SELF STUDY REPORT

FOR

3rd CYCLE OF ACCREDITATION

DAYANAND EDUCATION SOCIETY'S DAYANAND SCIENCE COLLEGE

DAYANAND SCIENCE COLLEGE, BARSHI ROAD, LATUR
413512
dsclatur.org

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

September 2021

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

At the time of liberation of Hyderabad from the clutches of Nizam in 1948, the five districts of the region had minimum facilities of education up to just the matriculation level. For higher education, students had to go to big cities like Pune, Mumbai or Hyderabad. The common students of the region could hardly afford this. After the independence, the most urgently felt need was to facilitate the people with good and affordable education to make them educated and able citizens of India. Taking into account the poor facilities of education in Marathwada region, the philanthropist, reputed merchant community of Latur, decided to establish higher education society at Latur. The founders established Dayanand Education Society (DES) and commenced Dayanand College in 1961 with Arts, Commerce and Science disciplines. In 1967, Science College got separated, while in 1971 Arts and Commerce became independent colleges. In 1961, the then Governor of Maharashtra Shri. Shriprakash set the founding stone of the building of DES and today it has branched itself into almost a mini University. The society's 22 acres of spacious campus incorporates independent spacious buildings of eight colleges, laboratories, boys' and women hostels and library building. A spacious canteen, a grand auditorium, society office, many well equipped play grounds, indoor stadium and lush greenery add to the educational environment of the campus. The parents crave to enroll the future of their children in the campus. The staff feels immensely honoured in serving this society. Initially Dayanand Science College was permanently affiliated to Marathwada University, Aurangabad up to 1995 and then to Swami Ramanand Teerth Marathwada University, Nanded. The college is recognized under 2 (f) and 12 (b) of the UGC Act. Started with the objective of offering good educational facilities at affordable costs to the common students, today it is serving the under privileged and vulnerable section of the society. There are more than 75% of the enrolled students in the college from socially and economically backward sections, minority and rural areas. The college offers 12 academic programmes, comprising of 02 UG, 06 PG level, 04 Ph.D. and Value-added courses.

Vision

The vision of our institution has been taken from the VEDA, Indian Ancient Vedic Literature.

The meaning in brief is, "Let all the noble, divine thoughts come to us from all directions of the universe." This is a Vedic mantra (Rig-Veda 1.89.1). The Complete richa (hymn or verse) is as under:

आ नो भद्राः क्रतवो यन्तु विश्वत् अदब्धासो अपरीतास उद्भिदः |
देवा नो यथा सदमिद्वृधे असन्न-प्रायुवो रक्षितारो दिवे-दिवे || 1.89.1 ||
ā no bhadrāḥ kratavo kṣyantu viśvato adabdhāso aparītāsa udbhidaḥ |
devā no yathā sadami d vṛdhe asanaprāyuvo rakṣitāro dive-dive || 1 ||

The vision statement is taken from Rig-Veda Samhita 1.89.1 - Rishi of this Sukta is Gautama and the deity is Vishvadevas. This Mantra is also found in Vajaseniya Samhita 25.14. This sukta is called as Shantipath sukta or Swastimantra, where Swasti means a blessing seeking the wellbeing of people. These mantras are used to invite peace and well being or drive away negative and destructive forces. Rig-Veda is one of the four vedas (Rigveda, Yajurveda, Samveda & Atharveveda). It is one of the ancient scriptures of hinduism dedicated to universal humanity. It is believed by scholars that the initial creation of Vedas took place during the early KURU kingdom (year 1200 to 1000 B.C.) Today it is very significant to be thirsty of infinite knowledge and aspire to gain noble and divine thoughts, wherever may be originated, from all over the world. Our teacher's and student's knowledge horizon will be expanded without any narrow compartmentation limits. Definitely it can be accomplished by such divine vision.

