SELF STUDY REPORT

FOR

4th CYCLE OF ACCREDITATION

SCIENCE COLLEGE

POST BOX NO. 62, SNEH NAGAR, NANDED
431605
www.sciencecollegenanded.org

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Nanded Education Society, Nanded is founded by Poojya Swami Ramanand Teerth a Great visionary and leader of Hyderabad Liberation movement in 1950. Initially, Peoples College was established for catering education in Arts and Commerce. Later, Science College was bifurcated in June 1963 as "Science College, Nanded".

The college has been accredited by NAAC with 'A' grade in 3rd cycle with CGPA 3.38. The college is supported by DST for FIST. The UGC has recognized our college as a "College with Potential for Excellence". The college has secured NIRF Ranking 72 in 2017 and Best College Award by Swami Ramanand Teerth Marathwada University, Nanded in 2021.

Beginning from a mere 05 undergraduate programmes, the college has expanded to an impressive 15 UG, 12 PG, 05 Research programs, 32 Certificate courses, 03 Bridge courses, 02-Diploma Courses to 3738 students across the Marathwada region.

The students have the luxury of spending time with their peers in the lush green lawn, and canteen in the campus. Well-equipped and excellent quality hostel facilities are provided to students within the campus area. The state of the art International level Sports infrastructure and sports facilities with 400 meters running track, sports indoor hall and tennis court are provided to the students.

College is "No plastic" and "Zero waste" campus with strong emphasis on best practices of sustainability. The College has taken Initiatives towards environment consciousness including Vermi-compost, Biogas production, Rainwater Harvesting Unit, Percolation Tank, Medicinal Plan Garden, Ornamental Garden, Bio-Diversity Park, Botanical Garden, Green House, Seismic center, Fish Tank, Farming Pond, Bird Paradise, Roof top Solar energy plant to meet the institution's energy needs, Biological Museum, Geology Museum, Hobby Workshop, Recycling of waste water and management, Amphitheatre and safe and green zone for girl students. The College takes pride in its diverse setup of extra-curricular with the help of various committees.

IQAC has been fully active and shoulder its responsibility as a catalyst for the infusion of quality culture through innovative strategies based upon stakeholders' feedback and also dynamics of the external environment.

Vision

VISION

"To educate and transform the students to touch life at all points with human values".

Mission

MISSION

The aims and objectives as envisaged in the memorandum of association of Nanded Education Society, Nanded as adopted in the year 1950 reads as under:

The aims and objects of the society shall be to start and takeover educational institutions and to supplement the educational endeavors of the Maharashtra state by imparting to the youths of this state generally and Marathwada particularly, an efficient primary, secondary, technical and university education, with a view to infusing in them the spirit of enlightened and responsible citizenship, worthy of a secular, democratic state. To this end the society shall open and take over institutions and shall take other steps as may be most conducive to the attainment of the aims and objects.

To provide higher education to the youths of backward region of Marathwada in particular and Maharashtra in general.

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

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

Strength

- Situated at the heart of the city in 45 acres with supportive infrastructure, well-resourced laboratories.
- NAAC accredited since 2004, with Grade 'A' in its 3rd cycle
- Recognized as College with Potential for Excellence status (CPE) by UGC.
- The first Science College in the region to receive NiRF-72 from Human resource Development MinistryGovt of India
- Supported by DST, Govt. of India under FIST program.These funds for strengthening UG Science departments have helped in improving the physical facilities
- Best College award by Swami Ramanand Teerth Marathwada University Nanded.
- Imparting quality education to all since last 60 years.
- Digitilization of administrative and academic work and ICT based teaching and learning
- Comprehensive use of ICT by teaching faculty makes learning a joyful experience.
- Progressive, proactive and highly supportive management with high academic and interest in social responsibility

- Students secure University ranks every year.
- Proactive, qualified, experienced, competent, Dedicated and committed facultywith diverse research interests.
- Quality Research papers are published in peer reviewed, UGC approved journals by the faculty
- Productive research centres for research scholars in and around the college therefore 61 Ph.D.s are awarded during the last five years
- Facility of Central Instrumentation lab(CIB) available for research & consultancy.
- 7 Patents granted to some of the faculty members.
- Academic and Administrative Audit by SRTM University Nanded scored 95.50 %
- The institution offered 32 certificate courses, 3 bridge courses and 1 diploma course in the last five years.
- Well-developed ICT based facilities i.e. Computers, LMS, LCD projectors, Smart boards, Plasma TVs,Laptops.
- Internet facility with more than 500 mbps speed
- A robust Mentor-Mentee system.
- Noteworthy 48 active collaborations and MoUs.
- Placement cell with significant campus placement records.
- Active NSS and NCC units received state level award
- Secure & safe environment for girl students.
- Well established library automated with SOUL 3.0 software and equipped with online resources (NLIST,DELNET)
- Adequate sports facilities for indoor and outdoor games & well equipped gymnasium.
- Registered Proactive Alumni Association.
- Emphasis on holistic development, social commitment and environmental consciousness.
- Well developed and Green Campus with rich in Bio-diversity.
- Conduct of Green ,Energy, Environment, Academic and Administrative Audit.
- Eco-friendly campus with rain water-harvesting, energy conservation, waste management mechanism

Institutional Weakness

Weakness

- Dependency on the affiliating home University for curriculum designing, modification, programme outcomes and course outcomes
- Collaborative research with National and International institution are to be carried out
- Delay in getting Government approval for filling up the vacancies for faculty
- Less number of students from other states and other countries
- Economically weaker background of students limits us to offer Add on and Career Oriented Programmes.
- Poor socio economic background of students , a hindrance to pursue higher education
- Inadequate scholarship from the government for the SC, ST and underprivileged category students
- Limited research grants from Government / Non-Government funding agencies.
- Limited revenue generation through research and consultancy work.
- Vacant teaching and non-teaching posts due to State Governments recruitment policy that createsadditional burden on existing staff.
- Limitation for strengthening academia-industry linkages.

Institutional Opportunity

Opportunities

- To design and implement additional social outreach programmes
- To streamline and strengthen various research activities through MoUs and collaborations
- To nurture global competency among students
- Offer courses in MOOC by developing e-content and E-content development by faculty for national level MOOCs.
- To establish more number of linkages and collaborations
- To update incubation centre to promote entrepreneurial activities in the college
- Expand partnerships and engagement opportunities with industries and corporates for Consultancy services
- Collaboration with more number of national and international academia and industry
- Introduction of job oriented and post-doctoral programs.
- To apply for various schemes of National funding agencies to develop infrastructure and instrumentation.
- To become a Deemed to be University / a degree awarding college
- Create ecosystem for promoting start-ups
- Potential to introduce interdisciplinary courses and programs under NEP2020.

Institutional Challenge

Challenges

- Effective implementation NEP-2020
- Competition from other higher education institutions
- Keeping pace with fast changing global scenario
- To train the rural students to meet global challenges
- Maintaining good placement record of students
- Keeping pace with the rapid changes in higher education.
- Generation of resources for up gradation of infrastructure.
- Develop communication skills in rural and first generation students
- Mushroom growth of PG courses in other neighborhood institutions
- Build strong alumni network globally

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The College is affiliated to Swami Ramanad Teerth Marathwada University Nanded and meticulously follows the curriculum prescribed by the University. These are operationalized keeping in mind the vision and Mission of the Institution.The faculty members have represented on the various Boards of Studies of this University. The college offers 15 UG, 12 PG and 5 Ph.D. Programmes.

In tune with the decisions of the UGC and University the Institution has introduced the Choice Based Credit System (CBCS) UG and PG programmes from the academic year 2020-21.The Board of Studies of the respective subjects revised and updated the syllabus periodically. While revision of the curriculum, the latest development in the subject and the feedback received from all the stakeholders are considered. Academic flexibility is provided through CBCS courses in undergraduate and post-graduation programs. Continues Internal Evaluation through the Unit test, Assignments, Seminars, Presentations for experiential learning.

The curriculum is enriched through various Value-added and Certificate courses which serve to enhance the knowledge and skills of students. 45% students are admitted to value,certificate and add on added courses. 03 bridge courses ,32 certificate courses ,02 diploma courses and 01 innovative programme of M.Sc. Herbal Medicine have been offered which focus on knowledge, skill development and employability updation and industry-interface link with social relevance.

Field visits and study tours are regularly organized by the departments, more than 35% students undertaking project work/field work/internship. Students are encouraged to participate in various events, workshops and seminars on the campus and off the campus which expands their intellectual horizons, develop relevant competencies and also sensitize them about issues related to gender equity, human values, professional ethics and environmental sustainability.

All cross cutting issues such as human values,professional ethics, gender sensitization and environment sustainability have been integrated in the curriculum.Stakeholder's feedback system is effectively implemented.

Feedback is an integral component of effective learning. It's an opportunity to get things out in the open so that issues can be resolved. The Institution has developed a robust feedback system through which inputs are gathered from various stakeholders such as students, teachers, employers and alumni.

Teaching-learning and Evaluation

The Institution has a transparent admission process in adherence to the guidelines of the affiliating University and the Government of Maharashtra catering to students from diverse academic and economic backgrounds and locales. More than 80% students enrolment and more than 80% students from SC, ST, OBC and economically weaker sections are admitted to the Institution in fairly large numbers.

Due attention is paid to the differing needs of advanced and slow learners. Also, the special needs of the students are appropriately taken care of.

Besides the conventional lecture methods, the pedagogy is supported with ICT enabled teaching learning process, like PPT presentations, E-content, Sharing of notes and materials through Google Classroom,Whatsapp to aid the content delivery process. The teachers also use the student centric methods like group discussions, quizzes, assignments, classroom seminar presentations, study tours and field visits to encourage interactive and experiential learning.

The Institution has a healthy student-teacher ratio of 27:1. 89.88% of full time teachers against sanctioned posts being filled by government and Management. More than 79% of full time teacher are qualified NET/SET/Ph.D.

The teaching learning process is goal based which clearly state CO's, PSO'sand PO's which are

communicated to the students and displayed on the Institutional website.

The Institution has adopted a robust CIE system. Results are declared in timely by the University. Exam related grievances are promptly addressed by means of transparent and efficient mechanism.

Research, Innovations and Extension

A research culture is cultivated among faculty and students forenriching and enhancing professional competency. Researchers are encouraged to undertake socially relevant innovative research. With quality research output, reputed journals with high Impact Factor (IF), Scopus indexed, Web of Science, ICI and UGC approved journals served as platforms for sharing the research findings.

363 research papers were published in UGC carelisted, Scopus indexed journals, Web of Science and Elsevier, Springer, and in Indian Citation Index proving the quality of research work. The College has organized a number of seminars and workshops. The faculty members have written 52 books and have contributed and the significant number of chapters in books with ISBN/ISSN.

The college is highly active in conducting extension activities under Swami Ramanand Teerth Marathwada University Nanded jurisdiction. Nearly 89 extension and outreach programmes were organized by NSS, NCC and various college committees. It includes community development, communal harmony, environment, water conservation, health-hygiene and awareness programs.Blood Donation, Village Adoption, Swachh Bharat Abhiyan, Prevention of Tobacco smoking,Antisuperstition,Voters awareness programme,Cyber security programme,Fish exhibion,Farmers meet,Jwellery making competition for girls students,Cake making and icing for women,Competition on GeetaAdhayPathan for school students,Organ Donation workshop ,Science exhibition,state level competition on best from waste project, Birds photography exhibition, Snake poster presentation,Anti-addiction campaign, Water harvesting,Women empowerment, EcofriendlyHoli, Projects competition for school students in collaboration with Bhatiya Bal Vidyan Parishad. The institute has collborations/linkages for research, faculty exchange and on job training with other institutes.

Infrastructure and Learning Resources

During the last five years, an addition of 2406 books costing 14 lakhs have been procured, The college has one boys hostel and one Womens hostel. The Zoology museum has a rich collection of specimens and the Botany Museum which has rich collection of plants specimens. The college has 1 seminar hall, an open Amphitheatre and a closed auditorium, and a placement cell. The college has facilities for indoor games, gymnasium, two vehicle parking stands, canteen, mess, Medicinal plant garden,Botanical garden , a play ground with- 400 meters-athletic track, sports indoor hall with four wooden courts, one Vermicompost unit, 2 Compost pits, 1 Biogas plant, one green house,Fish tank, Rainwater harvesting structures and,liquid waste management system, RO water drinking facility, Solar power panel (05KW), CCTV cameras,photocopier,Offset printers and central instrumentation facility.Computer labs, Digital Computer lab and Internet Resource centre, Language lab. Other common facilities include staff room,multimedia learning hall, and internet connectivity with 500 mbps bandwidth is provided. Various software are provided for effective teaching learning. 7:1 is the student computer ratio. 25% of expenditure excluding salary for infrastructure development and 80% of expenditure incurred on maintainence of infrastructure.

The department of language has established a language laboratory in order to help students to improve their

communication skill. The budget allocation has adequately been utilized for the maintenance and repair of laboratory equipments and renovations of laboratory .

The institution has made provision of NLIST- INFLIBNET and DELNET facility with E-Books and E-Journals. The library is fully computerized with SOUL 3.0 and applications of barcode technology. The students have an access through OPAC (Online public Access Catalogue).

Student Support and Progression

The college has a strong student support system to develop leadership skills, competitive spirit, achieve academic excellence, provide opportunity for training and placement in addition to financial support in the form of scholarship. It also takes care of the wellbeing of students through programmes on health, hygiene, yoga and physical fitness.

The college conducts regular classes for NET, SET, and other competitive examinations through Career Guidance, Placement Cell and NET/SET coaching centre. In the last five years, 117 students have cleared NET/SET examination.

Students secured merit position in the University examinations. Students' progression rate in higher education is above 60%. The college has NSS and NCC Units for girls and boys. Along with its regular activities, the NSS unit conducts special camps for Tree Plantation, Cleanliness Drive, Water Conservation, Blood Donation and social awareness.Students participated in the University Research festival-'Avishkar'. Students bagged prizes in state and regional level Debate and Elocution competitions. Students actively participated in seminars, conferences and received research awards for paper and poster presentation.

The facilities are made available to the students who belong to SC, ST, OBC, economically weaker sections and differently abled. The institution also encourages the scholarships for deserving and meritorious students. In an attempt to enhance the capabilities of students, qualified counsellors are available on the campus to provide personal counseling.

Students have participated in cultural and sports activities. Overall 161 students have won medals and awards in Inter-University, State, National and International events. 13.7 % students qualified State/National level examinationTraining, Internship and Placement Centre of the college has guided students for competitive examination 139 students have been placed in industries, educational institute and government institutes during the last five years. 1366 students are pursuing higher studies. Anti Sexual Harassment Cell monitors sexual harassment at work place. Grievance Redressal Cell and Anti-Ragging Committee are constituted as per State Government and University directives.

Governance, Leadership and Management

The college has a culture of participative management through decentralization of work. The college prepares a perspective plan for teaching-learning, research, extension, extracurricular and co-curricular activities. Internal organizational structure and decision making process is undertaken by CDC, IQAC, College Council and Heads of the Departments.

The college implement e-governance in the area of administration, finance and accounts, students admissions

and examinations. More than 64% of teaching and non-teaching staff have participated in faculty development programmes, professional development programmes and training programmes.

