWAYAM.

File Description	Documents
Upload any additional information	**No File Uploaded**
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

66

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

66

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

22

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

672

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 schedule and dates of internal examination are included in academic diary and also displayed on the college website. The Examination Committee has held a meeting to decide the action plan of internal examination according to the schedule. Before conducting the unit tests, the units for examination are announced in the classrooms. As per the curriculam based on CBCS patternthe departments have conducted the unit tests efficiently and transparently. The question paper contained both subjective and objective type questions in internal examinations.The paper pattern and nature of the questions have been discussed with the students before examination. After evaluation of answer sheets the results are declared.The result of the students' examination is conveyed to them. After receiving the results, teachers discussed the expected answers with the class.The use of ICT for conducting examinations made it easy to evaluate and make a transparent assessment of the results. For the internal assessment of the students, their regularity, attendance,performance, promptness, seminars and viva are also considered. The assignments were designed to improve their subject-related skills. The students are informed about their progress and the areas that need improvement are communicated to them. For effective learning and internal evaluation, multiple tests have been administered using a variety of techniques, including subjective and objective question papers, seminars, vivas, presentations, and small projects. The skill-oriented certificate courses are assessed by the respective teachers.

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 institution has time bound and efficient mechanism to deal with internal examination related grievances. The Grievances are resolved through College Examination Committee at preliminary stage. Unresolved grievances are forwarded to the relevant Head of the department. The Head of the department resolves the grievances with the help of related teachers. The assessed answer books are shown and discussed with students for their satisfaction. In case student is not satisfied the grievances is forwarded to the principal. Thus, the grievances are managed through the timely assessment, open evaluation system and time

bound structured mechanism. The college also has a Grievance Redressal Committee to address students' complaints about administrative and academic issues. This committee handles issues with the internal assessment. For handling student complaints, a complaint box is kept in the college premises. It is routinely opened to receive complaints. Internal assessment of students' performance is used to identify slow and advanced learners. Counseling sessions motivate slow learners to improve their performance in the future. The final internal assessment related grievances are verified by concerned department and forwarded to University by the principal. This structured mechanism of grievance redressal is easy to approach and to get the issue solved.

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.

As each programme and course begins to be taught, the teachers inform the students about the programme objectives and the course objectives. All programmes syllabi, which include a clear mention of COs and POs, are provided by the affiliated university to the college. The Institute has informed the stakeholders about the curriculum, the course outcomes and the programme outcomes indicated by the affiliated university. On the college website, these POs and COs are listed and visible. The Course Outcomes and Program Outcomes are formed to accomplish the academic principles, Social Sensibilities and Moral and Spiritual Values and to facilitate the all round development of the students. Students are made familiar with all aims and objectives and the entire syllabus is to be completed keeping in mind all programme outcomes, course outcomes and programme specific outcomes. Even the programme Assessment Plan, which outlines the many Assessment types, are designed and put into use by the college. Each department keeps a record of COs and POs in its files in order to communicate with all stakeholders. While mapping the students' attainment of CO and PO, performance of the students is taken into consideration.

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

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

The college has a defined system for measuring the levels of attainment of course outcomes, programme specific outcomes and programme outcomes.

- **Attainment of the CO is measured by**

1. Planning for competition of the syllabus, extra classes for slow learners, continuous internal assessment, setting question papers, evaluationand results.
2. 75% attendance of students is compulsory for eachclass, participation in tests, seminars, projects, competitions, quizzes, written assignments, presentation of papers, oral presentations, field work, etc. The examination is conducted at the end of every semester.

- **Attainment of the PSOs is measured by**

1. Knowing whether the students acquired the abilities of performing expected program related outcomes defined by department heads.