Mission

Mission statement:

- To establish and sustain a Meritorious Dayanand Pattern striving for excellence
- To enlighten students of rural area and empower them to contribute their services for national development

Goals and Objectives:

- To provide quality academic environment for effective teaching, learning and research in basic sciences
- To develop a scientific temperament through a strong academic foundation coupled with practical exercises
- To acquaint students with modern technology, advance research and its applications to enable them to face global challenges
- To motivate students for acquiring scientific skills and creativity
- To collaborate with stakeholders of higher education for quality science education and research
- To create socio-environmental awareness among students and masses around
- To build multidimensional personality of students

Considering the vision and mission of the college, the College has proved its distinctiveness by successfully establishing and sustaining a Meritorious Dayanand Pattern striving for excellence.

As a result of the proven track record of the college, it is recognized by national authorities such as UGC, CPE, DST-FIST, RUSA, NAAC and awarded as the Best College by the affiliating university. The College has got "O" grade in Academic Audit with 91.5 score out of 100.

The College has a number of collaborations for Unique & Distinctive Academic Activities for students,

teachers & researchers. During 2016-2021, 38 students were university toppers. Apart from the academic merit, the students achieve winners' position in co-curricular and extra-curricular activities at university, state and national level.

The college has university recognized research centers in four subjects (Chemistry, Mathematics, Physics, Microbiology) with 14 research supervisors and 18 research scholars of Ph.D. During the last five years, the faculty members have published 185 research papers. The college promotes PG students for research. Some faculty members are invited as a speaker in international conferences abroad.

The college has developed excellent infrastructural facilities for academic, sports and extra- curricular activities.

During 2016-2021 the college has received Rs. 8.28 Crores grants from funding agencies such as UGC, DST, SERB, ISRO, IISc, MHRD, MPCB, SRTMUN, NBHM, CSIR, INSA, MSIM etc.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

As pointed out by the NAAC Peer Team 2014, our 3 institutional strengths are;

- Supportive and generous management, dynamic Principal and committed faculty and staff
- Harmonious relationship among all the stakeholders
- Good academic ambience

Besides the above our institutional strengths are;

- UGC-CPE, DST-FIST, NAAC Re-Accredited "A" Grade College, Best College Award, Best Principal Award of University
- The oldest and the largest single faculty Science college in the University jurisdiction
- Establishing and sustaining a Meritorious Dayanand Pattern striving for excellence
- Research centre in Chemistry, Physics, Mathematics and Microbiology with 14 University approved supervisors
- 2 UG, 6 PG, 4 research programmes and many Short-Term/Value Added/Skill Based Career Oriented Courses
- Positive gender ratio for girls with 54.48% girl students
- Satisfactory students to mentor ratio of 28:1
- Highly qualified, experienced and students' friendly faculty giving experiential learning with numerous activities
- Vibrant research culture and research funds from UGC, DST, SERB, RUSA, ISRO etc.
- 14 MOUs and 32 Collaborations for student-teacher training, internship, research etc.
- Eco-friendly campus with green practices
- Good infrastructural facilities with labs, library, sports, boys hostel, women hostel, indoor stadium, Dayanand auditorium, canteen etc.
- 205 Computers & 14 laptops with internet connectivity, Wi-Fi Campus facility
- Satisfactory student to computer ratio of 10:1
- Automated library with INFLIBNET, OPAC, SOUL, e-LMS etc.

- SWAYAM – NPTEL Local Chapter for Online Education
- Noteworthy performance in university examinations
- Frequent organization of teachers' orientation programs and Students training programs
- Excellent student support, NSS, NCC, Cultural and Sports facilities
- Registered and functional Alumni Association
- Excellent ICT facilities and competent teachers for teaching-learning process
- Financial audit, Green Audit, Energy Audit, Academic and Administrative Audit
- Excellent work culture with enriching teaching fraternity
- Holistic development of students by active mentoring system
- Science for Vision, Inspiration and Prosperity (S-VIP), which aims at Science promotion through (S); Vidnyan Manch (V), INSPIRE Camps (I) and Programs of Lecture Workshops, Refresher Courses (P).
- "Students Encouragement through Financial Aid" (SEFA) to provide financial assistance to meritorious and needy students.
- INSPIRE SHE qualified students enrolment eavery year
- Regular organisation of entrepreneurship development camps and skill developmentt programmes