PBAS forms are considered for faculty's assessment and career advancement. The financial budget is prepared and approved in CDC. Financial audit is conducted by internal and external agencies.

Audited statements are prepared by Chartered Accountant. The IQAC is functional, having the members from management, teachers, students, non-teaching staff, external experts and alumni. The academic audit is conducted on regular basis.

The institution has a vibrant Internal Quality Assurance Cell (IQAC) as it is formulated according to the guidelines given by the NAAC, which monitors the overall functioning of the institution. IQAC conducted its meeting regularly and most of the resolutions are implemented. Through its varied initiatives, it strives to continually improve the functioning of the institution in order to ensure that the education imparted complies with accepted, and high, standards of quality. Experts, students and alumni are also contributing their great deal for effective functioning of IQAC as its members. Institution has formulated different committees for quality assurance of academic and administrative activities with the integrated framework. The executive members of the governing body, the principal and the faculty members have an active participation in College Development Committee (CDC) and IQAC.

Institutional Values and Best Practices

The college has established an integrated sustainable waste management approach to minimise solid, liquid, biomedical, e-waste and hazardous chemicals. The institution regularly organizes programmes in order to inculcate and foster gender equity and sensitivity. Several measures are implemented to ensure safety and security on campus. The institution uses energy conservation measures like use of LED bulbs in the campus and use of solar lights outside the blocks which are time sensor based. The rainwater harvesting unit in the campus increases ground water table by which two bore wells in the college garden are always recharged, which maintains greenery throughout the year.

Water conservation facilities are available in the institution. Use of renewable energy, water harvesting, check dam construction in the villages adopted by NSS unit, efforts for carbon neutrality, plantation and waste management are undertaken. Value based programmes are conducted to sensitize students and employees to the constitutional obligations. Efforts are taken to keep the campus green and clean by carrying out environmental promotion activities. Various initiatives are taken by the institution for the management of various types of degredable and non-degredable waste by the use of vermi compost unit and bio-gas unit, water conservation through percolation tank and roof water harvesting, green campus initiatives by maintaning lush green garden and disabled friendly campus.

The college is disctinctive for its adoption of school and village.

Village Adoption-

Nila Village is adopted by college for undertaking various progressive activities. The college has conducted NSS annual camps and various projects at Nila Village like soil testing camp for farmers, women empowerment programmes, girls activities, blood donation, camps, training for kitchen garden, programme for adult education.

School Adoption-

Peoples High School Nanded is adopted by Science College, Nanded more than 10 years for educational and physical support. The Science College has provided 41 dual desks for classrooms, 25 chairs for teaching staff, supported for renovation school building, instruments and chemicals provided for experiments. Uniforms, books and stationary are provided time to time.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	SCIENCE COLLEGE
Address	Post Box No. 62, Sneh Nagar, Nanded
City	Nanded
State	Maharashtra
Pin	431605
Website	www.sciencecollegenanded.org

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	D. U. Gawai	02462-250465	9420538667	-	principal@sciencecollegennd.org
IQAC / CIQA coordinator	Vibhati V. Kulkarni	02462-251648	9850353799	-	sciencecollege1950@gmail.com

Status of the Institution	
Institution Status	Grant-in-aid

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details

State	University name	Document
Maharashtra	Swami Ramanand Teerth Marathwada University	View Document

Details of UGC recognition		
Under Section	**Date**	**View Document**
2f of UGC	16-11-2011	View Document
12B of UGC	16-11-2011	View Document

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)				
Statutory Regulatory Authority	**Recognition/Approval details Institution/Department programme**	**Day,Month and year(dd-mm-yyyy)**	**Validity in months**	**Remarks**
No contents				

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	Yes
If yes, date of recognition?	09-01-2017
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	**Address**	**Location***	**Campus Area in Acres**	**Built up Area in sq.mts.**
Main campus area	Post Box No. 62, Sneh Nagar, Nanded	Urban	45	30780.39

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme	**Name of Pro**	**Duration in**	**Entry**	**Medium of**	**Sanctioned**	**No.of**

Level	gramme/Course	Months	Qualification	Instruction	Strength	Students Admitted
UG	BSc,Department Of Botany Microbiology And Biotechnology,Biotechnology Integrated	36	XII	English	240	6
UG	BSc,Bsc General,Chem Bot Zoo Phy Maths Elec Geo Stat CS AGM AGF AC Fishery Micro	36	XII	English	860	535
PG	MSc,Department Of Chemistry Agro Chem And Fertilizers Analytical Chemistry,Analytical Chemistry	24	B.Sc.	English	60	42
PG	MSc,Department Of Chemistry Agro Chem And Fertilizers Analytical Chemistry,Organic Chemistry	24	B.Sc.	English	60	30
PG	MSc,Department Of Botany Microbiology And Biotechnology,Botan	24	B.Sc.	English	60	43

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PG	MSc,Department Of Botany Microbiology And Biotechnology,Biotechnology	24	B.Sc.	English	60	15
PG	MSc,Department Of Botany Microbiology And Biotechnology,Microbiology	24	B.Sc.	English	60	39
PG	MSc,Department Of Botany Microbiology And Biotechnology,Herbal Medicine	24	B.Sc.	English	40	7
PG	MSc,Department Of Zoology,Zoology	24	B.Sc.	English	63	56
PG	MSc,Department Of Physics And Electronics,Physics	24	B.Sc.	English	60	42
PG	MSc,Department Of Mathematics And Applied Mathematics, Applied Mathematics	24	B.Sc.	English	60	2
PG	MSc,Department Of Mathematics And Applied Mathematics, Mathematics	24	B.Sc.	English	160	72

PG	MSc,Department Of Statistics,Statistics	24	B.Sc.	English	60	7
PG	MSc,Department Of Computer Science,Computer Science	24	B.Sc.	English	60	31
Doctoral (Ph.D)	PhD or DPhil ,Department Of Chemistry Agro Chem And Fertilizers Analytical Chemistry,Chemistry	36	M.Sc.	English	46	0
Doctoral (Ph.D)	PhD or DPhil ,Department Of Botany Microbiology And Biotechnology,Botany	36	M.Sc.	English	84	3
Doctoral (Ph.D)	PhD or DPhil ,Department Of Zoology, Zoology	36	M.Sc.	English	78	8
Doctoral (Ph.D)	PhD or DPhil ,Department Of Physics And Electronics,Physics	36	M.Sc.	English	42	3
Doctoral (Ph.D)	PhD or DPhil ,Department Of Mathematics And Applied Mathematics, Mathematics	36	M.Sc.	English	50	0

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	9				4				46			
Recruited	7	2	0	9	4	0	0	4	18	4	0	22
Yet to Recruit	0				0				24			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				45			
Recruited	0	0	0	0	0	0	0	0	34	0	0	34
Yet to Recruit	0				0				11			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				70
Recruited	45	5	0	50
Yet to Recruit				20
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				12
Recruited	8	0	0	8
Yet to Recruit				4
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	7	2	0	4	0	0	11	3	0	27
M.Phil.	0	0	0	2	0	0	1	1	0	4
PG	0	0	0	0	0	0	7	1	0	8
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers									
Highest Qualification	Professor			Associate Professor			Assistant Professor		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	18	16	0	34
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers									
Highest Qualification	Professor			Associate Professor			Assistant Professor		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	1	5	0	6
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	3	4	0	7
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
	43	3	0	46

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	244	0	0	0	244
	Female	297	0	0	0	297
	Others	0	0	0	0	0
PG	Male	150	0	0	0	150
	Female	250	0	0	0	250
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	8	0	0	2	10
	Female	4	0	0	0	4
	Others	0	0	0	0	0
Diploma	Male	13	0	0	0	13
	Female	10	0	0	0	10
	Others	0	0	0	0	0
Certificate / Awareness	Male	1743	0	0	0	1743
	Female	2035	0	0	0	2035
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Category		Year 1	Year 2	Year 3	Year 4
SC	Male	119	142	206	192
	Female	160	213	235	284
	Others	0	0	0	0
ST	Male	47	39	51	60
	Female	49	39	51	46
	Others	0	0	0	0
OBC	Male	255	268	286	302
	Female	233	260	250	261
	Others	0	0	0	0
General	Male	298	277	320	270
	Female	417	427	439	415
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		1578	1665	1838	1830

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	Our institute is single faculty institute imparting education in science from UG to PG and Ph.D. The institute offering 15 programmes at UG level and 12 programmes at PG level. 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 engages 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 MoUs are signed with Scientific Institutes, 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. The institution has been working towards building a quality - determined holistic and multidisciplinary education system in phases with a focus on developing 21st century capabilities. The plan focuses on amplifying the infrastructure in terms of physical infrastructure viz., classrooms, ICT enabled teaching amenities, laboratories, Central Instrumentation Lab, Interdisciplinary research facilities and spaces for Workshop based activities.
2. Academic bank of credits (ABC):	1. The affiliating University has initiated the process of Graduate and Post Graduate students' registration on the ABC website. 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. Students are informed about the registration process and the usefulness of the process.

	Students have created ABC ID and the college has documented the details for record purpose. The student details are submitted to University Registrar Evaluation office. 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. In this direction, the institution has made efforts in organizing Conferences/ Workshops and training programmes on NEP 2020. Department heads, faculty, administrative staff and students are encouraged to participate in NEP 2020 related activities. The institution has organized workshops on Curriculum and Seminars on NEP-2020 and the Academic Bank of Credit. The faculty participates actively in designing the University curriculum. The syllabus for Value Added courses, Certificate courses and Bridge courses. 6. One Day Workshop on Scope of UG & PG Syllabus (As per NEP-2020) D. 28/10/2023 organised by Science College, Nanded and sponsored by SRTMU, Nanded 7. One Day Faculty Development Programme on "Effective Implementation of NEP for Transformation in HEIs" on D. 08th September, 2022
3. Skill development:	Institution has made effort in providing adequate skills to empower students. Technical and soft skills have been integrated as Value Added Program, Add-on and Certificate programs through theory and practical sessions. To acquire the Soft skills such as Time Management, Quantitative Ability, Logical Reasoning, Data Interpretation and Verbal Aptitude communications, soil Analysis are developed through Value Added Programmes. The Institution actively facilitates career counseling through Career Guidance and Counseling Cell for Career development. The Institution has Internet resource centre, Digital computer lab, language lab, Eco-friendly committee and Science association, Central instrumentation Lab. Soil testing unit for imparting skills like Personality Development, Leadership qualities, Rights and Equality, Peace and Integrity and technical skills among the students by organizing various workshops and training programs through these units Moreover the technical and soft skills have been integrated

	through theory and practical sessions conducted as per time table. 1. Institution has planned for offering skill courses through regular as well as online mode. 2. Every year Institute of Industrial Management and Research, Pune and Computer Science Department of our institute organizes Techno-case Code Battle Competition Round. 3. Career Guidance and Counseling 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. 4. 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.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	The vision and mission statements of the institute reflect the significance of Indian knowledge system and the essence of our culture in the teaching along with the knowledge of the curriculum. The institution intends to integrate the global ideologies of peace, harmony and sustainable development which is also the core foundation and belief of Indian value system. Institution has been making efforts to promote Indian culture through social Gathering and cultural programme organized for teaching and non teaching staff. The College has NSS, NCC, and other

community engagement forum which helps students to develop value framework and inculcate respect towards the societal values. Institution celebrates National and International Commemorative days such Environment Day, Yoga Day, Kargil Vijay Divas. 1. The college has signed international MoU with Global Sanskrit Forum, Delhi. Such MoUs are helping to attend the integration of the Indian Knowledge System. 2. The college has defined an objective to provide a forum to promote the broader interaction among scientific, social, and cultural values by organizing exhibitions, workshops, Seminars, Symposia, conferences and other relevant deliberations. 3. At UG level four languages are taught- Marathi, Hindi, Sanskrit and English to understand the course content easily. 4. The college has been established by great freedom fighter Poojya Swami Ramanand Teerth. It tries to preserve ancient traditional knowledge and culture as it has prestigious history and background. 5. The College is privileged with Nobel background of a famous Marathi writer in India Respected Former Principal Late Narhar Kurundkar. Hon. Secretary Sow. Shyamal Patki is President of Narhar Kurundkar Pratishthan. The Pratishthan has formed joint venture with Nanded Education Society (NES) with a memorandum of understanding to establish Narhar Kurundkar Advanced Studies And Research Center (NKASRC) on the campus. 6. Marathi Department organizes Marathi Bhasha Din and Marathi Saptah on the occasion of birth anniversary of famous Marathi poet Kavi Kusumagraj every year. 7. Sanskrit department, of 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. 8. English Department organized Speak for India Programme Maharashtra Edition, a state level intercollegiate debate competition, Humanities, Languages. 9. Debate and Literary Association Committee of our college has organized Brahamibhoot Swami Ramanand Teerth State Level Intercollegiate Debate Competition. 10. The competition is organized on Essay Writing and Poetry Writing for UG students. 11. The College organizes State Level Debate Competition since last 58 years by the name of founder chairman of our

	institute a great freedom fighter of Hyderabad Liberation movement Poojya Swami Ramanand Teerth. Thus the College tries to preserve ancient traditional knowledge and culture as the Institution has prestigious history and background. 12. Under "Vivek-Tarang" a social gathering cultural programmes are being organized through which students are motivated about Indian arts, music and dance. 13. In order to know the Indian culture every year students participate in Youth Festival organized by Swami Ramanand Teerth Marathwada University, Nanded.
5. Focus on Outcome based education (OBE):	The NEP 2020 emphasizes on knowledge with wisdom. In order to succeed in interviews, competitive exams and the placement, a platform is provided where students can develop a variety of skills. The college's Career Counseling and Placement Cell works together to advance students' intellectual capacities for their personal development. Development of both hard and soft skills is incorporated into the delivery of curricula. College campus has Wi-Fi facility and classrooms are equipped with ICT. Library resources are adequate for supporting students. Institution encourages students to participate in short-term projects, seminars, field trips, industrial visits, internships, placements, and other activities to gain practical business experience. Efforts have been made by the institution to include skills that are in line with market demands. These skills include grammar, communication, logical reasoning, aptitude, entrepreneurship development, pre-placement training, mock interviews, advanced computer courses and hands on training. As a part of value-added and add-on courses, certificate courses, MOOCS courses, technical and interpersonal skills have been incorporated in their curriculum. The institution has integrated OBE in the Lesson Plan, formative and summative assessments are taken care of by setting the questions. Outcomes are mapped through defining Cos and POs followed by measuring attainment levels. The institution also ensures to consider innovative teaching practices like experiential learning, field visits, and collaborative programs. The departments, staff welfare committee works towards OBE. According to the curriculum, students receive instruction from working

	professionals in their field. Some of the activities carried out in relation to OBE are as follows • One Day Guest Lecture on topic "Reactions of Metal Complexes" and "Pcricyclic Reactions" • 'One day Workshop on Shewanti Cultivation and Conservation' • 'National workshop on "Medicinal Plants: Authentication, Cultivation & Future prospects' • Departmental Website, Fishery Digital Lab, Fish Tank, Zoology Labs, National Workshops for effective teaching-learning process • One Day Workshop On "Fish Recipes & Fish Exhibition" • Guest Lecture on "Physics Opportunities" • 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 • Two Days Workshop on "Personality Development Programme and Life Skills Orientation Programme" • Speak for India Programme – Maharashtra Edition, a state level intercollegiate debate competition, Humanities, Languages. • Language laboratory with Orell Software for communication skills development.
6. 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. Institution follows curriculum prescribed by the University. Hence, currently it is not feasible to offer open and distance learning. However, because the University curriculum restricts how the course is delivered, the requirement for the mandatory Massive Open Online Courses (MOOC) on platforms like SYAYAM, NPTEL paves way for encouraging Open and Distance Learning (ODL) mode of learning. Institution has to be encouraged for ODL mode of learning to make learning more flexible for students who would prefer or are in need of open and distance learning. Value-added courses now place a lot of emphasis on subjects like languages, soft skills and technical courses. College has been offering courses that are crucial for students' development and provide them skills they need. The faculty makes use of E-Resources, ICT,

blended learning for effective teaching. Various ICT tools are used viz., WhatsApp, Google Forms, Google Classroom, Zoom and Mobile-based learning as part of innovative teaching practices. During the COVID-19 pandemic, projects, internships and organization study were carried out. The online Zoom platform is used for class room activities. The benefits of open and distance learning augment opportunities for being able to gain access to students who are geographically dispersed. 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.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	Electoral Literacy Club (ELC) has been set up in the college. The club is formed with the primary goal of educating the student community about democratic rights, including the right to vote in elections. Programs are conducted to create awareness about electoral procedures.
2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	Yes. The Institution has a functional ELC .Dr V B Chavan Assistant Professor as ELC Coordinator and co-ordinating members are working to registered the name of the students who completed 18 years of their age for voting in the coming elections.
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender,	Students participated in Voter Awareness programs in rally. This rally was organized in order to create awareness among the general public pertaining to voting rights and selecting appropriate ruling party.