- **Attainment of the POs is measured by**

1. Progress of the students as per the curriculam.
2. Placement, internships, prizes and university merit rank received by the students.
3. Feedback of CO/PO/PSO attainment focusing on the course, availability of the course material, and importance of courses in terms of employability and Feedback of the students as per the satisfaction survey developed by NAAC which is uploaded on college website for stakeholders.
4. Parent teacher meet and AluminiMeet feedback
5. Checking soft skills like innovations, problem solving

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        ability, leadership, public speaking, interview techniques,
        group discussion skill, presentations skill, team work,
        etc.
    6.  Organizing seminars, presentation by students,participation
        in NCC, NSS, research activities and any othercompetitions.
```

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

2.6.3 - Pass percentage of Students during the year

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

331

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)

9.6

File Description	Documents
Any additional information	**No File Uploaded**
e-copies of the grant award letters for sponsored research projects /endowments	View File
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

41

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

3

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 institution has created an ecosystem for innovations with the

help of advancing policies and practices by providing sufficient resources.

- The college has full-fledged PG Departments, well equipedresearch labs and well experienced research guides. It providesinfrastructure for conducting research, including the central instrumentation laband equipments, Internet Resource Centre, Enriched library.

Following are the academic activities carried out by the institute related to research-

- The college has signed MoUs and undertaken collaborative research work such as'One day Workshop on Shewanti Cultivation and Conservation' and Hands ontraining on HPTLC.
- Field trip by Geology department, Conferences like "National Conference on Recent Trends in Pure and Applied Mathematics", Workshops like 'National workshop on "Medicinal Plants: Authentication, Cultivation & Future prospects', One Day Workshop On "Fish Recipes & Fish Exhibition", Seminar on IPR and research methodology,'One Day Informative Seminar on Funding For Research Projects in DBT', 'One Day International Seminar on "Research Grants and Funding Opportunities". Entrepreneurship programmes like 'Workshop on Zinga to Zingalala for Entrepreneurship Development',Ph. D. Course work organized in collaboration with S.R.T.M. University, Nanded. One Day Seminar on "Expanding the Professional Horizon"a Career Counseling for the students byDr. D. P. Kothari, Honorary Adjunct professor VNIT, Nagpur.Celebrated National Science Day by organizing Science Exhibition for the school and college students.

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

8

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

140

File Description	Documents
URL to the research page on HEI website	https://sciencecollegenanded.org/research
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	**No File Uploaded**

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

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

60

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

26

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 has conducted extension activities in the neighborhood community to sensitize students to social issues. The Eco-friendly Committee organized State LevelCompetition on Best from Waste and Eco-friendly Holi and "Da Dudhacha"-Say No to Addiction for the public awareness. The NSS has emphasized the holistic development of the students by teaching them life skills organizing programmes like Mega Blood Donation Camp Seven-Day Special Annual NSS Camp at Lal Bahadur Shastri Vidyalaya, Nila, Dist. Nanded, Rally on AIDSAwareness, Workshop on Rasta Suraksha Abhiyan 2022 (Road Safety Campaign), Health checkup programme and One Day programme for girls student on "Mother Safe to Home Safe Campaign", "Tiranga Distribution Rallyfor NationalAwareness". The NCC unit has undertaken programmes like "SHAHIDO KO NAMAN" Programme, "Har Ghar Tiranga" Rally, Tree Plantation Programme, Blood Donation Camp, "Swachata Abhiyan". Lectures, seminars, workshops, camps and debates,'Guest Lecture on New Educational Policy', 'Aadhaar Card Link workshop', 'Speak for India Elocution Competition', forall round development of students.The college has organized Women Entrepreneurship Development Programme for the women in nearby society. has organized science exhibitions was organized by the Science Association Committee forschools and college students, interand intra-collegiate activities like essay competitions, poetry writing competitions, poster presentations organized by Cultural and Literary Committee. A state level debate competition on the occasion of death anniversary of Brahamibhoot Swami Ramanand Teerth a founder chairman of Nanded Education Society, Nanded.

File Description	Documents
Paste link for additional information	https://sciencecollegenanded.org/admin.sciencecollegenanded.org/uploads/aqar/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_year2.pdf
Upload any additional information	**No File Uploaded**

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

16

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

35

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

3689

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

11