Institutional Weakness

- Socially and financially deprived background of the students
- Restrictions in appointing permanent staff due to Government policies
- Only 75 to 80% students regularly attend the lectures
- Limitation for placements due to geographical location and less salary offerred by the companes
- Majority of the students are from rural area and having lack of English language proficiency
- Lack of Autonomy in framing and revising curriculum

Institutional Opportunity

- Establishing research centres in life sciences
- Quality certifications/ recognitions such as UGC Potential for Excellence (PE) Status
- Academic autonomy
- Attracting more funds for students research
- Appointment of a Full time Employment Officer to liaison with industries and business establishments and arranging campus interviews and campus placements
- Faculties to apply for MRPs
- Interrdisciplinary research
- Incubattion centre
- Recruitmentt of more perrmanent staff in future
- Good Ranking in NIRF
- Establishing active Innovation Cell of MHRD

Institutional Challenge

- Catering to the contemporary academic and professional needs
- Orienting the institutional academic activities to locally sensitive and globally relevant issues

- Synergizing inter / multi disciplinary courses
- A full-fledged counseling centre to cater to the emotional and psychological needs of students
- Enhancing the placementt cell activities for recruitmentt in corporates

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

• Affiliated to SRTM University, the college follows university designed curriculum, prepares academic calendar, timetable and designs the COC courses syllabus. The 6 BOS members, contribute in designing the curriculum at university level. The students participate in science exhibitions/competitions, research events. The teaching aids, laboratory materials, books, periodicals and journals are provided by the college. • The college arranges industrial visits/computer awareness programmes /conferences/seminars/workshops/guest lecturers/study tours to ensure the effective implementation of the curriculum. • The students-teachers use ICT tools, smart boards, computers; well equipped laboratory facilitates etc. to improve performance. • Library offers computers with internet, INFLIBNET, N-LIST, SOUL-2.0, e-LMS software & DELNET. For slow and advanced learners, various programs are implemented. There are well-equipped laboratories with softwares such as MatLab, Digifrog, Zybro DLL (Language Lab) etc. • Due to covid-19 pandemic, the college has to re-plan curriculum delivery using ICT tools. The staff members used MS teams, Google Meet, Google classroom, Google forms, Whatsapp, Webex, YouTube, eLMS, Zoom etc. for effective curriculum delivery & for CIE such as project report evaluation, practical Viva-voce, seminars, practical exam paper submission etc.. • Internal Examination Committee (IEC) directs all the departments for conducting internal examination in the given duration and it is followed by the departments. • The College imparts co-education with positive gender ratio of girls' students. Out of 1516, there are 826 (54.48%) girl students. While framing curriculum, various cross cutting issues are injected into it. Along with imparting formal curriculum, the college consistently integrates various cross cutting issues related to Gender, Environment and Sustainability, Human Values, Professional Ethics etc. through various co-curricular and extra-curricular activities. Various cells and committees stage their programmes to inculcate these values among students. • Almost all teachers participate in setting of question papers and assessment process of the university. CBCS is implemented for all UG and PG programs. During last five years 28 add on/certificate programs are offered for students. The College regularly collects feedback on curriculum and about teachers from students, teachers, employers and alumni. The collected feedback is analyzed, presented in IQAC/CDC meetings, relevant action is taken.

Teaching-learning and Evaluation

• All the programs are in great demand from students. The students are admitted on merit and reservation basis as per university and Maharashtra government rules and regulations. The ratio of students to mentor is 28:1. The college has qualified and experienced full time teachers. • As the students are from diverse backgrounds and different competence-level, the slow and advanced learners are identified on the basis of marks obtained in previous examinations. Along with this, their regularity, language proficiency, competence, familiarity with practical skills, subject and technical knowledge are a few of determining factors revealing slow and advanced learners. • Special programmes for advanced learners include Science for Vision, Inspiration and Prosperity (S-VIP), and Student Encouragement through Financial Aid (SEFA) which are our best practices. Special attention is given to INSPIRE–SHE qualified students to sustain their merit. • Special programmes for slow learners include personal mentorship and counseling by mentors, ICT based teaching methods, special programs, practice of old question papers for better performance in examination. • Due to effective teaching-learning-