commercial sex workers, disabled persons, senior citizens, etc.	
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.	The ELC takes initiatives that are socially relevant to electoral related issues especially Awareness Drives and Enrollment Drives to promote citizens' participation in electoral processes. This programme was organized by Electoral Literacy Club, National Service Scheme in association with Nagri kruti Samiti Nanded.
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.	The students above 18 years who are to be enrolled as voters are sensitized about democratic rights which include casting votes in elections. Efforts are taken by ELCs as well as efforts by the College to register eligible students as voters. 18 years of age and enrolled in the electoral roll.

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1449	1830	1838	1665	1578

File Description	Document
Institutional data in prescribed format	[View Document](#)

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 59

File Description	Document
Institutional data in prescribed format	[View Document](#)

2.2

Number of teaching staff / full time teachers year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
53	57	57	57	50

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
209.75	55.15	50.54	85.81	66.04

File Description	Document
Upload Supporting Document	[View Document](#)

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1

The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

All programs offered by the institution follow the Choice based credit System (CBCS) and Outcome based education (OBE) since 2019. The syllabi are framed and revised by the Board of Studies SRTM University, Nanded for respective programmes and courses. Some of our Faculties are Chairman or Members of board of Studies in various courses.

The college focuses on curriculum, teacher and learner at the time of planning and implementation of curricular and co-curricular activities. The feedback is collected from relevant stakeholder for continuous improvement in teaching learning process.

Planning:

The academic calendar is prepared by the college in accordance to the prescribed curriculum and academic calendar of SRTM University, Nanded. At the beginning of new academic year, departmental meetings are held to discuss and plan workload, subject preferences and various co-curricular activities. Head of the Departments, Teachers-in-charge and Time Table Committee together finalize workload and time table. Departmental Heads plan to conduct departmental and extracurricular activities,

Teachers follow Academic calendar (AC) for their respective courses semester wise and complete their syllabi in time. Academic diary provides information about the AC and timeline of course completion as well as curricular, co-curricular, research and extension activities.

Implementation:

In the orientation sessions students are informed about, Time Table and Curriculum Plan which are also displayed on college website and Notice boards. During initial classes, students are briefed about their respective Departmental profile, Course Outcomes, Program Outcomes and Program Specific Outcomes, College Activity Calendar, and Syllabi of their respective courses. Guest lectures from eminent Academicians and industry personnel are arranged timely for the delivery of enhanced knowledge. Departments have conducted value added/Add on/Certificate courses/bridge courses, Diploma, and remedial classes and NET SET guidance in order to enrich the curriculum. All curricular and co-curricular activities are properly documented in the departments.

Continuous Internal Evaluation(CIE):

Continuous Internal Evaluation (CIE) is an integral part of curriculum which is planned and conducted in

accordance with both the calendars, as per guidelines provided by University and the College. Students are informed about the various assessment methods (Unit tests, assignments, seminars, project/field visit reports etc.), evaluation criteria and assessment schedule during the initial classes of the semester.

Departments ensure timely execution, fair and transparent CIE through regular faculty meetings. College Exam committee ensure smooth conduction of Internal examination. The queries regarding any discrepancy in internal assessment marks are duly resolved.

The admin staff ensures that the Internal assessment marks are uploaded in a timely manner on the college website. Faculty members participate in workshops, FDPs, Training to keep themselves abreast with new and effective assessment and evaluation practices and processes.

On the basis of Internal Assessment conducted Advanced and Slow learners are identified. Remedial classes are conducted by the respective subject teachers to offer help to the slow learners; the academic and carrier prospects of the advanced learners are enhanced by imparting special coaching.

Projects, Dissertation, field visits are also the part of UG & PG curriculum to provide practical experiences to students. The students and faculty have completed courses through NPTEL/SWAYAM portal.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

1.2 Academic Flexibility

1.2.1

Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

Response: 31

File Description	Document
List of students and the attendance sheet for the above mentioned programs	[View Document](#)
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Evidence of course completion, like course completion certificate etc. Apart from the above:	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

Other Upload Files	
1	[View Document](#)

1.2.2

Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Response: 40.07

1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1618	640	45	769	278

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

1.3 Curriculum Enrichment

1.3.1

Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum

Response:

- **Professional Ethics:** Certificate course on Personality Development, Soft Skills, Language courses inculcate leadership, communication, time management, and core universal values like honesty, truthfulness, kindness, law, justice, patriotism, humanism, etc. A number of courses offered in the curriculum impart domain-specific professional ethics like computational, HPTLC technique, soil testing, bio-fertilizers and IT related skills. Field visits and project works are an integral part of the curricula that foster social and moral ethics among students. Expert lecture on "Interview Skills and Techniques" was organized on 22/08/2019. Expert Lecture on Career Opportunities through Competitive Examination by Dr. Dhananjay Akat, director, Reliable Competition Examination Centre, Pune on D. 09/08/2019.

- **Gender:** As part of the curriculum of UG courses, students are taught concepts related to gender equality and women's related issues. The College also organizes various programmes like gender awareness lecture, talks, poster making and presentation, webinars etc. to sensitize and illuminate gender based prejudices prevalent in our society. The Women Empowerment Cell, Women Grievance and Redressal Cell, and NSS implement various activities like guest lectures, talks on health & hygiene, laws to protect women's rights help in gender sensitization. One Day Women Empowerment Programme - 'Mother Festival' was organized on D. 10/08/2019.

- **Environment & Sustainability:** The Environment studies are compulsory Subject in B. Sc. Third year of UG programme to make students aware of importance and conservation of environment. The course includes varied topics like eco-system, environment pollution, disaster management, environmental law and ethics, Pollution laws and standards, bio-diversity conservation, natural resources conservation and human health.

- **Eco-friendly Committee** organizes state level competition on Best from Waste, Webinars, Cleaning campaign, Green campus drive, Awareness rallies, Shelter for birds, Exhibition on biodiversity of birds in Science College campus, poisonous and non-poisonous snakes poster presentation, Eco-friendly Holi and Diwali celebrations.

- Our college gives special emphasis on Environmental awareness among the students through Vermi-composting and Biogas production on campus, Water harvesting through percolation tank and roof water harvesting, energy conservation by utilizing solar energy, Workshops on Environmental issues.

- The college observes some best practices like No Vehicle Day, and Plastic Ban in the campus, Awareness about Godavari water pollution and its effect on aquatic fauna particularly on fishes through newspapers and TV channels, Godavari river cleanliness campaign etc.

- **Internal Green audit** is conducted with the help of students and external green audit by government certified agency.

- **Human Values:** Value Education through Language courses is offered to all undergraduates, stressing human values, media ethics, Community Sensitization, social issues, Social service for Divyangjan, etc. Human values are inculcated by conducting programmes by NSS, NCC and Sports unit. Teamwork helps to imbibe human values like kindness, patriotism, love for nature, etc. The other related activities like Vachan-Prerna Din, Brahma kumari's sessions on mental health and human values living happy life, Geeta Adhyayan Vachan on the eve of Geeta Jayanti for imparting spiritual development of mind. Along with the regular program, seminar/webinars on Meditation helps in self-realization and appreciating the importance of Yoga for a happy and healthy human life. Sports as a part of extra-curricular activity help in building team spirit and human values.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

1.3.2

Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 46.45

1.3.2.1 **Number of students undertaking project work/field work / internships**

Response: 673

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

1.4 Feedback System

1.4.1

Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website

Response: B. Feedback collected, analysed and action has been taken and communicated to the relevant bodies

File Description	Document
Feedback analysis report submitted to appropriate bodies	[View Document](#)
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	[View Document](#)
Action taken report on the feedback analysis	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Enrolment percentage

Response: 86.74

2.1.1.1 **Number of seats filled year wise during last five years (Only first year admissions to be considered)**

2022-23	2021-22	2020-21	2019-20	2018-19
699	682	759	878	729

2.1.1.2 **Number of sanctioned seats year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
900	870	870	870	810

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Final admission list as published by the HEI and endorsed by the competent authority	[View Document](#)
Document related to sanction of intake from affiliating University/ Government/statutory body for first year's students only.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.1.2

Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

Response: 80.15

2.1.2.1 **Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)**

2022-23	2021-22	2020-21	2019-20	2018-19
334	347	343	390	354

2.1.2.2 Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
472	456	456	456	366

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	[View Document](#)
Copy of communication issued by state govt. or Central Government indicating the reserved categories(SC,ST,OBC,Divyangjan,etc.) to be considered as per the state rule (Translated copy in English to be provided as applicable)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.2 Student Teacher Ratio

2.2.1

Student – Full time Teacher Ratio
(Data for the latest completed academic year)

Response: 27.34

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 and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Response:

The teachers have adapted individual, experiential, participative, interactive, peer assisted and problem solving methodologies and used ICT enabled tools for effective teaching learning process.

1. **Experiential Learning Method-**

Type of Student centric approach	Methods adopted by teachers for enhancing learning experiences
Experiential Learning Method	Experiments in laboratories, Use of model kits, and ICT integrated teaching and online resources, Study tours, Field visits, Language lab training, Survey, industrial visits, Lecture series, Guest lectures, Ph.D. course work.
Participative Learning Method	Science exhibition, Code-battle competition, participation in science congress, Regional Level MMS Competition, Ramanujan Competition and Madhava Competition, Essay and Poetry writing competition, Poster presentation, Viva-voce, PPT Presentations, Seminar, Participation in workshops and Conferences, Street Plays competitions, Bramhibhoot Swami Ramanand Teerth Intercollegiate State level debate competition, Speak for India debate elocution competition, Internship, Hands on training, Best from waste competition, NCC, NSS activities, AVISHKAR research festival
Interactive Learning Method	Group discussions, pre-placement activities, placement interviews, debates, career advancement sessions,
Problem Solving Method	Assignments, projects and dissertations, Tests, Participation in minor research projects, Quiz, Oral presentations, Solving mathematical problems.
Peer Assisted Learning	Discussions among the students while working together in laboratories, while doing reading activities, during the interaction with peers for completion of assignments and projects.
Other Methods	Flipped classes, Orientation programme, Project based learning, Learning by doing, The university has integrated the value and skill-based Skill Enhancement Course (SEC) into the curriculum

ICT Tools for effective teaching learning	Software Available	ICT Infrastructure	Online Resources

process

| 1. LCD Projectors
2. high speed WiFi connection on campus
3. Laptop computers
4. Interactive boards and smart boards | • **Specialized software like MS Office, Visual Basics**
• Mathematics department:

Maple Software, MATLAB R-2011a, Mathematica Software, MATLAB R-2014b, MathCAD Educational Bundle, MathCAD Education, MW-MATLAB R2024a, MW-MATLAB R2024a

Partial Differential Equations Toolbox, Latex Typesetting

Software, Scilab Scientific Software

• Language department: Orell software
• Library: SOUL Version 3, ILMS, DELNET
• **Department of Botany:** HPTLC-**WINCAD** 1.34, Interactive board software **-K-yan**
• **Department of Chemistry-** Chemdraw, Chemsketch | 1. Language Laboratory
2. Digital Computer Lab
3. Three Computer Labs
4. Mathematics Lab
5. Internet Resource Centre
6. Zoom and G-suite platform
7. College website
8. College YouTube channel
9. ICT classrooms | • Local Chapter of NPTEL (SWAYAM)
• MoU with Elite Software, Pune,
• MoU with NASSCOM Foundation, Noida
• MoU with AnvyTechs, Pune,
• MoU with Skillioma for online courses
• Activities in collaboration with Audyogik Tantra Shikshan Sanstha's Institute of Industrial & Computer Management & Research Nigdi, Pune
• Trained teachers for effective teaching by completing courses from ARP IT/SWAYAM NPTEL for effective teaching
• YouTube channels/Audio Visual Aids/E-content/Website of teachers |

Training programme for ICT integrated teaching learning

- "Two Days Workshop for Salesforce Job Skill in Association with Science College, Nanded" under MoU Activity through Elite Software's, Pune.
- Webinar on DELNET – Networked Resources & Services

- "Two Days Training Programme on Advances in Microsoft Word and Excel for Non-Teaching Staff"
- 'One Day National Seminar on Career Opportunities in IT Industry under Career Guidance and Counseling Cell'.
- ICT based certificate courses

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

2.4 Teacher Profile and Quality

2.4.1

Percentage of full-time teachers against sanctioned posts during the last five years

Response: 92.88

2.4.1.1 **Number of sanctioned posts year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
59	59	59	59	59

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.4.2

Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)

Response: 79.93

2.4.2.1 **Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise**

during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
38	37	48	48	48

File Description	Document
List of faculties having Ph. D. / D.Sc. / D.Litt./ L.L.D along with particulars of degree awarding university, subject and the year of award per academic year.	[View Document](#)
Institution data in the prescribed format	[View Document](#)
Copies of Ph.D./D.Sc / D.Litt./ L.L.D awareded by UGC recognized universities	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.5 Evaluation Process and Reforms

2.5.1

Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Response:

The Mechanism of internal assessment in the institution is transparent and robust in terms of frequency and mode. It follows regulations and guidelines of Swami Ramanand Teertha Marathwada University, Nanded for the internal assessment process of theory and Practical subjects.

Mechanism of internal assessment: The College Examination Committee arranges the meetings to prepare a schedule and assign the duties of the internal examination. The program of internal assessment is formed and circulated amongst the students and staff members via notice. Time table for examination and assessment is also published on college website.