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

29

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	[View File](#)
Any additional information	**No File Uploaded**
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.

This year Institution has renovated Chemistry Lab, Two Physics Labs, College Canteen and Boy's Hostel. The college has adequate classrooms, ICT Halls, library with updated software, a Wi-Fi setup, a variety of software, Incubation Center, Language Lab with Orell Software, Career Guidance Cell, and Internet Resource Center services. All departments have well-equipped labs, storerooms, notice boards, and LCD projectors. Interactive boards, inverters, and generators are available in some departments. The Institute has recognized research centers in Botany, Mathematics, Chemistry, Physics and Zoology. Reading rooms, ICT resources and Tools, e-books, e-journals, and back volumes are available at the library. Researchers, college students, and students from other institutions have access to the Central Instrumentation Lab. There is availability of Vermi-composting Unit, Greenhouse, Plant Tissue Culture, Fish Pond, Medicinal Plant Garden, Botanical Gardens, and Biogas Unit. The Departments of Chemistry, Botany, Physics and Electronics, Zoology, Computer Science and Mathematics have PG Departmental Libraries, Department of Physics has Hobby Workshop. The Fishery Department has fish aquarium. The Mathematics Department has Mathematica and Mapple software. 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 ample sports, Games Gym, Yoga and Cultural facilities. This year college has constructed Lawn Tennis Play Court (120×60) in addition to previous facilities of 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 Tennis 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, Theraband, 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 states 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.

29

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

74.99

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 library enriched with books, reference books, magazines, e-books, etc. The library has two reading rooms. The college library is automated using integrated library management system. To manage the library effectively, the institute has Integrated Library Management System. 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. The library has E-Journals, DELNET, N-List (INFLIBNET) e-shodganga, e-shodsindhu, E-Books, Data base in DELNET, N-List (INFLIBNET). These software helpin 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-	**A. Any 4 or more of the above**

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)

1.91590

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

13

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

In this year college has established Digital Computer Lab sponsored by NASSCOM Foundation and collegehas added into IT

facilities like DELNET Library Software renewal, INFLIBNET N-List renewal and established separate wifi connection to Examination Office. The institution has been maintaining following facilities

1. Well equipped Internet Resource Center(IRC) with sixteen latest configured computers is well maintained.

2. A Language Lab with interactive board, Projector and Orell Software is 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 each, 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 departments.

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 ComputerLab 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

217

File Description	Documents
Upload any additional information	**No File Uploaded**
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)

71.72870

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 oversee purchasing, maintenance, and usage of physical, academic, and support resources. The committee is responsible for the upkeep of the labs, classrooms, library, canteen, NCC and NSS

Unit, and campus landscaping. A list of non-operational tools and equipment is compiled by all departments, and outside professionals repair it under the committee's guidance. HoDs planthe budgets of tools, equipment, glassware, chemicals, books, journals, computers maintainance and purchase of software, renovation and maintainance of classrooms,maintainance of play ground and indoor hall under sports complex, lab maintainance andlab renovations, library updatation and maintainancewhich is funded from the college budget. The institution provides budget for lighting, phone service, security guard salaries, office maintainance, travel expenses, and CCTV. Every department maintains a stock register, which is checked at the end of the year. New equipment is purchased using funds from DST-FIST and CPE to improve labs, classrooms, ICT centers, libraries, and other spaces. The canteen, NCC, NSS office, sports office, running track, and indoor sports hall are all funded by the college budget. S.R.T.M. University, Nanded provides funding to NSS for a range of extracurricular activities, including NSS camps. All maintenance related to computers, Wi-Fi, hardware, and software is done by the teachers in the computer science department. The committee oversees the upkeep and use of the physical academic and support facilities, including the lab, library, sports complex, computers, and classrooms.

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

1873

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

13

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

`1373`

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

`1373`

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	View File
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

51