evaluation methods, the college has got reputation as one of the best colleges in the affiliating University and to secure top passing percentage consistently. To promote student centric learning process, classrooms and laboratories are equipped with smart boards and LCD projectors. The College library is enriched with physical and e-books/journals, internet facility etc. • Teachers use ICT enabled tools for effective teaching-learning process. The innovation and creativity has resulted in appreciable attendance and better involvement of students in learning process. • The College Internal Examination Committee ensures smooth and transparent conduct of examinations. The internal assessment schedule is planned and conducted as per academic calendar/guidelines of affiliating university. The HoDs look after effective monitoring and timely implementation of internal assessment with a predetermined schedule for assignments of students and tests/seminars. • The Exam Grievances redressal mechanism is developed at two stages - internal examination (College level) and University examination (University level). • The curriculum has well defined POs, PSOs and Cos, which are displayed on college website (www.dsclatur.org) which is regularly updated. They are also displayed in the campus.

Research, Innovations and Extension

• The College has received Rs. 150.256 lakhs research grants from Government Agencies during 2016-17 to 2020-21. Four Research Projects have been sanctioned to Dr. M. B. Pandge. 1. DST Inspire Faculty from DST GOI, 2. Science and Engineering Research Board, (SERB) GOI, 3. Department of Space, GOI. • Fourteen teachers are university recognized research guides. During last five years 25 research scholars are registered for Ph.D. and 18 are researching. • The college takes initiatives for developing an innovative ecosystem. Well-equipped research laboratories with modern infrastructure and sophisticated scientific instruments have been developed. • Department of Chemistry, Physics, Mathematics and Microbiology have university recognized research centers and have MOUs with different research institutions. • Students are encouraged for research activities like Avishkar and Anveshan Science exhibition • During the last five years 185 research papers in UGC approved and SCOUPUS journals have been published by faculty and students. • In INSPIRE camps and Vidnyan Manch, eminent scientists from national and international institutes are invited to motivate students for research. • Continuous air monitoring of Latur city project by MPCB Government of Maharashtra • College financially supports the scholars for their research activities. • The various associations' viz. Science Association, YKM, Language Associations, Literature and Cultural Association undertake different activities to encourage creative talent among students. • The College conducted 37 workshops/seminars on research methodology, IPR and entrepreneurship during the last five years. • The college is well connected with neighborhood community and adopted a number of measures for sensitizing students to social issues and their holistic development. It has implemented extension activities through NSS, NCC, YKM, Literature and Cultural Association. In collaboration with Municipal Corporation, Government Hospital, Red Cross Agencies, District Collector Office, Zilla Parishad and Gram Panchayat, a number of activities are carried out. It enhances their sense of responsibility towards the community and helps in their overall personality development. • The College regularly conducts collaborative activities with Indian Science Academies, DST, MPCB, State government, SEBI, Gandhi Research Foundation, SISM Nagpur, Patanjali Yogpeeth and others for research and student/Faculty exchange. It has functional MOUs with prominent institutes.

Infrastructure and Learning Resources

• The college campus of 4.5 acres with adequate facilities for teaching-learning as per curriculum requirements and norms of statutory bodies. • The main building with Administrative Office, Principal's Cabin, Meeting Hall, Vice-Principal's Cabin, IQAC, Record Room, Ladies Room, Store Room (Sports), Open Auditorium