Transparency in Evaluation Process: Progressive and summative level of evaluation process is carried out effectively. Before conducting the unit test the units for examinations are announced to the students in the class or in the WhatsApp groups. Unit tests are conducted by college transparently and according to the CBCS model of the University. The question papers are prepared by the subject teachers as per university syllabus and guidelines. Both Subjective and Objective questions are used in the internal examination. Subject teachers evaluate the answer sheets and give suggestions to the students for improvement. The mark lists are prepared and brought to the notice of students for transparency.

Robustness in Frequency: as per the university norms for every subject two internal unit tests are conducted in one semester. The responses are gathered and answer sheets are evaluated with accuracy. Wherever there is need of improvement students are communicated.

Robustness in Mode: The performance of the students is continuously assessed by assignments, tutorials, project works, viva-voce, class tests, and seminar presentation. As per the instructions and time table given by examination committee the concern teachers assess the answer books in the given schedule. In Covid-19 pandemic period the evaluation process conducted in online mode. Unit tests, Practical exams, MCQ exams, online Exams, Assignments, Tutorials, Study Tours, Field Visits and Viva Voce are the modes of conducting internal assessments. The answer sheets of skill-oriented courses and certificate courses are assessed by the respective teachers and mark lists are Prepared. Using integrated ICT to conduct online exams has made internal evaluation easier to do and has resulted in faster results declaration, which has increased internal evaluation efficiency and effectiveness.

Functional Student Grievances and Redressal Cell: The College has the functional Student Grievances and Redressal Cell. Students can approach anyone out of the concerned teacher, Head, Coordinator of Internal Examination, Coordinator of Student Grievances and Redressal Committee. For any complaint students communicate with the subject teachers for correction. Subject teacher solves the student's problems regarding the evaluation and allotted marks. If the student is not satisfied the problem is placed before respective Head of the department. Online student grievances can be registered through online portal https://sciencecollegenanded.org/feedback/feedback1.php?f=5

Outcome Analysis:

- 2 times D-CAP centre offered by SRTM University, Nanded
- Student Redressal and Grievances Policy for Mechanism
- Online and Offline Tests conducted involving 98% responses of students' strength.
- Resulted in maintenance of good university results and University rankers.

File Description	Document	
Upload Additional information	[View Document](#)	
Provide Link for Additional information	[View Document](#)	

2.6 Student Performance and Learning Outcomes

2.6.1

Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website

Response:

In line with the vision and mission of **Science College, Nanded** POs, PSOs and COs are displayed on the **institutional website.** 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.

- All **programmes syllabi**, which include a clear mention of COs and POs, are provided by the affiliated university to the college.
- The concerned staff, HoDs, IQAC coordinator and members are involved in determining and putting in order the outcomes and finalizing on approval by the Principal.
- As each programme and course begins to be taught, the teachers inform the students about the programme objectives and the course objectives.
- Awareness of POs, COs and PSOs is offered through seminars.
- The Institute has informed the stakeholders about the curriculum, the course outcomes and the programme outcomes with the focus on **Outcome Based Education (OBE)** indicated by the affiliated university.
- The college ensures OBE for skills and development of competencies with the **Assurance of Learning (AoL)** System with the help of Skill Enhancement Committee.
- Students are made familiar with all aims and objectives and the entire syllabus is to be completed keeping in mind all POs, PSOs and COs.
- Even the **Programme Assessment Plan (PAP),** 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 COs and POs, performance of the students is taken into consideration. For the attainment and enrichment of POs, COs, and PSOs, Short term courses, Bridge courses, Certificate courses and Remedial coaching help.
- **Integrated application of ICT** using **QR codes** made an effective communication of COs, PSOs and POs.

Source for dissemination of COs, POs and PSOs	Stakeholders
Website	All - Students, Teachers, Alumni and Parents
Admission prospectus	Students and Parents
QR Codes	For all
Notices	Students and teachers
Google classes, Mentoring WhatsApp Groups	Students and teachers
Regular classes and discussions	Students
Library, laboratories and departments	For all
Organization of seminar	Teachers and students
SEC (Skill Enhancement Course)	For all B.Sc. II & III year students
Project allotment	For all PG students
Ph. D. Course work	For all research scholars

Mappings of COs, POs as per Bloom's Taxonomy

COs & POs for Under graduation - Summary

- To provide platform for presentation of innovative ideas, analytical thinking, research interest and scientific skills
- To develop professional skills numerical ability, global skills, basic scientific knowledge, vocational, technical and practical skills
- Providing sound academic base for higher education
- Conceptual perceptive and techniques of core and complementary disciplines

COs & POs for Post Graduation - Summary

- To provide platform for presentation of scientific concepts, innovative ideas, analytical thinking, research interest and scientific skills
- To Plan and design to develop solutions
- To prepare for competitive examinations, eligibility examinations and progression to higher education and research
- Students are counseled during Induction Program (Fresher's Welcome Programme to PG)

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6.2

Attainment of POs and COs are evaluated.

Explain with evidence in a maximum of 500 words

Response:

Science College, Nanded has strong mechanism to measure, monitor and evaluate the attainment of POs, COs and PSOs through direct, indirect method and feedback.

Direct Method: Itinvolves Internal and External assessment to analyse the attainment levels of POs, COs and PSOs for both UG and PG programs through continuous evaluation. For direct method attainment of POs, COs and PSOs are calculated from result analysis.

Internal assessment:

1. Participation in classroom discussion.
2. Class tests
3. Unit tests
4. Seminars
5. Assignments
6. Viva voce examinations
7. Quiz

8. Tutorial

External Assessment:

1. End semester examinations of university
2. Project Work
3. Field Work/Study tours
4. Practical examinations
5. SEC examinations

Attainment of POs, COs and PSOs through feedback:

1. Comprehensive Questionnaire
2. Student satisfaction survey
3. Communicating ATR

Defining of Attainment Levels for COs & POs (DIRECT METHOD)

Sr. No.	PSO Attainment Level	Parameters (Student successfully completed the program course)	Remark	Passing Class
1.	Attainment Level 0	0-40%	Poor	Fail
1.	Attainment Level 1	40-50%	Low	III Class
1.	Attainment Level 2	50-60%	Moderate	II Class
1.	Attainment Level 3	60-74%	Good	I Class
1.	Attainment Level 4	75-100%	Excellent	Distinction

Indirect method of measuring attainment of POs, COs and PSOs:

It involves the participation and achievements of students in various activities like-

1. **Co-curricular Activities:**

- Seminar and Poster Presentation
- Internships
- Participation in competitions: Debate, Essay, Poem, Story writing, Madhava Mathematics Competition, Ramanujan competition for Mathematics knowledge, Science Talent Search, Code battle competition, Hackthon, Avishkar Research Festival etc.

2. **Extra -Curricular Activities:**

- Sports
- Cultural Activities
- NSS and NCC
- Eco-friendly Committee activities

3. **Student Placement and progression:**

- Pre-placement Workshops
- Professional Development Programs
- Progression of students to higher education
- Entrepreneurship Development Program
- Soft Skills
- SET/NET/PET/GATE /JAM

4. **Innovation and Research Aptitude:**

- Avishkar
- Industrial visits
- Programs on IPR and Research Methodology
- Science Exhibition

5. **Initiatives to enhance Social Relevance**

- Environment Awareness Programs
- Special Social Awareness Programs
- Covid-19 Related Outreach Activities
- School and village adoption
- Tree Plantation, Blood Donation, Farmers meet
- Social awareness programmes in collaboration with Nagari Kruti Samiti, Nanded

Ensured Mechanism to Assure the Attainment:

Each component of the institution tries for the best attainment of POs, COs and PSOs. **The principal** ensures the sustainability and development in teaching learning. **Each faculty** gives their contribution by completing the syllabus in time, Continuous Internal Evaluation and effective mentoring through **Mentor – Mentee Scheme** implemented by the institution. The **students** play main role by participating in the various competitions, NCC, NSS programs, Women Empowerment and Entrepreneurship Programs, professional development programs, etc.

The college has taken the following actions keeping the goal of all-round development of students:

Identified Requisitions	Action taken
Support for Effective Learning	1. Tutor- Ward System 2. Remedial Coaching Classes 3. Academic counselling 4. Innovative teaching-methods 5. Multimedia enabled classrooms
Soft skills	1. English Language Lab 2. short term courses to develop skills. 3. Workshops on personalitydevelopment
Entrepreneurship Development	1. Industry collaboration for training 2. Industrial visits and educational tours 3. Camps for Entrepreneurship Development

| Research and Innovation | 1. Incubation Centre
2. Avishkar Cell
3. Programs on IPR and Research Methodology
4. Science Exhibition |
| Employability | 1. B. Voc. programs
2. Guidance for Competitive Exams
3. Value added/Add on/ Certificate courses
4. Career Guidance and Placement Cell |

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

2.6.3

Pass percentage of Students during last five years (excluding backlog students)

Response: 71.41

2.6.3.1 Number of final year students who passed the university examination year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
261	551	633	461	277

2.6.3.2 Number of final year students who appeared for the university examination year-wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
523	808	684	502	540

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year (final semester) eligible for the degree programwise / year-wise.	[View Document](#)
Annual report of controller of Examinations(COE) highlighting the pass percentage of final year students	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process

Response: 3.77

File Description	Document
Upload database of all students on roll as per data template	[View Document](#)

Criterion 3 - 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 last five years (INR in Lakhs)

Response: 24.46

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

2022-23	2021-22	2020-21	2019-20	2018-19
21.24	2.22	0	0	1

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

3.2 Innovation Ecosystem

3.2.1

Institution has created an ecosystem for innovations, Indian Knowledge System (IKS),including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

- **An ecosystem for innovations-**

The college has established a favorable environment and offers top facilities for research endeavors, as demonstrated by outstanding research publications, patents, and projects.

- **Central Instrumentation Laboratory** with well-equipped advanced machinery has been established for research students and faculty. The **Science Association** motivates students to undertake innovative research projects. Students and faculty participate in research festival **AVISHKAR** organized by SRTM University, Nanded to acquire and present innovative ideas.

- **Indian Knowledge System (IKS) activities organized**
- 'National workshop on "Medicinal Plants: Authentication, Cultivation & Future prospects',

organized on 17/02/2023 in collaboration with WARSA (NGO)

- Geeta Jayanti and Adhyay Pathan Competition
- One Month Bridge Course in Vedic Mathematics.
- One-day workshop on "Art of Mind Control" on 01/10/2022 in collaboration with ISKON.
- "One Day Workshop on Health and Happiness" on 19/01/2023 in collaboration with Sri. Sri. Ravi Shankar Art of Living Centre Nanded.
- One Day Seminar on Women Health, Yoga & Diet Awareness Programme 07/04/2022.
- One Day National Seminar on Positive thinking through Yoga & Meditation on 26/01/2022

- **IPR Cell** – College conducts various activities through IPR Cell like Seminars, Guest Lectures and Workshops. It motivates faculty to submit and publish their patent.

IPR Cell Activities-

- Intellectual Property Rights: Procedures and Policies.
- One Day National Workshop on Research Methodology for basic Sciences.
- One Day National Seminar on Intellectual Property Rights and Patent Filing.
- One Day Informative Seminar on Funding For Research Projects in DBT.

- **Incubation Centre**

Incubation centre is established in college equipped with basic amenities such as internet, meeting room and administrative support. It is accessed to shared resources like laboratories and central instrumentation lab. It is also accessed to experienced mentors and industry experts. It organizes workshop in collaboration with Maharashtra Centre for Entrepreneurship Development, Nanded on development of entrepreneurship skills, startup programmes, Boot Camp, leadership and technical expertise. The evident of success is students are placed in industries like Godavari Drugs, internship in K-Ferts Lab, our student of Herbal Medicine established K.K. Herbal Industries, Limbgaon, Nanded

- **Initiatives for the creation and transfer of knowledge/technology**

Creation of Knowledge- Necessary support is provided for participation in conferences, workshops, seminars, training programmes, FDP, Refresher Courses, Orientation Courses, Publication of Research Papers and obtaining patents. The college has extended research facilities to the research guides of other colleges for the sharing of ideas through collaborative research activities. The college has also developed MoUs/linkages with industries and research institutes for internships. Organization of regular field trips, study tours, and industrial visits to gain field knowledge by the students. The biodiversity rich campus flora and fauna also gives the experiential learnings and onsite teaching.

Activities for Transfer of knowledge and Technology-

- Facilities for soil testing to the farmers of this region.
- Mycorrhiza Bio-fertilizer produced and made available to the farmers.
- Production of vermi compost which is supplied to the citizens of nanded for home gardening.
- Workshop on Shewanti Cultivation and Conservation (Chrysanthemum cinerariifolium).

- Two Days National Level Hands on Training on HPTLC Technique.
- One Day National Seminar on Career Opportunity and Placement in IT Industry.
- Two Days Training Programme on Advances in Microsoft Word and Excel for Non-teaching staff.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.2.2

Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

Response: 25

3.2.2.1 **Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
12	4	2	3	4

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.3 Research Publications and Awards

3.3.1

Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

Response: 2.76

3.3.1.1 **Number of research papers in the Journals notified on UGC CARE list year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
28	31	22	18	64

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	[View Document](#)
Link to re-directing to journal source-cite website in case of digital journals	[View Document](#)
Links to the papers published in journals listed in UGC CARE list or	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.3.2

Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 1

3.3.2.1 **Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
12	14	08	06	19

File Description	Document
List of chapter/book along with the links redirecting to the source website	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.4 Extension Activities

3.4.1

Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

Response:

The institution has conducted extension activities in the neighborhood community to sensitize students to social issues with the active involvement of teachers. Some major extension activities are as follows: -

Science Association: Organization of science-related programs like seminar competitions, poster competitions, organ displays, science exhibitions, and demonstrations of various science experiments to the school students is a regular feature of our college.

Best from Waste: The Eco-friendly Committee organized State Level Competition on best from waste every year. One Day International Workshop on E-waste: Awareness and its Management.

Social Awareness Programs: College organized awareness programs for the students and teachers like "*Da Daruch nasun Da Dudhacha*", Say No to Tobacco, drugs addiction for the public awareness, AIDS Awareness, Voter's awareness, Workshop on Rasta Suraksha Abhiyan 2022 (Road Safety Campaign), Health checkup programme in collaboration with Dabur India Pvt. Ltd. and programs for girls student on "Mother Safe to Home Safe Campaign".

Role in Covid -19 Pandemic: Distribution of food and other necessities for 41 days to the people under quarantine during lockdown period. Awareness drive for the Corona Vaccination and distribution of facemasks for safety. Fishery Department of our institute suggested plasma therapy for Covid patients which could helps to boost Immune system of the recipients.

Fund Raised for Natural Distasters: Fund raised by students, faculty and members of *Nagari Kruti Samiti* during Covid-19 pandemic, Kerala Flood, Kolhapur Flood and Landslides and fund submitted to CM and PM funds.

Environment Awareness Programs: The NCC cadets and NSS students have undertaken programmes like Godavari River cleanliness drives, Swachata abhiyan, Plastic free campaign, E-waste management, etc. for clean environment. Initiatives taken for control of Godavari water pollution and brought to the notice of government officials of state and central regarding uncounted death of the fishes due to pollution through newspapers and TV news channels. Tree Plantation drives organized for the conservation of biodiversity every year specially focused on the plantation of indigenous, rare, threatened and endangered plants species. Special programs conducted on snake awareness, ecofriendly Ganesh Festival, Holi and Cracker free Diwali. Water facility and shelter made available for birds.