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File
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

61

File Description	Documents
Upload supporting data for student/alumni	View File
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

15

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

39

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

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)

Our institute's student council is made up of representatives from NSS, athletics, NCC, and cultural activities, chosen based on merit. They help the college administration in maintaining decorum and order on campus. The Student Council participates 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) Anti ragging committee 16) Student Grievances Cell 17) Rally/ funds collection to flood/draught/disasters 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) Blood donation camp, 26) celebration of Independenceday, Republic day 26) Indian Science Congress 27) Lecture Series 28) Essay Writing and Poetry Writing Competition29) Power-point presentations 30)Anti ragging Committee 31)IQAC member 32)organizing seminars, workshops and conferences 33) Career Guidance and Placement

Activities 34)Farewell and Wel-Come Programmes 35) Gender Equity Activity 36) Best from Waste.

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

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

39

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

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

Aims and Goals for the year 2022-2023:

1. To make alumni expertise and experience available for the advancement of the college's

research and educational operations.

2. To provide deserving poor student help by charitable causes.

Alumni Association is working since 2004 and registered with the

Assistant Charity Commissioner office, Nanded Division Nanded on 04-08-2021. The association is also registered as "Society with Assistant Register of the society, Nanded Division, Nanded.

In the academic year (2022-23) alumni association has conducted the following activities

1. Departmental –Wise Alumni Meet Organized:

- Department of Botany, Microbiology and Biotechnology: Organized Alumni –Meet on 10th January 2023
- Department of Physics and Electronics: Organized Alumni –Meet on 30th January 2023
- Department of Zoology & Fishery Science: Organized Alumni –Meet on 04th February 2023
- Department of Computer Science, Information Technology& Statistics Alumni -Meet on 13th February 2023

2. Alumni Association Organized Annual Reunion -2023 –on 12th April 2023

3. Tree Plantations

4. Guest Lecture by Dr. Adinath Ingole, Former Vice-Principal Shri Guru Buddhisami College, Purna, Parbhani.

5. Scholarship awards for Meritorious/Needy Students: for department of Physics sponsored by Shri .Rajeshwarrao Raini

6. Publication of Annual quarterly magazine of Alumni Association "The Essence of Science" on D. 26/01/2023 and 01/05/2023.

Donation Towards Alumni Association

Donation of RCC garden benches and chairs to boy's hostel, Science College

Donation of Overhead Water Storage Tank for boys Hostel

Campus Placement Drive (Godavari Drugs) on 31st December 2022: was arranged by Alumnus.

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)	**D. 1 Lakhs - 3Lakhs**

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 governance, leadership and administration of institution are reflective of and in tune with the vision and mission statements of the college. The administration is smoothly conducted by the participation of the teaching and non-teaching staffs and their representative such as GC, CDC, IQAC, statutory and other committees of the college.

The vision and mission of Science College is reflected through the activities like

1. To launch newly designed, vocational programs in order to stay up with the rapidly changing requirements for 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.

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 throughprogrammes organized by college committees.

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, the institution is trying to admit quality students.

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

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

To facilitate efficient and effective college administration and decentralize the administration, the Nanded Education Society governing council appoints the Principal and Vice-Principal. Under the direction of the principal and the IQAC Coordinator, the institution has established a number of committees to aid in the administration and efficient operation of the academic programs. The college's principal oversees the administration of funds, institutional policies and plans, and departmental development and research. He also addresses a variety of topics with all the stakeholders. The Principal guides students during the orientation session at the start of the academic year and briefs the staff on the institute's policies.

1. Faculty Level Management: All the faculty members of the college are given responsibilities of different committees.

The conveners conduct academic curricular and extracurricular 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 representative on different committees according to their ability for 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 policy making of the institute.

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