(Main Stage) and Credit Co-operative Society Office. • The College building accommodates different departments, laboratories, classrooms, seminar halls, Examination Section, NSS, NCC, MPCB Monitoring Centre, and Comfort Room for women faculty, Alumni Office, Open Auditoriums, and Cultural Hall. • Spacious and ventilated 18 classrooms with comfortable furniture; out of which 12 are ICT enabled classrooms. • 4 ICT enabled Seminar Halls including a well-furnished Seminar Hall (Common) • 30 well-equipped laboratories, Zoology Museum, Botanical Garden, • 205 computers and 14 laptops Out of which, 152 computers are for students use with a student computer ratio of 10:1. • Every department in the college has computer with internet connectivity and backup plan. • Office College Management System (CMS) software 10.0 on cloud computing. • Lift and ramp for differently-abled students and staff, • Solar panels for alternative sources of energy. • Common facilities maintained by DES such as Dayanand Auditorium, hostel for boys and girls, sports facilities, Parking space, Walking Track, Students Welfare Centre, canteen, ATM and Management Office. • The College campus is secured through CCTV surveillance. • Sports Facilities include Cricket Ground with international standard, Ground for other games, Indoor Stadium (capacity of 1500), and Gymnasium for Boys and for girls. • Cultural Facilities include two Open Auditoriums, a Cultural Hall, DES auditorium • Library with 6 computers of "SOUL 2.0" LMS • Four 100 Mbps FIBRO 750 GB/MONTH ANNUAL PLAN and a new internet connection plan w.e.f. 24.06.2021. The plan name: lease Line 100mbps with an annual charge of Rs. 2,36,000/- is active. • The IT facilities are continuously upgraded to meet the demands of teaching-learning, research, evaluation and office management. The college has a definite and systematic mechanism for maintenance and upkeep of physical, academic and support facilities. Some AMCs and some are maintained by external agencies as per the need.

Student Support and Progression

• The College has an efficient system of student support. The NSS, NCC, Sports, Cultural cells organize regular activities where students actively participate. They have fourteen awards for outstanding performance in sport and cultural activities. • More than one third students are benefited by scholarships/freeships provided by Government during last five years. The College takes initiatives for capacity building/skills enhancement activities in soft skills, life skills, ICT/computing skills. It conducts career counseling activities regularly. It has all statutory committees such as anti-ragging cell, grievance redressal cell, SC/ST/OBC committees etc. as per the guidelines of the university, State government and UGC. • Six students have qualified in NET/IIT JAM. • The college promotes students representation and engagement in various activities. As per the statute of University, Student Council is formed, which has Class Representatives selected on the basis of merit, two ladies and representatives of various cells such as NSS, NCC, sports and Cultural cells. They elect General Secretary through a democratic election process. The council members actively organize and promote others to participate in academics/co-curricular/extra-curricular activities. The major annual gathering event is a two day colourful festival with activities like Dance, Drama, Speeches, Mimicry, Fishpond, Debate, funny games and sports. • YKM (Women Empowerment Cell) conducts programs such as health counseling, woman empowerment, gender equity, legal, social and economic issues. • Literary and Cultural Association provides the students a platform to participate in art and literature. • College Magazine Committee nurtures the literary sprouts of young budding talents through the publication of 'Unmesh'. Science Association organizes various events with the objective to create scientific attitude and awareness. • The Students have their representation on various bodies like IQAC, CDC, Library committee, Anti-ragging Committee, NSS, NCC, Sports etc. The college provides support in organizing various events to develop their managerial and leadership skills. • The Alumni "Dayanand Vidnyan Maji Vidhyarthi Foundation" (Alumni Association) has been working since 2004 and registered with Assistant Charity Commissioner Office, Latur. It is trying to build a strong bond between alumni and existing students. Alumni contribution during the last five years is Rs. 12.16 Lakhs.