Important Days Celebrations: Every year college has organized programs on the occasion of birthday or death anniversary of veteran leaders like Freedom fighters, Scientist, Social activists to generate social responsibilities among the students.

NSS Camp: Every year one-week residential camp has been organized in different villages of Nanded. Students are motivated through lectures, seminars, workshops, debates, field work and group discussions on social topics during the camp.

State level debate competition: Every year debate competition has been organized on various current and social issues on the occasion of death anniversary of Brahamibhoot Swami Ramanand Teerth a founder chairman of Nanded Education Society, Nanded.

Lecture Series: Dr. K. S. Deshpande Lecture series, Dr. D. S. Deshpande lecture series, Dr. Ram Mohan Rao lecture series and Lecture series in collaboration with Marathwada Mathematical Society, Aurangabad organized by Botany, Chemistry, Physics and Mathematics departments respectively.

Entrepreneurship Development Programm: In collaboration with MCED such programs are organized for the students and teachers for the development of entrepreneurship skills.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

3.4.2

Awards and recognitions received for extension activities from government / government recognised bodies

Response:

- **National Institutional Ranking Framework NIRF Ranking**

The college is renowned due to its outstanding achievement in NIRF for "Teaching, Learning and Resources," "Research and Professional Practices," "Graduation Outcomes," "Outreach and Inclusivity," and "Perception". In the National Institutional Ranking Framework (NIRF) India Ranking

2017 Nanded Education Society's Science College, Nanded ranked 72 in college category.

- **College for Potential Excellence (CPE)**

UGC has sanctioned College for Potential Excellence Scheme to Science College, Nanded and recognized it as a college of good standard in teaching and research by harnessing human and physical resources in innovative ways.

- **Clean and Green Campus Award**

Nanded Waghala Municipal Corporation has awarded Science College, Nanded for its Clean and Green Campus.

- **National Association of Software and Service Companies (NASSCOM)**

This is an Indian non-governmental trade association and advocacy group that primarily serves the Indian technology industry. NASSCOM has identified Science College as quality provider of teaching learning and research and funded with digital laboratory.

- **Influencer book of world record:** Dr. K. S. Shillewar has been awarded in 2022 for the publication of his two books in 07 different international languages like English, French, German, Italian, Spanish, Portuguese and Turkish languages.

- **World Scientist Ranking:** Faculty members are recognized for the World scientific Ranking. Stanford University publishes the *World's* Top 2% *Scientists ranking* and Clarivate Analytics publishes the Highly Cited Researchers list.

- **Research Excellence Award:** Dr. Kiran Shillewar has been awarded in 2022 for innovative research in Fishery science.
- **Avishkar Achievers award:** Award received by Dr. U. S. Patki in 2022.
- **Rashtriya Shikshak Sanchetana Award:** Received by Dr. Mrs. Aruna R. Shukla in 2022 for contribution in the field of Education, Literature and Culture.
- **Best College, Award** by S. R. T. M. University, Nanded in 2021
- **Best Principal Award to** Dr. D. U. Gawai by S. R. T. M. University, Nanded in 2021
- **Best Researcher Award** to Dr. K. S. Shillewar in 2022 by Science Father: International Research Awards on Science, Health and Engineering SHEN.
- **Best Ideal Teacher Award** to Dr. U. S. Patki and Dr. K. S. Shillewar by Avishkar Foundation, Solapur.
- **Education Excellence Award** to Dr. Mrs. Aruna R. Shukla by Swami Vivekanand Shiksha Bhushan Sajan Vangmay Parishad, Bhopal, MP.
- **MERIT AWARD (GOLD MEDAL)** to Dr. V. V. Kulkarni for organization of NAAC Sponsored National Level Webinar on Innovations in Teaching Learning & Evaluation Process in Affiliated Colleges on 21-09-2021 given by Akkeneni Nageshwara Rao College, Affiliated to Krishna University,Gudivada, Andhra Pradesh
- **Excellent NSS Volunteer Award:** Youth Power for Environment Gondwana University, Gadchiroli in 2019
- College has **recognized research centre** for 5 subjects
- **Appreciation award** by for e-waste management to Science College, Nanded by solid waste

management expert guidance on composting and e-waste consultant Mrs. Rashmi Joshi
- **International Organization for Standardization (ISO)**

ISO has certified Science College as "Quality Research Organization" has

been independently assessed by QRO and is compliant with the requirement.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

3.4.3

Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.

Response: 14

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

2022-23	2021-22	2020-21	2019-20	2018-19
3	3	2	1	5

File Description	Document
Photographs and any other supporting document of relevance should have proper captions and dates.	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.5 Collaboration

3.5.1

Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 37

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	[View Document](#)
List of year wise activities and exchange should be provided	[View Document](#)
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The Institution has adequate infrastructure and other facilities for,

- **teaching – learning, viz., classrooms, laboratories, computing equipment etc**
- **ICT – enabled facilities such as smart class, LMS etc.**

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)

Response:

A. Our institute has an adequate infrastructural set up on campus which is shared by all the UG and PG programs into three shifts for its maximum use. The institute has 45 acres of land in the heart of city and total built up area is 30,780.397 *Sq* Meter G+1 floors with an adequate parking facility.

Department wise Teaching- Learning ICT Based Facilities

Name of the Department	Infrastructure for Teaching-Learning									Other Facilities for Teaching-Learning	
	ICT based Classroom	Departmental Library / Reading Room	Store	Labs	Research Labs	Computing Equipments				Staff Room	Other Facilities
						No. of Computers	Software	TV	WiFi		
Chemistry	01	01	02	08	01	02	02	01	Yes	01	-
Botany	01	01	01	09	01	04	02	01		01	Museum
Zoology	01	01	01	04	01	02		01		01	Museum
Physics and Electronics	01	-	-	10	01	02	-	-		01	Hobby Workshop
Mathematics	01	01	01	01	01	28	10	-		01	-
Geology	-	01	01	02	-	02	-	01		01	Museum
Fishery Science	01	01	01	02	01	02	-	-		01	Museum
Computer Science	01	01	01	03	-	75	02	-		01	-
Statistic	01	-	01	01	-	10	-	-		01	-

s										
Languages	-	01	01	01	-	18	01	-		01	-
Library	-	02	01	-	-	08	01	01		-	-

Institute has maintained a separate and well equipped Central Instrumentation Laboratory (CIL) with advanced instruments like HPTLC, FTIR, UV-Visible Spectroscopy, PCR, Micro photographic unit and cooling centrifuge system. Other facilities are available on the campus like vermi-composting unit, greenhouse, fish tank, medicinal plant garden, botanical garden and biogas unit. The Geology department has seismic centre.

B. **ICT Based Common Classrooms**

Hall No.	ICT Enabled Equipments and Other Facilities						
	Smart Board	Interactive Board	LCD	Sound System	Podium	WiFi	Generator/ Inverter
09	-	-	-	01	01	Yes	Yes
10	-	01	01	01	01		
12	01	-	-	01	01		
13	01	-	-	01	01		
14	01	-	-	01	01		
15	01	-	-	01	01		
16	-	-	-	01	01		
17	01	-	-	01	01		
Dept. of Botany	-	01	05	01	01		
Dept. of Maths	-	01	02	01	01		

The college has adequate sports, Games Gym, Yoga and Cultural Facilities for showing extracurricular talent of the students.

In sports facilities we have -

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

- Volleyball Ground (9 × 18 mts)- 02

- Lawn Tennis Play Court(120×60 ft)-02

Students play different games such as Badminton, Table Tennis, Cricket, Athletics, Volley Ball, Kabaddi, etc. The gymnasium aids available in the sport departments are Double Bar, Single Bar, Multi-station GYM, Treadmill, Cycle, Theraband, GYM Ball, Medicine Ball, Yoga facility is available. It is run under the supervision of Yoga Guru on campus. International Yoga Day and Meditation Camp are organized regularly.

For cultural activities the college has furnished memorial Late Puranmalji Lahoti auditorium with seating capacity of around *400* audience having LCD projector facility to facilitate co curricular and cultural activities. The Amphitheatre is also available with lawn for conducting different cultural events of students and staffs. Students are winners of various states and national level cultural and sports competitions. CCTV Surveillance on full campus is available.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

4.1.2

Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years

Response: 27.85

4.1.2.1 **Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)**

2022-23	2021-22	2020-21	2019-20	2018-19
12.41	0.15	12.96	58.31	46.31

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

4.2 Library as a Learning Resource

4.2.1

Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students

Response:

The institute has well developed and enriched central library. It is automated with the SOUL software of INFLIBNET since 2003 and later updated with SOUL 3.0 software. The process of Acquisition, Ordering, Cataloguing, and Circulation is done through SOUL 3.0 software. The books are classified according to Dewey Decimal Classification Scheme. Borrowers Ticket and Book Cards are Bar-coded. Books are processed with bar-coded spine labels. For effective implementation of Integrated Library Management System, Library has Server System, 08 Computers for services, OPAC and Network Resource Centre, Scanners, Printers, Barcode readers and Internet facility. 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 provided with 200 mbps bandwidth for easy access and connectivity.

The library is enriched with books, reference books, magazines, e-books, etc. The library has reading room with 55 inch smart TV which is useful to students for updating the knowledge regarding current affairs worldwide. The reference and back volumes section is well maintained for the PG, research students and faculty. The library timing is 7.20 am- 6.00 pm and reading room of library is also kept open on the holidays during the exam period.

Along with physical services through printed resources such as books, periodicals, the library is well equipped with e-resources such as NLIST, DELNET, e-Books for faculty and students. Remote access facility for e-resources is provided to Users. The students have access through OPAC (Online Public Access Catalogue). The library also provides e-Journals, e-shodhganga and e-shodhsindhu facility. The newly enrolled students are given orientation about library facilities and services. Training about use of NLIST/ DELNET consortia is provided to Research students and Staff. The internship facility is provided to the outsider library science students. Special reading room facility is provided to the students for preparation of MPSC, UPSC, Banking, RRB, Staff Selection Commission, NET, SET and GATE examinations.

The total books available in central library are 37142 out of these textbooks are 26000, reference books 11142, Periodical and Journals 43, e-books 135000 and e-journals 6000.

Total books purchased in the last five years 1709 , total reference books purchased 697 and 266 journals and periodicals subscribed.

Facility for inclusive education:

The college provides inclusive education facilities which include Braille machine, special software, ramps, washrooms, wheelchairs and other safety features for students with mobility impairments. Special

attention is given to physically challenged students at the time of teaching and examinations.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.3 IT Infrastructure

4.3.1

Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words

Response:

Our institute has latest and updated IT facilities in order to cater the needs of students in more effective manner.

IT Facilities:

- There are 235 computers and 10 laptops available in the institution.
- The configuration of the computers is upgraded as per the advancement.
- The Computers in office, Mathematics departments, Computer Science department and library are connected with LAN facility.
- For continues power backup, Institute has inverters, UPS and generator (5 kw) and solar system.
- Advanced Licensed Software are available in college like Microsoft OS – Windows 7, 10, Windows Server 2008, Microsoft Office 2010, Tally ERP9, Soul 3.0 (Library), and Interactive board software -K-yan.
- Additional LCD projectors and smart boards were purchased to strengthen the IT infrastructure to facilitate ICT based teaching-learning process.
- N-LIST, DELNET Consortia are available for e-resources in library and information centre.
- At the beginning, Internet facility was provided with wired connection to Administrative office and Departments. Then it is updated with Broad Band with 500 Mbps leased line.
- Most of the departments have been provided with computers linked with high speed internet and movable LCD and K-yan projectors which enable the preparation of educational materials, Power Point presentations and Video lectures which can be viewed through platforms like, Google class rooms, Google meet, Zoom and YouTube.
- College Campus is facilitated with five different Broadband connections through Optic Fiber with 50-200 mbps Internet Speed. All the departments have separate internet connection with 100 Mbps speed.
- Antivirus named Quick Heal Pro, Quick Heal Total Security Net Protector Pro for cyber Security.

- Wi-Fi college campus with CCTV surveillance.
- College has well equipped Computer department with three different Computer laboratories.

- The students Projects, Practical Work and Online examinations are being conducted by using C, C++, Java, MATLAB, LINUX Windows 10 operating systems, Visual Basic Software.
- College has established Digital Computer Lab with 20 latest computers sponsored by NASSCOM.
- The department of Statistics is having computer lab with 10 computers with internet facility.
- The department of Mathematics is having computer lab with 25 computers facilitated by Maple Software, MATLAB R-2011a, Mathematica Software, MATLAB R-2014b, MathCAD Educational Bundle, MathCAD Education, MW- MATLAB R2024a and MW- MATLAB R2024a Partial Differential Equations Toolbox.

- Well equipped Internet Resource Center (IRC) with 16 latest configured computers with LCD projector.
- The Central Instrumentation Lab is having HPTLC with WINCAD 1.34 software.
- The college has Language Lab with 17 computers facilitated by Orell Talk software.

- College has e governance in administration, admission, accounts and examination.
- The exam office of college is fully facilitated with computers, all in one printer, offset printer, CCTV surveillance and internet facility.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

4.3.2

Student – Computer ratio (Data for the latest completed academic year)

Response: 7.36

4.3.2.1 **Number of computers available for students usage during the latest completed academic year:**

Response: 197

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	[View Document](#)
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1

Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)

Response: 5.71

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

2022-23	2021-22	2020-21	2019-20	2018-19
21.80	2.0	1.20	0.80	0.86

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years

Response: 75.41

5.1.1.1 **Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
1886	1905	584	1222	707

File Description	Document
Year-wise list of beneficiary students in each scheme duly signed by the competent authority.	[View Document](#)
Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).	[View Document](#)
Upload policy document of the HEI for award of scholarship and freeships.	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.1.2

Following capacity development and skills enhancement activities are organised for improving students' capability

1. *Soft skills*
2. *Language and communication skills*
3. *Life skills (Yoga, physical fitness, health and hygiene)*
4. *ICT/computing skills*

Response: B. 3 of the above

File Description	Document
Report with photographs on Programmes /activities conducted to enhance soft skills, Language and communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	[View Document](#)
Report with photographs on ICT/computing skills enhancement programs	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.1.3

Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 41.35

5.1.3.1 **Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
1627	992	563	187	88

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

5.1.4

The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

1. **Implementation of guidelines of statutory/regulatory bodies**
2. **Organisation wide awareness and undertakings on policies with zero tolerance**
3. **Mechanisms for submission of online/offline students' grievances**
4. **Timely redressal of the grievances through appropriate committees**

Response: B. 3 of the above

File Description	Document
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	[View Document](#)
Proof related to Mechanisms for submission of online/offline students' grievances	[View Document](#)
Proof for Implementation of guidelines of statutory/regulatory bodies	[View Document](#)
Details of statutory/regulatory Committees (to be notified in institutional website also)	[View Document](#)
Annual report of the committee motioning the activities and number of grievances redressed to prove timely redressal of the grievances	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.2 Student Progression

5.2.1

Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 61.11

5.2.1.1 **Number of outgoing students placed and / or progressed to higher education year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
331	510	221	158	114

5.2.1.2 **Number of outgoing students year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
261	551	633	461	277

File Description	Document
Number and List of students placed along with placement details such as name of the company, compensation, etc and links to Placement order(the above list should be available on institutional website)	[View Document](#)
List of students progressing for Higher Education, with details of program and institution that they are/have enrolled along with links to proof of continuation in higher education.(the above list should be available on institutional website)	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.2.2

Percentage of students qualifying in state/national/ international level examinations during the last five years

Response: 13.07

5.2.2.1 **Number of students qualifying in state/ national/ international level examinations year wise during last five years (eg: IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/Civil Services/State government examinations etc.)**

2022-23	2021-22	2020-21	2019-20	2018-19
39	26	16	18	12

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

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 last five years

Response: 92

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

2022-23	2021-22	2020-21	2019-20	2018-19
24	47	00	18	3

File Description	Document
Upload supporting document	[View Document](#)
list and links to e-copies of award letters and certificates	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.3.2

Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 11

5.3.2.1 **Number of sports and cultural programs in which students of the Institution participated year wise during last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
25	9	4	6	11

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

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

Response:

1. The alumni association of Nanded Education Society's Science College, Nanded is functional since 2004 and registered on 04th August 2021 by the Assistant Charity Commissioner Office, Nanded division, Nanded with registration No. Nanded/0000104/2021 to develop strong bond between alumni, institution and present students.