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institute has devised its strategic and perspective plan keeping in line with its vision and mission. This plan is effectively devised by implementing various processes, strategies and activities. This year Research Committee has organized various worth mentioning programmes. Like every year, this year also the Ph.D. course work was organized by the Research Committee during March 20, 2023 to April 13, 2023. There were total 46 Participants from 05 different subjects allocated under 24 research guides, including 01 international student. During these 21 days, committee has organized more than 100 lecturesfor the completion of syllabus of three papers namely Research Methodology, Computer Application and Research Publication and Ethics. There were 27 faculty members and Scientists contributed for the course work from 10 different institutes of Maharashtra, 01 from Karnataka and 02 guests from USA. Apart from syllabus the committee hasorganized the lectures of best researchers to share their knowledge and experiencefor the motivation of our students. The committee has organized AVISHKAR Research Festival – 2023 Nanded District Level on 17/10/2022, One Day International Seminar on "Research Grants and Funding Opportunities" with Dr. Betsy Justus Briju, Ohio University, USA on D. 03/03/2023, One day informative seminar on funding for research projects in DBT on D.17/08/2022 and "Expanding the Professional Horizon: Career Counseling with Dr. D. P. Kothari" (Necessity of reading, research, consultancy and collaboration) on D. 07/12/2022 in collaboration with IQAC.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

In order to ensure effective and efficient administration, the college promotes a decentralized, participatory management strategy. The policies and procedures are implemented with input from the students, the Principal, Vice-Principal, GC, CDC, IQAC, department heads, teaching staff, conveners, and registrar which serve as guidelines for admission, campus discipline, research, the T-L process, stakeholder complaints, supportive services, exams, academic activities, finances, and administration. They coordinate and plan the extracurricular activities for both teachers and students. It is the HODs' responsibility to put all plans, policies, and procedures into effect in order to achieve the institution's stated objectives. The Principal, Vice Principal, IQAC Coordinator, and staff secretary, Convenersof each committee form the groupsfor the efficient operation.According to the instructions given by the Principal, the convener of each committee runs meetings and carries out various tasks. The administrative structure is strong and capable of carrying out the institution's vision and mission. The college adheres fully to the CAS and UGC norms for promotion and selecting the teaching staff. The appointment of teaching and non-teaching staff completed as per the rules and regulations of UGC and Govt. of Maharashtra.

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/admin.sciencecollegenanded.org/uploads/aqar/6_2_2_Institutional_Organogram1.pdf
Upload any additional information	View File

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	View File
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 offers caring programs and welfare benefits to both teaching and non-teaching staff. It offers plenty of chances for staff members' academic and professional growth. The management gives its staff members the tools they need to reach their full potential and guarantees their well-being. The college provides health and financial security for its staff members.

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 on the basis ofAPI and PBAS.

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 are organizedfor 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

4

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

6

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	**No File Uploaded**
Reports of Academic Staff College or similar centers	**No File Uploaded**
Upload any additional information	View File
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

7

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	[View File](#)
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)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 and annual performance appraisal.

File Description	Documents
Paste link for additional information	https://sciencecollegenanded.org/admin.sciencecollegenanded.org/uploads/aqar/6_3_5_Institutions_Performance_Appraisal_System_for_teaching_and_non-teaching_staff_.pdf
Upload any additional information	**No File Uploaded**

6.4 - Financial Management and Resource Mobilization

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

Science College conducts internal and external financial audits regularly. Internal and external audits are done by the Auditor appointedby the institute annually. The yearly budget allocation and routine expenditure, minor project and grants received from different funding agencies,financial allocation of various departments are thoroughly audited by the audit committee. The government recognized auditor Shri. Shyam Gandewar conducts financial internal and external audit every year with the co-operation of Office Superintendent and account staff. The college has yearly audited statements which are used for various purposes. The audit reports are placed and approved by the College Development Committee (CDC) and the Governing Council.

The procedure for audits is as follows:

- **As every financial Year closes on 31st March, the Financial Report is prepared and audited by the internal auditor.**
- **Annually, the internal auditor has done the Internal Audit and prepared 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 has done the scrutiny of the report and found 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)

31.11

File Description	Documents
Annual statements of accounts	[View File](#)