Governance, Leadership and Management

• The College vision and mission aims to provide quality education to students. It has a participatory and decentralized system of Governance. Management trustees board, GC of DES, and CDC are the policy framing bodies. The Principal, vice-principal and IQAC coordinator implement/ monitor the Office, Departments, Committees and various associations. • The IQAC has successfully implemented the strategic plan (2014-19) and worked out the strategic plan (2020-25). The college has UGC-CPE, DST-FIST, RUSA recognitions, Best College Award, Best Principal Award etc. • The active participation of teachers in decision making is ensured through their representation of GC, CDC, IQAC, and various Working Committees formulated by college. • HOD's and Coordinators of various committees play a major role in the process of delegation and decentralization of the administrative, academic and financial responsibilities. • The appointment and service rules are as per the UGC, DHE, Maharashtra and SRTMU Acts, statute, rules and regulations. The unaided staff members are appointed and paid by the DES. • E-governance is operational in administration, finance and accounts, student admission and support and exams. • Dayanand Pariwar has a well established welfare mechanism for staff. GPF/DCPS, medical claim facility, EPF, advance payments, financial support for research, uniform and washing allowance for non-teaching staff, Fee concession to wards etc. • Dayanand College Employee Cooperative Credit Society, Latur provides various types of loans. • Art of Living workshop on 'Balanced and Prosperous Life', value added courses in "Yoga". • 42 Teachers have undergone FDP courses. • The college is government aided, privately managed and it receives financial assistance from the Maharashtra Government, UGC, DST, RUSA, SERB, MPCB, IASc and the Governing Council of the college. All vouchers and bills are duly audited by a team of qualified and well experienced Chartered Accountants. The College has strategic planning for optimum utilization of resources and mobilizing funds by sending proposal to various funding agencies. • IQAC constantly endeavors for quality assurance by introducing various plans and strategies. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals. It has implemented suggestions of NAAC peer team.

Institutional Values and Best Practices

• The college provides an enabling environment for gender equity with sensitivity for gender related issues and ensuring safety & security. There are mechanisms such as Internal Complaint Committee (ICC), Complaint Box in Ladies Common Room, a distinct women cell (Yuvati Kalyan Mandal/ YKM). security guards, CCTV cameras, personal counseling etc. • The College uses solar energy, wheeling to the Grid, sensor based energy conservation and other measures. It efficiently implements the waste management tools. Waste water treatment plant has a capacity to filter water up to 30,000 liters per day. • There is restricted entry of automobiles, Use of Bicycles/ Battery powered vehicles, Pedestrian Friendly pathways and Ban on use of Plastic. The college has immense landscaping area. College campus has variety of species of plants including major classes of angiosperms and some gymnosperms. • The College has completed the green audit, energy audit, environment audits. The college has got the clean and green campus award by Latur Muncipal Corporation. • The Institution has disabled-friendly, barrier free environment. • The College has an inclusive environment with stakeholders from different culture, region, community and socio-economic background. The college sensitizes them towards cultural, regional, linguistic, communal and socio-economic diversities. • The College takes initiatives in organizing events & programs for molding the students & staff to become responsible citizens of country by sensitizing them to the constitutional obligations. • The college follows code of conduct for its stakeholders. • Science for Vision, Inspiration and Prosperity (S-VIP) is the Best Practice of the college. It aims at Science promotion through (S); Vidnyan Manch (V), INSPIRE Camps (I) and Programs of Lecture Workshops, Refresher Courses (P). During last five years 2340 students benefitted from the Best Practice and the total budget was Rs. 1,22,92,500/- • "Students Encouragement through Financial Aid" (SEFA) is another Best

Practice to provide financial assistance to meritorious and needy students. • Considering the vision and mission of the college, the college has proved its distinctiveness by successfully establishing and sustaining a Meritorious Dayanand Pattern striving for excellence.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	DAYANAND EDUCATION SOCIETY'S DAYANAND SCIENCE COLLEGE
Address	Dayanand Science College, Barshi Road, Latur
City	Latur
State	Maharashtra
Pin	413512
Website	dsclatur.org

Contacts for Communication					
Designation	**Name**	**Telephone with STD Code**	**Mobile**	**Fax**	**Email**
Principal	Jaiprakash Shivprasad Dargad	02382-221149	9403970550	02382-221149	daya_scin1@rediffmail.com
IQAC / CIQA coordinator	Siddheshwar Sangramappa Bellale	-	9405417417	-	sidhesh.bellale@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

Date of establishment of the college	31-05-1962

University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State	University name	Document
Maharashtra	Swami Ramanand Teerth Marathwada University	[View Document](#)

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	03-05-2008	[View Document](#)
12B of UGC	03-05-2008	[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				

Details of autonomy

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	Yes autonomydoc_1627289079.pdf
If yes, has the College applied for availing the autonomous status?	No