2. Alumni Association of N.E.S. Science College, Nanded has established N.G. Bhalerao High School in N.E.S. campus way back in 1976.

3. Number of students registered under alumni association in last five years are **1217.**

4. Institute maintains strong bonds with passed out students of last five years. It also maintains strong relations and communication with old alumni by organizing alumni meet. Alumni meet of 1971-73 batch was organized in 2016.

5. In last five years institution has successfully organized 14 alumni meets in college. Alumni voluntarily donated the funds to help poor and needy aspirants.

6. Some prominent activities undertaken by Alumni are –

- Renovation of boy's hostel done by the financial support of alumni.
- Significant financial contribution given by faculty/alumni for construction of classrooms/ labs.
- Donation of large number of valuable books by alumni.
- Alumni cooperated in organization of placement drive on campus.
- Alumni sponsors prizes/awards for meritorious students.
- Motivational/ inspirational speeches delivered by alumni (guest lectures).
- Publication of quarterly Alumni magazine "Essence of Science" by Alumni Association.
- Active participation in Tree plantation programme by alumni.
- Support for participation in sports and cultural events.
- Feedback on current trends and suggestions to achieve predetermines goals as well as infrastructural development of college.

7. Since ours is the premier institute in this region, the alumni of the institute are well placed in diversified field like education, research field, business National and international institutes like ISRO, NCL, NPL etc.

8. Some of the bright alumni of our institute are as follows-

- Our bright alumni Tanuja Patki (Deshpande) working as Scientist in ISRO and actively participated in successful Chandrayan-3 National mission.
- Four notable alumni who were Vice-chancellors of Universities namely Dr. Chandrakant Kokate, Dr. N. V. Kalyankar, Dr. Arun Jamkar, Dr. Ravindra D. Kulkarni.
- Shri. Hemant Patil is MP of Hingoli constituency
- Shri. D. B. Patil was MP of Nanded constituency
- Dr. Satish Deshpande is a member of MPSC
- Shri. Mahendra Kalyankar is Divisional Commissioner of Kokan region
- Shri. Rahul Rekhawar worked as collector of Kolhapur district and presently working as Secretary of MAHADISCOM.
- Dr. Manoj Sharma, Mayank Aqua, Gujrat is a successful entrepreneur at national level.
- Total 31 alumni are placed as Assistant Professor in different senior colleges.

9. Some of the major activities conducted by Alumni Association

- Inauguration of Dr. Venkatesh Kabde Academy for Competitive Examination at boy's hostel.
- One Day National Seminar on Alumni Association: Role and Responsibilities and Expectations on D. 27/10/2021.
- One Day Informative Seminar on Funding For Research Projects in DBT on 17/08/2022.
- Total 145 Book donated by alumni.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.

Response:

The mission and vision statements of Nanded Education Society, Nanded clearly reflect the distinctive features of the institute.

Vision

"To educate and transform the youths to touch life at all points with human values".

Mission

The Mission of the institute is "The aims and objects of the society shall be to start and takeover educational institutions and to supplement the educational endeavors of the Maharashtra state by imparting to the youths of this state generally and Marathwada particularly, an efficient primary, secondary, technical and university education, with a view to infusing in them the spirit of enlightened and responsible citizenship, worthy of a secular, democratic state. To this end the society shall open and takeover institutions and shall take other steps as may be most conducive to the attainment of the aims and objects".

To provide high-quality science education, that is effective in converting young people to touch life at all points with human values and accept global challenges to produce graduates from the institution that performs with illuminating color in all spares of life, reflecting the college goals to enable students to become strong, independent, accountable and secular individuals, professionals and citizens Via Science educations. The institute has major role to provide higher education to the under privilege people of Marathwada region when there was no education facility available in Marathwada region.

Decentralization and Participation in the Institutional Governance

The Governing Council of Nanded Education Society plans for the development of the institution by setting values and participative decision-making process to function in tune with the vision and mission of the institution. The faculty of the college is the members of Governing Council and participate in decision making policy. The Governing Council of the institute delegates authority to the Principal, CDC and IQAC. The policy for the development of the institute is decided in the governing council for the effective implementation.

Responsibilities are given to the IQAC Coordinator, Vice-Principals, Heads of the Department, Convener of various Committees, Director of Physical Education, Librarian, Registrar and Office Superintendent.

The IQAC prepares the perspective plan which is in accordance with vision and mission of the institution. The perspective plan focus upon matters like infrastructural development, introduction of new programmes, enhancement of quality in teaching-learning process, promotion of research, healthy practices, etc. The plan is approved by College Development Committee. In order to maintain transparency in the administration, various committees comprising members of teaching and non teaching faculty who are actively involved in the curricular and co-curricular activities as well as administrative functions of the Institution.

NEP implementation,

As per the Government policy and University, the National Education Policy is implemented from the academic year 2023-24 to PG courses and to UG courses from the academic year 2024-25. The NEP committee is constituted for successful implementation in the college. The IQAC and NEP Committee organized workshop and seminars for the faculty and students.

Sustained Institutional Growth

By the good governance and the leadership of the institute as per the plans prepared for sustainable development of college which are implemented successfully by the Principal, CDC and Faculty. The improvement in physical facilities and academic growth of the college that reflect the achievement like three times "A" grade by NAAC, Best College Award from affiliated University, DST-FIST, CPE status and NIRF-72.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1

The institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc

Response:

- **Perspective Plan-** The governing council of management, College development committee and IQAC has effectively deployed the perspective plan for the College. The functioning of the plan executed by the direction of governing council through the Principal, IQAC and CDC. It is executed by holding regular meetings which support in achieving the institutional goals, vision and mission. The perspective plan constitutes the institutional policies and procedures which present rules and regulations for admissions, discipline in the campus, research, appointment, promotion, service rules, academic activities, support services, finance and administration. For

execution of these plans and policies, faculty, administrative staff and students actually participated. Teaching and Non-teaching staff trained to use ICT for smooth efficient working. Administrative staff uses software in the office. Lab assistant and lab attendants assigned for maintaining laboratories. Library staff are well trained provide library as learning resource centre to the students. President of student council, representative of alumni and industrial stakeholders participate in college development committee.

- **·Administrative setup-** The college administrative setup comprises Governing Council (GC), College Development Committee (CDC), Principal, Vice-Principals, IQAC coordinator, IQAC Committee, HoDs, Registrar and Office Supt. of the college and student representatives.

Effective and efficient functioning of institutional bodies-

- **Role of GC and CDC** – GC and CDC take decisions for the progress of the institution's infrastructure, academic and administrative development. CDC finalizes the annual budget in the meetings for the approval of governing council of Nanded Education Society.
- **Role of IQAC -** IQAC of the college involved in policy making, benchmarks, monitoring of teaching-learning process, Outcomes of activities, conducts academic and administrative audit, finalization of AQAR. It encourages faculty to participate and organize National International Conferences, Seminars, and Workshops. IQAC has organized seminars, workshops on IPR and Research Methodology to promote innovative and interdisciplinary research work. The research policy is to motivate faculty to publish books and research papers in the journals of repute.
- **Appointment, service rules, and procedures-** Appointment and promotion of teaching and non-teaching staff is done as per the service rules of Maharashtra state government. Government and University rules and UGC regulation are followed for reservation policy and merits. The college strictly abides the rules of UGC and SRTM University for selection, appointment and promotion of teaching faculty under CAS.
- **Admission Procedure-** Admission rules, procedures and timeline are published in the news-papers, prospectus of college and also displayed on college website as per schedule. Faculty guides the students and parents for choice of subjects and discipline. Principal delivers lectures at the beginning of the year for the orientation of students.
- **The Role of Convener of the various Committees-** Conveners plan and execute extracurricular and curricular activities in the campus and beyond campus. To promote research culture in the institute, College strengthens infrastructural facilities by purchasing modern equipments, ICT facilities, etc. Grievance redressal cell in the college, solve the grievances of students by discussing with the principal head of the institute. Research committee monitors research activities. Encourage to prepare Minor and major research projects for submission to different financial agencies.
- **Research Promotion-** Institute provides infrastructure, equipment, laboratory and Library facilities to research scholars and faculty. Faculty and students encourage to visit National Research Laboratories. The students attend conferences, seminars, workshops, internship, Science Exhibitions and National Science Congress every year.

File Description	Document
Upload Additional information	[View Document](#)
Institutional perspective Plan and deployment documents on the website	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.2.2

Institution implements e-governance in its operations

1. **Administration**
2. **Finance and Accounts**
3. **Student Admission and Support**
4. **Examination**

Response: A. All of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	[View Document](#)
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	[View Document](#)
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

6.3 Faculty Empowerment Strategies

6.3.1

The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

Response:

- **Performance Appraisal System-**

The College adheres to UGC regulations and recommendations regarding the teaching staff's academic performance indicator. IQAC collects PBAS forms from all faculty members each academic year,

reviews them, and has a discussion with the principal. The college's IQAC and Principal get student feedback regarding the effectiveness of the teachers for teaching in the classroom and Office Staff members. The faculty and staff are informed about the teachers' performance, and the head of the institute provides instructions for improvement.

- **Effective Welfare Measures for Teaching and Non-Teaching Staff-**

The Science College Offers comparable welfare programs and measures for both teaching and non-teaching personnel. It offers enough chances for staff members' academic and professional growth. College supports academic faculty in pursuing research projects, finishing Ph.D.s, and post-docking Faculty members are also permitted to take duty leave at the college to attend different seminars, conferences, orientation programs, refresher courses, etc. Faculty members are encouraged by the college to apply for major and minor research projects through various university, DST, and UGC initiatives. There is 400 meters running track, indoor hall, cricket, football, volleyball, tennis courts, and canteen facilities.

1. Opportunities provided for career development and progression of staff
2. Health checkup camps for teaching and non-teaching staff members.
3. Financial Incentives and assistance in emergency of faculty through Credit Cooperative Society, Science College, Nanded
4. Other facilities like: Canteen facility at affordable rates,
5. Felicitation of the faculty for award and achievements.
6. As per Government rules medical reimbursement and non refundable PF loans facility.
7. Non-teaching staff are trained to enhance their skills through organization of instrumentation workshops, seminars and hands-on training.
8. RO Drinking water supply.
9. College uniform and washing allowances are given to non-teaching staff for their upkeep.
10. The college has N.E.S. Science College Employees Credit Cooperative Society which provides financial support in the form of loans with minimum interest rate for the welfare of faculty.
11. The Credit Co-op Society encourages and motivates employees by rewarding their children with cash prizes and incentives based on their academic achievements. Society offers a unique interest-free loan for medical crises.
12. The sports facilities are given to faculty in sports complex of the college.
13. Festival loan facilities for non-teaching staff.

- **Avenues for Career Development or Progression**

1. The college promotes participation of teaching and non teaching staff in competence and capacity building programmes like OC, RC, STC, FDP, and training programmes.
2. Facilities for GPF,DCPS, NPS and gratuity are also provided as per the government rules
3. There is a provision for TA/DA and duty leaves for participating/attending conferences, workshops, symposiums, STC, and Professional Bodies Membership Programmes.
4. It offers yearly group insurance against accidental deaths.
5. The college provides research lab and central instrumentation lab facilities for research and quality publications.

- **Teaching Staff Promotion Policy**

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

- **Non-Teaching Staff Promotion Policy**

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.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.3.2

Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 6.2

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

2022-23	2021-22	2020-21	2019-20	2018-19
7	2	1	3	4

File Description	Document
Policy document on providing financial support to teachers	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.	[View Document](#)
Audited statement of account highlighting the financial support to teachers to attend conferences / workshop s and towards membership fee for professional bodies	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

6.3.3

Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Response: 50.81

6.3.3.1 **Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP),** *Management Development Programmes (MDPs)* **professional development /administrative training programs during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
85	47	76	35	38

6.3.3.2 **Number of non-teaching staff year wise during the last five years**

2022-23	2021-22	2020-21	2019-20	2018-19
58	55	55	55	56

File Description	Document
Refresher course/Faculty Orientation or other programmes as per UGC/AICTE stipulated periods, as participated by teachers year-wise.	View Document
Institutional data in the prescribed format	View Document
Copy of the certificates of the program attended by teachers.	View Document
Annual reports highlighting the programmes undertaken by the teachers	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

6.4 Financial Management and Resource Mobilization

6.4.1

Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

Institution has strategies for mobilization and optimal utilization of resources-

1. **Strategies for mobilization**

The institute has strategies for mobilization of resources. It verifies the budgetary support, funds raised, availability of resources, and commitment from agencies and stakeholders, as well as the landscape accessible to improve internal revenue generation and to fortify relationships with stakeholders in order to create revenue. Monitoring and assessing the mobilization of resources.

- The primary source of income for the institute is the tuition fees collected from students.
- Events like seminars and workshops are sponsored by a number of governmental and non-governmental organizations.

- Alumni support the institute for Boy's hostel renovation, Boy's hostel garden, maintenance and beautification, Organizing guest lectures and other co-curricular programmes for students, Donation of benches and chairs to boy's hostel, Donation of Water Storage Tank and solar system for boys hostel, Reading room and guest room in boy's hostel

- **Mobilization of resources**

The College mobilizes and secures funding with the following agencies and strategies:

1. Funds Mobilized from Salary Grant, Non-salary, Self-financing courses, UGC and Maharashtra Government Grants, RGSTC and DST.
2. Funds mobilized from NSS, NCC, University funding for research projects, Management, Consultancy services, Alumni and donors, Scholarship and Tuition Fees and Scholarships for SC/ ST/ OBC/SBC

Optimal Utilization of resources:

1. The college promotes research, development, consultancy and such other activities, involving the faculty at various levels.
2. The sizeable financial assistance received from NGO is utilized for establishing Digital Computer Lab.
3. The funds received under minor research project are utilized for strengthening R&D.
4. Travel grants are sanctioned to faculty to present research papers at or to attend National or International level.
5. Optimal utilization of laboratories is ensured through shift wise practical time table of UG and PG courses and under school connect programme for nearby schools.
6. The available physical infrastructure is optimally utilized beyond regular college hours in two shifts and to commence remedial classes, co-curricular activities and extra-curricular activities.
7. The college infrastructure is optimally utilized for examinations of central Govt., state Govt. and University.
8. Central library is kept open during the college hours for the benefit of students, faculty, and alumni and at the time of examination reading room is kept open upto the late hours.

d) The College has well established mechanism for maintaining existing resources.