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

1. **Science College Nanded is grant-in-aid institute which is included under sections 2f and 12B Act 1956 of University Grants Commission, New Delhi. Therefore it is completely eligible to receive the grants from various schemes of UGC, New Delhi DBT, DST and the State Government. Apart from that, the college mobilizes funds from other agencies like Govt. of Maharashtra, the university, alumni, philanthropists, individuals and students, etc. the funds are mobilized from different government and non government organizations viz. Funds from UGC Schemes, Funds from State Government, Scholarship Grants from Central and State Government, Admission and Examination Fees, Individual donors, Alumni, UGC CPE, DST-FIST and Income from Consultancy.**
2. **Optimal Utilization of resources:**

Academic and infrastructural resources are optimally utilized. Fees received from students are used for development of the college, non-grant faculty and staff salaries, students'

activities and are properly audited. Funds are utilized for Building maintenance, lab upgradation and renovation of The college academic work is in three shifts. The infrastructural facilities like auditorium, seminar hall, open theatre, college ground, sports indoor hall, Gym, running track facilities are given to Government, Non-government and Social organizations to conduct various events. The classrooms are provided to conduct various government and non-government competitive examinations. Central Instrumentation Lab is used for providing consultancy services to researchers. The Internet Resource Center is utilized for training programmes and career guidance cell for preparation of competitive examinations.

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

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

- **IQAC has developed the system to collect the timely large data from various stakeholders such as faculty, students, departments, committees and management and used the robust software solutions to analyze collected data and to generate reports. This resulted into getting the required information at the click of a button.**
- **Conducted departmental meetings to give suggestions for making the TL process more participative by adopting various methods, techniques and technology.**
- **Preparation of online Stakeholders' feedback report, Student Satisfaction Survey report, PO, CO Attainment Report, Action Taken Report, Result Analysis, generating various reports, internal external audits,etc.**
- **Participation in NIRF and ISO Certification, energy, green and environment audit**
- **IQAC motivated to conduct Alumni Reunion on D. 12/04/2023 and departmental Alumni Meets.**
- **Promoted research eco-system in the institute through organizing AVISHKAR-2023 Research Festival, seminars on IPR, guest lectures, conferences and workshops.**
- **Encouraged departments to undergo MoUs and keep it functional.**

- **Institutional Training Programme on Topic: Energy Sources for Sustainable Development on D. 26/12/2022**
- **IQAC organized Workshops, Guest Lecture, Career Development Programme, State Level Debate Competition, Health and Wealth Awareness Programme.**
- **Collaborative quality initiatives with other institution.**
- **Quality audit recognized by state, national or international agencies (ISO Certification)**

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

In the Orientation Programme, newly admitted students are made aware of the teaching learning process, the system of continuous evaluation, compulsory core courses, various co-curricular activities, and code of conduct and culture of the Institute. The Feedback from students is also taken of teachers and their respective courses, by the IQAC.

The robust IQAC reviews and proceeds for the improvement of the quality of the TL process through feedbacks of attainment of PO, CO and PSOs and feedback of student satisfaction survey at periodic intervals. It conducts departmental meetings to advocate plans for successful implementation of curricular, co-curricular and extra-curricular activities. The Feedback is collected by the feedback committee and properly analyzed and shared with the IQAC, 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**
- **Internal and University Examinations**
- **Online Stakeholders' feedback, SSS, PO, CO Attainment, Action Taken.**
- **Organizations of various extension activities**
- **Application for NIRF, ISO, CPE status, DST-FIST.**
- **Submitted proposal to NCW, FIST-Project (Level-B) .**

- **Departmental meetings were conducted by IQAC Committee to discuss academic and administrative status of all departments. The Committee guided departments to plan and execute various curricular, co-curricular and extra-curricular activities and verified all the NAAC related documents and necessary suggestions were given to fulfill some required documents.**

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/assets/pdf/special_features/Shabdashilpa-22-23.pdf
Upload e-copies of the accreditations and certifications	[View File](#)
Upload any additional information	[View File](#)
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

The college has co-education and each year, more girls than boys