The college has set of procedures for maintenance of infrastructure and equipment. This is primarily attained through the monitoring of various committees like Purchase Committee, Campus Development Committee, Infrastructure committee and IQAC with necessary support systems. Mechanism of financial management for optional utilization of resources is kept for discussion and for formal approval before CDC, forwarded to GC wherein approval is given. Building maintenance and infrastructure up gradation, Laboratory renovations, Library upgradation and Sport Facilities Maintenance, ICT Maintenance, Research Facilities upgradation, etc.

1. **Financial Audits**:

The Science College conducts both internal and external financial audits on a regular basis by the government-approved auditor. Every year, the internal auditor conducts an internal audit and compiles a report by end of July. The external audit is done by the senior auditor from Joint Director Higher Education Office by verifying and scrutinizing the report. Accountant General, Nagpur does the external audit for every five years.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

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. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

Internal Quality Assurance Cell was formed by the institution back in 2005. The institution strives to guarantee in quality at all facets of its operations as a matter of policy.

- IQAC involves and promotes the participation in the NIRF and ISO Certification. In the National Institutional Ranking Framework (NIRF) India Ranking 2017 our college ranked 72 in college category.
- IQAC undertakes the University Committee's for external Academic and Administrative Audit, the Green Audit, Energy Audit, Environment Audit and the Internal Academic and Administrative Audit.
- IQAC prepares and submits of proposal for financial assistance to various Govt. agencies viz. PM-USHA to Government of India, Star College to DBT, B.Voc., minor research project to SRTM University and Rajiv Gandhi Science and Technology Commission, DST-FIST, Proposal for Sports facilities on campus and proposal to National Commission for Women (NCW) submitted to Govt. agency.
- IQAC conducts seminars and workshops on IPR, research methodology, Entrepreneurship, add on, value added courses, soft skills and career development programmes.
- To promote research attitude among teachers and students through organizing seminars, conferences and workshops.
- MoUs signed with educational institution, NGOs, industries, and University department and encouraged to keep it functional.
- IQAC conducts various professional skill development programmes, off campus placement drives, Alumni Meet and Parents Meets.
- IQAC motivated to organize AVISHKAR- a Research Festival and encouraged faculty to publish their research paper in the journals of national and international repute.
- 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.

ICT Supportive Teaching Learning

- The IQAC organized NAAC, Bengaluru sponsored One Day Online National Level Seminar on

"Innovations in Teaching-Learning and Evaluation Process in Affiliated Colleges" on D. 21st September, 2021.

- IQAC has promoted and ensured the use of ICT supportive TL Process using Power-Point presentations, mobile apps like YouTube Channel, Teachmint, Zoom, Google Meet, Google Classroom, and software like OBS, Microsoft Teams online server for teaching. Teachers are encouraged to create and use of YouTube Channel, Website, and Blog for online teaching. The teachers have prepared their videos and PPTs for effective teaching and used Audio Visual Tools and equipment like computers, T.V., laptops, camera, microphones, headphones, tablets, scanner, pen drive, printer, digital camera and CDs are made available. The teaching learning process and its review become effective due to use of Learning Management System (LMS) software.

- **Review of Teaching Learning Process by Online Feedback System-**

The IQAC and the college feedback committee have developed online feedback forms for Student Satisfaction Survey (SSS), CO, PO and PSO Attainment and feedback about the curriculum and quality of teaching, learning and evaluation. The analyzed data received through feedback is employed for quality enrichment of curriculum, infrastructural facilities, expansion of research facilities which consequence in student progression and quality research. The IQAC prepare action taken report.

Introduction of New Programmes and Courses-

The IQAC recommended new programmes and courses like M.Sc. Applied Mathematics, M.Sc. Microbiology, M.Sc. Statistics, M.Sc. Fishery Science, 30 Certificate Courses and 02 Diplomas. Students are motivated to enroll for the courses of SWAYAM and NPTEL.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.5.2

Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented
2. Academic and Administrative Audit (AAA) and follow-up action taken
3. Collaborative quality initiatives with other institution(s)
4. Participation in NIRF and other recognized rankings
5. Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.

Response: A. Any 4 or more of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	[View Document](#)
NIRF report, AAA report and details on follow up actions	[View Document](#)
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)
Link to Minute of IQAC meetings, hosted on HEI website	[View Document](#)

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.

Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words

Response:

The college maintains gender equity and it is committed to keep a "safe and secure" environment for all students. Every year, the college takes steps to promote gender equity. We follow co-educational system at our institute, where the admissions of girls outnumber the boys.

The institution provides safety and security facilities for the staff and students such as CCTV Surveillance throughout the campus and security arrangement. Students' uniform with ID cards is mandatory and visitors are checked by security. The institution has a dedicated Counseling Centre and good mentoring system for the students to take care of their academic, emotional, social and cognitive development. Personal Counseling is provided to the students at different levels. There are separate washroom facilities for girls and boys. Washrooms are provided with sanitary napkin vending and disposal machine for the safe and hygienic disposal of sanitary napkins.

The college provides safe and protected zone for girl students and secured girls hostel. There is no discrimination on the basis of gender, caste, creed, religion and physical disability. There is a separate section for girl students in college canteen.

The institution constituted the following committees as per norms laid by University/UGC: Institution Grievance and Redressal Cell, Anti-Ragging, Sexual harassment prevention Cell, Students' Disciplinary Committee, Women Grievance Redressal Cell, Welfare & SC/ST Students Welfare Committee, Safety & Disaster Management Committee, Equal Opportunity Center and Mentoring Programme Cares for the well-being of students and staff in the institution. The functions of these committees are displayed on the website of the institution and information is being disseminated to the students through orientation and induction programs.

1. Health Checkup of Girl students.
2. Talk on AIDS Awareness: Women's Vulnerability.
3. Celebration of Birth Anniversary of Indira Gandhi: The Spirit of Leadership.
4. Jijamata Jayanti: A Great Mother of Maratha King Shivaji Raje.
5. Savitribai PhuleJayanti: Pioneer of Women's Education.
6. Women's Day Celebration: talk on Laws for Woman's safety.
7. Talk on Rajarashi Shahu Maharaj Jayanti: His Contribution for Men and Women's Education.
8. Annabhau Sathe Jayanti: A Talk on his Philosophy of Humanity.
9. Human Rights Day celebration.
10. One month training program on 'Entrepreneurship Development'

11. One Day Skill Oriented Program on Professional Cake Making and Icing.
12. One Day Seminar on Women Health, Yoga & Diet Awareness.
13. Organization of One Day National Seminar on Positive Thinking through Yoga and Meditation.
14. The Campus Cleaning Activity on the occasion of Women's Day Celebration.
15. Guest lecture on Importance of Women's Education on theoccasion of Mahatma Jyotiba Phule Jayanti Celebration.
16. Health checkup, Skin Care, Eye checkup and assignment under "*Mother Safe to Home Safe Campaign*".
17. Every year Seven-Day Special Annual NSS Camp is organized.
18. Guest Lectures on Personality Development, Women Empowerment , Computer Literacy, Child Marriage Prevention Act, Kitchen Gardening.
19. Competitions for girls: Healthy Recipe, Painting, Debate, Rangoli, Singing, Dance, Fashion Glam-up Show and Best from Waste.
20. One day Workshop on Cyber Security and Social Media Awareness.
21. Awareness Programme for Women "*Premswarup Aai*"
22. Celebration of '*Wachan Prerna Din*'

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

7.1.2

The Institution has facilities and initiatives for

1. **Alternate sources of energy and energy conservation measures**
2. **Management of the various types of degradable and nondegradable waste**
3. **Water conservation**
4. **Green campus initiatives**
5. **Disabled-friendly, barrier free environment**

Response: B. 3 of the above

File Description	Document
Policy document on the green campus/plastic free campus.	[View Document](#)
Geo-tagged photographs/videos of the facilities.	[View Document](#)
Circulars and report of activities for the implementation of the initiatives document	[View Document](#)
Bills for the purchase of equipment's for the facilities created under this metric	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

7.1.3

Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

1. **Green audit / Environment audit**
2. **Energy audit**
3. **Clean and green campus initiatives**
4. **Beyond the campus environmental promotion activities**

Response: B. Any 3 of the above

File Description	Document
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	[View Document](#)
Policy document on environment and energy usage Certificate from the auditing agency	[View Document](#)
Green audit/environmental audit report from recognized bodies	[View Document](#)
Certificates of the awards received from recognized agency (if any).	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

7.1.4

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of

students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

Initiatives in Providing an Inclusive Environment

The college is proactively taking efforts in providing an inclusive environment. The initiatives are to promote better education, economic upliftment of the needy, and set communal harmony. College has conducted lectures in the villages for increasing their environmental and ethical awareness. The extension activities are targeted towards enabling a holistic environment for student development. College has always been at the forefront of sensitizing students to the cultural, regional, linguistic, communal, and socio-economic diversities of the state and the nation.

- **Tolerance and Harmony Towards Cultural Diversity**

The college has been preserving country's composite culture. 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. The college allows celebrating the religious festivals and cultural activities. Initiative in providing and inclusive environment of tolerance and harmony towards cultural college has conducted various programmes like "Palaspan-2023 Cultural Programme". In this Cultural Programme various competitions like Singing Competition, Cultural Programme Dance Competition, Drama Competition, gathering, vivek-tarang

- **Tolerance and Harmony Towards Regional Diversity**

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 promotes the spirit of common brotherhood amongst all the stake holders of religious, linguistic, and regional or sectional diversities.

- **Tolerance and Harmony Towards Linguistic Diversity**

The equal importance is given to Indian and foreign languages. Hindi, Marathi, English and Sanskrit are taught to the students. The College organizes state level debate competition on current issues in the nation, State Level Competition Speak for India Elocution Competition is organized collaboration with Times of India, Poetry, Essay and Poster Presentation in various languages.

- **Tolerance and Harmony Towards Communal Socioeconomic Diversity**

The college does unbiased appointments and nominations to any post. The college conducts of programmes on secularism, financial assistance to the students on a common parameter that is economically disadvantaged through the earn and learn scheme. The lecture series has been organized by the management to enhance the socio-economic harmony. NSS has organized various street plays for awareness against social harmony. IQAC in collaboration with Girls Activities Committee has conducted Feminine-2022 competition to promote girl's students' participation by conducting various

competitions.

- **Sensitization of Students and Employees to the Constitutional Obligations: Values, Rights, Duties and Responsibilities of Citizens.**

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.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

7.2 Best Practices

7.2.1

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

Response:

1. **Title of the Practice: Science Exhibition for school and college students.**

   Objective of the Practice:

   1. To educate the students about basic concepts discoveries, innovations, and experiments.
   2. To inculcate scientific attitude in the young generation.
   3. To develop the skills of leadership.
   4. To create innovative ideas among the students.
   5. To inspire the students developing startups and entrepreneurship

The Context:

1. Hands-On Displays: Science exhibitions often incorporate displays that allow visitors to actively engage with concepts.
2. Diverse Topics: Science exhibitions encompass an array of disciplines, including physics, chemistry, biology, astronomy, environmental science, and other related fields.
3. Educational Content: Science exhibitions provide forms of content including informative panels, videos, live demonstrations, and guided tours.

4. Innovation and Technology: The science exhibition showcases cutting-edge technologies and groundbreaking innovations.
5. Outreach and Engagement: Students, teachers, other stakeholders and society benefit from these exhibitions.

The Practice

This practice runs in the college since 2012 for development of scientific attitude among the school and college students. In this practice students present their innovations and ideas in the various subjects with the help of posters, models, computers and LCD projectors. The examiners evaluate the projects and give results according to which prizes are distributed to encourage the students for next year participation.

Uniqueness:

- This practice is initiated by our college in the university jurisdiction.

- Students from Medical, Engineering, Basic Sciences and Applied Sciences discipline participated.
- Expansion of research ideas.
- Students learn research methodology.
- Showcase the innovations and emerging technologies.
- To have the interactions within the team and among the visitors.
- It helps to emerge budding scientist among the participants.
- Human organs are displayed for the sake of knowledge.

Constraints/Limitations:

- Most of the students are not aware of how to develop ideas.
- Due to huge response of the students it was difficult to manage the event even then the exhibition was made successful.

Evidence of Success

- 646 students are participated in the science exhibitions.
- Scientific attitude is developed among the students.
- New ideas for the preparation of models, posters acquired by the students.
- Students present research ideas which are thereafter developed for entrepreneurship and startups.

Problems encountered are-

- To motivate students to participate is time taking.
- Time constraint to develop the innovative ideas among the students.

Resources required-

- The required resources were faculty, judges, guides, trained trainers and faculty to handle the responsibilities assigned.
- Equipment's, audio-visual aids, electricity backup and generator facility, display boards,

electrification.
- Financial resources to update the knowledge, technology and infrastructure time to time.

Title of the Practice: Best from Waste

Objectives of the Practice:

- To look into new approaches producing attractive items out of waste material that benefit society and are environmental friendly.
- To encourage students to use recycled materials
- To produce bio-fertilizer and vermi-compost made from garbage and plant waste.
- To produce and sell vermi-compost.
- To create awareness among farmers of the impact of chemical fertilizers on soil fertility and use of vermi-compost.

The Context:

- The "Eco-friendly Committee" is established by the institute to ensure eco-balance and environmental preservation. The "Best from Waste" state-level competition, which is organised by the eco-friendly committee each year, promotes environmental awareness among college students.

- A variety of events, including workshops, campus cleanliness initiatives, environmental awareness campaigns, tree plantation, poster presentations for environmental awareness.
- Students from various universities took part in the "Best from Waste" competition and created a variety of models and posters using various forms of waste.
- Students create manure and vermin-compost using garbage and tree leaves from our college's 45-acre campus.
- Compost from vermin is a valuable source of humus and nutrients. All crop leftovers and organic waste are efficiently converted by it.

The Practice

1. We started composting vermin using the pit and bed approach. Composting is done in 5.5x26.5x3-foot cemented pits with a 2.5x3.5-foot outlet. The pits are constructed in the cool, damp, and shaded area. Green mesh covers the object. Cow dung and chopped dried leafy material were combined in a 1:3 ratio and maintained for 15 to 20 days. A layer of 15 to 20 cm chopped dried leaves were kept as bedding material at the bottom of the bed. Each bed was contained1.5 to 2 sq.ft. of raw material. The numbers of beds were increased as per raw material availability. The earthworms were released on the upper layer of the bed. The water was sprinkled immediately after release of worms. The beds were turned once after thirty days for maintaining aeration and proper decomposition. The compost gets ready in 45 to 50 days. Harvesting was done when raw material was completely decomposed and it appeared black and granular. The watering was stopped and composts get ready. The compost was kept over a heap of partial decomposed cow dung for migration of earthworm to cow dung from compost.
2. After two days compost was separated and sieved and packed in small labeled bags which are used for home gardening and college gardens. A lush green garden, medicinal plant garden, green house, fruit plants are maintained with the use of Vermin-compost produced in the campus.

Evidence of success:

• Students prepare different ornamental articles from waste materials.

- Students participated in the workshop conducted have been prepared some creative and beautiful models from e-waste, plastic waste and plant waste.
- Students get benefited from the Vermin-compost practice implemented in the campus. They share their knowledge with farmers and other stake holders. They even apply in their own farms.

Problems encountered-

Earthworms do not survive at high temperature is the problem encountered for vermi-composting. The protection of vermi-compost unit from other animals is also difficult task. There were problems of Ants, Snakes, termites, centipedes, rats, pigs and birds. Preventive measures were taken to protect the pits and earthworm by regular monitoring, fencing and application of anti termites along the boundary of pits and applying 4 neem based insecticides before filling the heap.

Resources required-

The resources required for vermin-composting are

- Pit
- Plant waste particularly leaves
- soil
- cow dung
- water
- jaggery
- inoculum-earthworms
- Sieve
- Collection pots
- Packing bags
- Sealing machine
- Finance
- Human resource

File Description	Document
Best practices as hosted on the Institutional website	[View Document](#)

7.3 Institutional Distinctiveness

7.3.1

Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

- NET/SET/PET/GATE Guidance

Objectives of the Practice:

1. To create awareness about NET/SET/PET Exam for Ph. D.
2. To promote and encourage students for participation of examinations.
3. To help the students for achieving their career goals.
4. Providing subject base knowledge regarding their exam.
5. Solving their problems personally or virtually.
6. To help students, to communicate amongst each other thus enhance their learning skill and objectives.

Introduction:

NET and SET exams are annual assessments to establish eligibility for aspiring Assistant Professors or lecturers. The National Eligibility Test (NET) operates nationally, determining candidates' qualifications for Assistant Professor roles or Junior Research Fellowships (JRF) across Indian universities and colleges.

1. According to the University Grants Commission (UGC) the passing of the National Eligibility Test (NET) / State Eligibility Test (SET) is mandatory for aspirants wanting to join the teaching fraternity in senior college. But the task of clearing this exam is a daunting one.
2. NET is the gateway to lectureship or for joining the research fellowship in colleges. Out of lakhs of students who appear every year, only thousands clear NET.
3. To equip these aspirants with the right methodology to study and crack these exams was the motive behind organizing 'Guidance workshops'.
4. Today there are many aspirants who are trying to obtain the NET/SLET qualifications necessary for being appointed as an Assistant Professor in colleges. Such aspirants require proper guidance.

Mechanism

- Science College organizes SET/NET coaching classes for the students to enable them competent in facing SET/NET examination.
- The coordinator of the NET/SET Committee plans the structured programme to organize NET/SET coaching for PG students of all departments.
- This committee prepares timetable along with the topics and expert resource persons to be invited from various institutions and states.

- Students of PG are registered from various universities like Swami Ramanand Teerth Marathwada University, Nanded and Dr. Babasaheb Ambedkar Marathwada University, Sambhaji Nagar.

- Daily 6 hours teaching.
- Focus on problem solving and discussion on various concepts.
- Preparation of MCQ's.
- At the end the demo examination is conducted for checking the attainment of defined objectives.

- All the faculty members of department conducting lectures along with resource person.
- Notes are provided to the students for further practice.

Uniqueness-

- Result oriented and the most successful training programme in the Maharashtra state.
- Perfection in syllabus formation for these classes.
- Adequate time to solve the queries and doubts of the participants.
- Renowned resource persons having more than ten years of experience in his/her domain.
- Study material for assured success in examination.
- Special faculty for the paper I with exclusive sessions.
- Conducting theory sessions on each unit from paper II as well as focus to build up MCQ mindset of the students, unit wise coverage of syllabus.
- SET/Net coaching classes are organized for students with minimum charges considering the financial conditions of poor students.

Problems faced-

- The problem is vast syllabus and less time for preparation.
- Expert resource person for some of the topics.
- More number of registrations difficult to handle effectively.
- Slow learners take more time to understand the complex concepts.
- Insufficient arrangement of hostel facility for the student participants.
- Zoom capacity of our college is of limited participants.

Evidence of Success

- These workshops help students to prepare for competitive examinations with the help of group study and in scheduled pattern.
- These workshops provided subject based knowledge regarding their examinations.
- Awareness about SET/NET/PET examinations among the students is created successfully.
- 632 students appeared for the competitive and SET/NET/PET examinations after completion of this coaching.
- 220 students qualified SET/NET/PET examination and successfully achieved their career goals.
- The committee has designed evaluation method as per UGC pattern and undertaken the test examinations for students which have provided practice to the students.
- Students have suggested some requirements in their feedbacks at the end of coaching sessions which helped to improve the organization of future workshops.
- Numbers of students of our college are selected for the post of assistant professor at various notable institutions.
- The students who qualified for NET-JRF qualified students joined as research fellows and availed various fellowships schemes like SAARTHI, MAHA-JYOTI, BARTI, CSIR-UGC NET, NET-JRF, DST-INSPIRE, DST/WISE-Ph.D., TRTI, etc.
- Students who qualified SET/NET examinations are exempted from Ph.D. entrance PET examinations as per the university norms and could get the admissions for Ph.D. programme.
- Due to these success and results of workshops students are attracted to get admissions in our college.

Problems solved-

- The students are from poor financial conditions so they cannot pay fees for such workshops sometimes it becomes more expensive for the college to pay the remuneration of outstanding resource persons.
- These workshops require resources from various disciplines it is hard to manage their schedule.
- Hostel facilities are not adequate for all participants coming outside from our college.
- Resource persons for interdisciplinary and applied sciences are scares.
- Internet issue while conducting online workshops.

Requirement-

- SET/NET/PET Committee for organization of workshop.
- Availability of time our staff to guide students in this workshop.
- Resource persons of various disciplines.
- Availability of relevant books,
- Question papers and question banks with solution for practice study
- Printing machines to supply study material
- Lecture hall with audio-visual aids.
- Internet facility with highest speed, Zoom platform and Google Meet platform.
- Library facilities
- Drinking water and canteen facilities
- Hostel facility
- Financial support

File Description	Document	
Appropriate web in the Institutional website	[View Document](#)	

5. CONCLUSION

Additional Information :

- College has been made efforts for the appointment of 12 regular qualified faculty for UG & PG courses.
- During the assessment period total 2406 latest edition books purchased of Rs. 14,95,711/-
- The efforts have been made for organization of campus placement. Total 140 students placed in different government and private institutes.

- Total 117 students qualified IIT JAM/NET/SET/GATE exams.

- Teachers are encouraged to apply for major and minor research project. During assessment period 11 minor research projects completed and 06 minor research project proposals submitted to affiliated university under RGSTC.

-

  The institute has active alumni association. The total 12 alumni meets and re-union organized in the college.

- College has introduced 35 certificate/value added courses/ job-oriented courses/vocational courses/bridge courses and diploma.

- Special care is taken to improve student amenities specially for girls and women. Constructed 01 new washroom for girls and 01 new washroom for women staff.

- Boy's and Girl's section developed in the canteen separately.

- Constructed approach roads to the college.

- Efforts have been made for construction of separate library building with full library facilities for that a proposal for construction of Library building submitted to PM-USHA.

- During the assessment period there was no call of proposal by UGC for construction of girls hostel.

- There are 48 MoU's/Interdisciplinary linkages signed in teaching and research.

-

  ICT facilities are created in 6 PG classrooms. Computer lab developed in the department of Mathematics, department of Computer Science and in library.

- **Wi-Fi facility are made available on campus.**

- **60 Computers have been purchased with latest version of software.**

- **The Internet Resource Center is established for the students to work in regular hours as well as outside normal college hours.**

- **IQAC of college has been strengthened for better functioning and development of college.**

- **05 Skill development programmes have been organized for non-teaching staff.**

- **Letter for permission to construct staff quarters for non-teaching staff submitted to Nanded Education Society, Nanded.**

Concluding Remarks :

The founder chairman Poojya Swami Ramanand Teerth established "Nanded Education Society" in 1950 for catalyzing educational revolution in backward region of this Marathwada. Science College, a single faculty college of Nanded Education Society is one of the premier institution imparting quality educations to the students of this region since last 67 years. Swamiji in his vision of society emphasized the incorporation of spirit of enlightened and responsible citizenship in youth, essential for secular democratic India. The college is always poised to offer emerging contemporary education to the learners to fulfill the need of society as well as to meet global challenges. This institution has been on the forefront in pursuit of academic excellence and has attended potential for excellence (CPE) status from UGC. The college is DST-FIST sponsored, NIRF 72 at National level in college category and recently awarded as BEST COLLEGE AWARD by Swami Ramanand Teerth Marathwada University, Nanded. The main objective and mission of college is overall development of students in all respect like academic, physical, mental, spiritual and moral to build up good citizen for the Republic of India. The college has lush green campus of 45 acres of land for curricular and co-curricular activities for stakeholders. The college offers 15 programs at UG level and 30-subject combinations. To keep pace with the advancement and diversification in the field of science and technology some applied subjects like integrated Computer Science, Biotechnology at UG, M.Sc. Biotechnology; and Herbal Medicine at PG level have been introduced.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
1.2.1	**Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)** Answer before DVV Verification : Answer After DVV Verification :31 Remark : DVV has made the changes as per shared data template document by HEI .
1.2.2	***Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years*** 1.2.2.1. Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years Answer before DVV Verification: 	2022-23	2021-22	2020-21	2019-20	2018-19
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1812	714	60	889	303 | Answer After DVV Verification : | 2022-23	2021-22	2020-21	2019-20	2018-19
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1618	640	45	769	278	 Remark : DVV has made the changes as per shared data template document by HEI .
1.3.2	**Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)** 1.3.2.1. **Number of students undertaking project work/field work / internships** Answer before DVV Verification : 854 Answer after DVV Verification: 673 Remark : DVV has considered one student once for a year.
1.4.1	***Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website*** Answer before DVV Verification : A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website Answer After DVV Verification: B. Feedback collected, analysed and action has been taken

and communicated to the relevant bodies

　　Remark : DVV has selected the B. Feedback collected, analysed and action has been taken and communicated to the relevant bodies as per shared supporting document by HEI.

2.1.2	*Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years*

2.1.2.1. **Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
369	358	343	390	369

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
334	347	343	390	354

2.1.2.2. **Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
472	456	456	456	366

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
472	456	456	456	366

　　Remark : DVV has made the changes by looking at seats earmarked against admitted students.

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

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
23.52	2.88	0	0	1

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
21.24	2.22	0	0	1

	Remark : DVV has made the changes as per shared data template document by HEI .
3.2.2	**_Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years_** 3.2.2.1. **Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years** Answer before DVV Verification: 	2022-23	2021-22	2020-21	2019-20	2018-19
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17	9	4	5	9 | Answer After DVV Verification : | 2022-23	2021-22	2020-21	2019-20	2018-19
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12	4	2	3	4	 Remark : DVV has considered those workshops/seminars/conferences including programs whom conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship . More than 5 days training program not considered.
3.3.1	**Number of research papers published per teacher in the Journals notified on UGC care list during the last five years** 3.3.1.1. **Number of research papers in the Journals notified on UGC CARE list year wise during the last five years** Answer before DVV Verification: 	2022-23	2021-22	2020-21	2019-20	2018-19
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54	60	55	36	123 | Answer After DVV Verification : | 2022-23	2021-22	2020-21	2019-20	2018-19
---	---	---	---	---
28	31	22	18	64	 Remark : DVV has made the changes by verified the research paper in UGC List.
3.3.2	**Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years** 3.3.2.1. **Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years** Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
18	21	11	11	30

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
12	14	08	06	19

Remark : DVV has made the changes by considering only those books and chapters in which ISBN Number has been shown.

| 3.4.3 | *Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.* |

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
23	20	9	11	26

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
3	3	2	1	5

Remark : DVV has not considered NSS and NCC initiatives. DVV has not considered days, Jayanti's and festivals.

| 3.5.1 | *Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.* |

Answer before DVV Verification :
Answer After DVV Verification :37
Remark : DVV has made the changes by considered only functional MoUs.

| 4.4.1 | *Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)* |

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19

154.5	50.0	41.1	69.0	61.30

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
21.80	2.0	1.20	0.80	0.86

Remark : DVV has made the changes as per repair and maintenance expense.

5.1.2	*Following capacity development and skills enhancement activities are organised for improving students' capability*

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. ICT/computing skills

Answer before DVV Verification : A. All of the above
Answer After DVV Verification: B. 3 of the above
Remark : DVV has select B. 3 of the above as per shared report of SL No. 1 and 3 ,4 by HEI.

5.1.4	*The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases*

1. **Implementation of guidelines of statutory/regulatory bodies**
2. **Organisation wide awareness and undertakings on policies with zero tolerance**
3. **Mechanisms for submission of online/offline students' grievances**
4. **Timely redressal of the grievances through appropriate committees**

Answer before DVV Verification : A. All of the above
Answer After DVV Verification: B. 3 of the above
Remark : DVV has select B. 3 of the above as per shared report of SL No. 1 and 3 ,4 by HEI.

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 last five years**

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

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
38	70	00	41	12

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
24	47	00	18	3

Remark : DVV has made the changes by not considered awards for inter-collegiate competition.

5.3.2	**Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)**

5.3.2.1. Number of sports and cultural programs in which students of the Institution participated year wise during last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
44	15	9	14	26

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
25	9	4	6	11

Remark : DVV has not considered Jayanti and Days. Multiple activities, conducted on nearby dates, are considered as one event.

6.3.2	**Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years**

6.3.2.1. Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
29	3	2	5	6

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
7	2	1	3	4

Remark : DVV has considered one teacher once for a year. DVV has not considered those teachers whom received less than 2000 Rs.

6.3.3	*Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years*

6.3.3.1. Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), *Management Development Programmes (MDPs)* **professional development /administrative training programs during the last five years**

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
105	59	99	41	50

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
85	47	76	35	38

6.3.3.2. Number of non-teaching staff year wise during the last five years

Answer before DVV Verification:

2022-23	2021-22	2020-21	2019-20	2018-19
58	55	55	55	56

Answer After DVV Verification :

2022-23	2021-22	2020-21	2019-20	2018-19
58	55	55	55	56

Remark : DVV has given the input by considering one teacher once for a year.

7.1.2	**The Institution has facilities and initiatives for** 1. **Alternate sources of energy and energy conservation measures** 2. **Management of the various types of degradable and nondegradable waste** 3. **Water conservation** 4. **Green campus initiatives** 5. **Disabled-friendly, barrier free environment** Answer before DVV Verification : A. 4 or All of the above Answer After DVV Verification: B. 3 of the above Remark : DVV has select B. Any 3 of the above as per shared Report of SL No. 1 , 3 and 5 by HEI.
7.1.3	**Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following** 1. **Green audit / Environment audit** 2. **Energy audit** 3. **Clean and green campus initiatives** 4. **Beyond the campus environmental promotion activities** Answer before DVV Verification : A. All of the above

Answer After DVV Verification: B. Any 3 of the above
Remark : DVV has select B. Any 3 of the above as per shared Report of SL No. 1 , 2 and 4 by HEI.

2.Extended Profile Deviations

Extended Profile Deviations
No Deviations