are admitted to the UG, PG and Ph.D. programmes. It illustrates how the college provides a "safe and secure" environment for female students. The institution has initiated measures for the promotion of gender equity during the year. 1. The Campus Cleaning Activity on the occasion of Women's Day Celebration 08/03/2023,2. Guest lecture on Importance of Women's Education on the occasion of Mahatma Jyotiba Phule Jayanti Celebration, 11/04/2022, 3. World AIDS Public Awareness Day Celebration- 01/12/2022, 4. Health checkup and assignment under "Mother Safe to Home Safe Campaign"- 15/10/2022, 5. Seven-Day Special Annual NSS Camp at Lal Bahadur Shastri Vidyalaya, Nila, Dist. Nanded- 15/01/2023 to 21/01/2023, 6. Women Entrepreneurship Development Programme- 04/02/2023,7. Special Guest Lecture Series on Women Empowerment in NSS Camp-Guest Lecture on Personality Development by Dr. Vibhati Kulkarni, Guest Lecture on Women Empowerment by Dr. V. R. Rajewar, Guest Lecture on Computer Literacy by Dr. S. S. Modi, Guest Lecture on Child Marriage Prevention Act by Dr. Rekha Wadekar, Guest Lecture on Kitchen Gardening by Dr. P.S. Borkar. Various Competitions were organized for girls-Healthy Recipe Competition, Painting Competition, Rangoli Competition, Singing Competition, Dancing Competition, Fashion Glam-up Show Competition and Best from Waste Competition.

File Description	Documents
Annual gender sensitization action plan	https://sciencecollegenanded.org/admin.sciencecollegenanded.org/uploads/aqar/7_1_1_Gender_Equity_2021-20221.pdf
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/admin.sciencecollegenanded.org/uploads/aqar/7_1_1_Measures_initiated_by_the_Institution_for_the_promotion_of_gender_equity_during_the_year1.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	No File Uploaded

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 has undertaken various practices in the college to manage Solid waste, Liquid Waste, Electronic Waste in the college.

- **Solid Waste Management: Eco-friendly Committee has organized programme 'Plastic Free Campus in that a poster is inaugurated and posted at the prominent place at the college and conducted 'The Best from Waste State Level Competition' to motivate students' for solid waste management. The Eco-friendly Committee ensures the proper disposal of waste from canteen and hostel, mess food waste and water waste, disposable bio-hazardous waste, disposal of paper waste, disposal of garden waste and other e-waste. The garbage bins are placed at various places on the college campus. The college has practice to reuse one sided printed paper for internal communication. Students are instructed to keep campus clean by conducting cleanliness campaign. Garden and other waste are composted in the form of vermi compost by the committee.**
- **Liquid Waste Management: Waste water recycling system: Waste water coming out of the RO (Reverse Osmosis) system is collected in water tank and reused in watering the gardens on campus.**
- **E-waste: The College has location for collection and disposable center for paper waste and E-waste.**
- **For bio-degradable waste bio-gas plant is maintained at campus.**
- **Hazardous chemicals generated from chemistry department are discharged into the waste pipeline attached to drainage pipeline of muncipal corporation.**

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
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:

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	View File
Various policy documents / decisions circulated for implementation	No File Uploaded
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 — A. Any 4 or all of the above

following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities	

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	**No File Uploaded**

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 cultures 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 the 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 celebrating 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)	[View File](#)
Any other relevant information	No File Uploaded

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

The college has been preserving 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, National Anthem. Through the various activities and programmes conducted by NSS and NCC the college promotes nationalism, unity and integrity in India and

render national service when called upon to do so. This year college has conducted Azadi ka Amrut Mohotsav and Science Exhibition. "Tiranga Distribution Rally" &" Awareness Rally", "SHAHIDO KO NAMAN" Program, Organization of guest lecture on new educational policy, Organization of Aadhaar card link workshop, Rasta Suraksha Abhiyan 2022 Workshop (Road Safety Campaign), Health checkup and awareness under "Mother Safe to Home Safe Campaign" promotes harmony.The college promotes the spirit of common brotherhood amongst all the stakeholdersofreligious, linguistic, and regional or sectional diversities and renounce practices derogatory to the dignity of Women.The College is well-known for its practices for environment protection.The natural environment including woods, fruit gardens, floral gardens, medicinal and botanical garden. As a responsible citizens college has preparedpigeon wooden shelters for safe living of pigeon on the campus.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://sciencecollegenanded.org/admin.sciencecollegenanded.org/uploads/aqar/7_1_9_-_Sensitization_of_students_and_employees_of_the_Institution_to_the_constitutional_obligations_values,_rights,_duties_and_responsibilities_of_citizens_(2).pdf
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 observes and commemorates academic, governmental, and cultural festivals and days of remembrance. The college encourages eco-friendly Holi and Diwali celebrations. Students also deliver messages for anti-addiction as part of the celebration of the new year (drink Milk and say no to Wine). Days that are observed and memorialized by the institution:

- 1 May: Maharashtra Din and Shramik Din
- 21 June: International Yoga Day
- 25 June: Rajarashi Shahu Maharaj Jayanti
- 23 July: Bal Gangadhar Tilak Jayanti
- 1 August: Anna Bhau Sathe and Lokmanya Tilak Jayanti
- 2 August: Rajeev Gandhi Jayanti (Sadbhavana Diwas)
- 16 September: International Ozone Day
- 17 September: Hyderabad Mukti-Sangram
- 14 September: National Hindi Day
- 2 October: Mahatma Gandhi Jayanti
- 3 October: Swami Ramanand Teerth Jayanti (Blood Donation Camp)
- 14 November: Pandit Jawaharlal Jayanti
- 26 November: Indian Constitution Day
- 27 December: Dr. Panjabrao Deshmukh Jayanti
- 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: Chatrapati Shivaji Maharaj Jayanti
- 23 February: Sant 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)	View File
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.

Two Best Practices

1. Science Exhibition for school and college students

The institute aims to provide platform for presentation of innovative ideas, research interest and scientific skills among school and college students. In the context to popularize science among the stakeholders and to honor the memory of C.V. Raman, the College observes his birthday 28th February as National Science Day and celebrates this day every year by organizing science exhibition. In the practice students present their innovations and ideas in the various subjects with the help of posters,models,computers and LCD projectors. The evidence of success is that 147 students are benefitted by the talks of the eminent faculty and the event. Due to huge response of the students it was difficult to manage the event even then the exhibition was made successful. The required resources were faculty,judges, guides,equipments, audio-visual aids,auditorium,etc.

2.Guidance for Preparation of NET/SET/GATE/PET Examination

With objectives to prepare students for NET/SET/GATE/PET fellowships and job opportunities. In the context as per the need and demand of students the classes for NET/SET/GATE/PET examination are conducted every year. The committee plans structured time table for these classes. The workshops are organized for preparation. 580 students are benefitted and 78

students qualified NET/SET/GATE/PET examinations. The students who qualified for NET-JRF qualified students joined as research fellow. The problem is vast syllabus and less time for preparation. It required resource persons,books,study material,lecture hall,audio-visual aids.

File Description	Documents
Best practices in the Institutional website	https://sciencecollegenanded.org/admin.sciencecollegenanded.org/uploads/aqar/7_2_1_Describe_two_best_practices_successfully_implemented_by_the_Institution_as_per_NAAC_format_provided_in_the_Manual_(2).pdf
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

Our institute has Central Instrumentation lab with equipments like HPTLC and FTIR through which consultancy services are provided to the PG and research students. The career guidance and placement cell trained the students to get jobs through campus interviews, the departments have conducted 07 certificate courses in different subjects. The college has eco-friendly committee to conduct eco-friendly activities. We have established vermi-compost unit, bio-gas unit, green house, botanical garden, medicinal plant garden. We have taken care of the environmental issues by establishing solar energy panels and also the rain water harvesting projects. Solid and Liquid Waste Management system is properly implemented. The college alumni have contributed for the development of the college. N.C.C and N.S.S. units are the best units in this University jurisdiction and received various awards. The other facilities available on the campus are Smart Classrooms, RO filtered Water System, Fish-tank, Internet Resource Centre, Language lab, Digital Computer Lab, and WiFi Campus. The sports facility includes 400 meter running track and sport indoor hall with four wooden court.

The unique activities in the college are testing of soil and analysis and production of Mycorrhizal biofertilizers for the farmers of this region which helps in the improvement of soil for more crop production. The soil testing and analysis done on the

field as well as in the Agro Chemicals and Fertilizers lab. The Mycorrhizal biofertilizers are prepared in the college campus and provided to the farmers free of cost by organizing farmers meet.

File Description	Documents
Appropriate web in the Institutional website	[View File](#)
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

Plan of action for next year

- To prepare and submit Self Study Report (SSR)
- To increase the number of smart classrooms
- To submit the proposal under PM-USHA
- To submit proposal of major and minor research project various funding agencies
- To submit proposal to receive grants for infrastructure and lab equipments augmentation
- To organize Hands on Training Programme for teaching and non-teaching staff
- To organize national seminars and workshops on curriculum
- To organize national and international seminars/workshops/conferences by the departments.
- To arrange Faculty Development Programme
- To organize seminar/workshop on IPR and Research Methodology
- To organize cultural programmes for students and faculty
- To organize campus interview for placement in industries
- To organize health camp
- To organize entrepreneurship programme for faculty and students
- To organize career oriented programmes for students
- To introduce certificate/diploma courses in each subjects
- To organize programmes on social responsibilities and extensions
- To organize farmer meets
- To promote departments to sign MoUs and Linkages with other HEIs, Industries and NGOs
- To update and expand central instrumentation lab
- To plan for construction of separate main library building