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	Yes
If yes, date of recognition?	01-04-2016
Is the College recognized for its performance by any other governmental agency?	Yes
If yes, name of the agency	DST FIST
Date of recognition	15-11-2012

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Dayanand Science College, Barshi Road, Latur	Urban	4.5	7412.6

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BSc,Computer Science	36	HSC	English	256	177
UG	BSc,Botany Zoo And Fish Chemistry Physics Maths Industrial Chemistry Electronics Comp Sci Micro And Biot	36	HSC	English	803	802
PG	MSc,Chemistry	24	B.Sc.	English	137	137

PG	MSc,Physics	24	B.Sc.	English	66	61
PG	MSc,Microbiology And Biotechnology	24	B.Sc.	English	66	58
PG	MSc,Microbiology And Biotechnology	24	B.Sc.	English	72	72
PG	MSc,Computer Science	24	B.Sc.	English	66	47
PG	MSc,Mathematics	24	B.Sc.	English	160	144
Doctoral (Ph.D)	PhD or DPhil,Chemistry	72	M.Sc. PET	English	12	6
Doctoral (Ph.D)	PhD or DPhil,Physics	72	M.Sc. PET	English	14	7
Doctoral (Ph.D)	PhD or DPhil,Microbiology And Biotechnology	72	M.Sc. PET	English	8	0
Doctoral (Ph.D)	PhD or DPhil,Mathematics	72	M.Sc. PET	English	6	5

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				3				3				36
Recruited	3	0	0	3	3	0	0	3	15	6	0	21
Yet to Recruit				0				0				15
Sanctioned by the Management/Society or Other Authorized Bodies				0				0				30
Recruited	0	0	0	0	0	0	0	0	11	19	0	30
Yet to Recruit				0				0				0

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				62
Recruited	56	6	0	62
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				24
Recruited	19	5	0	24
Yet to Recruit				0

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
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.	0	0	0	0	0	0	0	0	0	0
Ph.D.	3	0	0	2	0	0	12	4	0	21
M.Phil.	0	0	0	0	0	0	2	1	0	3
PG	0	0	0	1	0	0	1	1	0	3

Temporary Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	3	1	0	4
M.Phil.	0	0	0	0	0	0	0	1	0	1
PG	0	0	0	0	0	0	8	17	0	25

Part Time Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	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	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	**Male**	**Female**	**Others**	**Total**
	24	6	0	30

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	470	4	0	0	474
	Female	504	1	0	0	505
	Others	0	0	0	0	0
PG	Male	199	2	0	0	201
	Female	317	1	0	0	318
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	15	0	0	0	15
	Female	3	0	0	0	3
	Others	0	0	0	0	0
Certificate / Awareness	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	32	37	42	29
	Female	43	30	32	31
	Others	0	0	0	0
ST	Male	7	6	3	2
	Female	5	8	8	4
	Others	0	0	0	0
OBC	Male	31	44	33	41
	Female	40	40	48	42
	Others	0	0	0	0
General	Male	119	178	194	179
	Female	180	218	227	212
	Others	0	0	0	0
Others	Male	34	50	44	38
	Female	26	34	38	28
	Others	0	0	0	0
Total		517	645	669	606

Extended Profile

1 Program

1.1

Number of courses offered by the Institution across all programs during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
428	430	422	420	391

File Description	Document
Institutional data prescribed format	View Document

1.2

Number of programs offered year-wise for last five years

2020-21	2019-20	2018-19	2017-18	2016-17
10	10	10	10	10

2 Students

2.1

Number of students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
1516	1310	1366	1335	1140

File Description	Document
Institutional data in prescribed format	View Document

2.2

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

2020-21	2019-20	2018-19	2017-18	2016-17
308	392	392	380	346

File Description	Document
Institutional data in prescribed format	View Document

2.3

Number of outgoing / final year students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
527	333	209	207	170

File Description	Document
Institutional data in prescribed format	View Document

3 Teachers

3.1

Number of full time teachers year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
55	56	50	48	46

File Description	Document
Institutional data in prescribed format	View Document

3.2

Number of sanctioned posts year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
72	73	67	67	58

File Description	Document
Institutional data in prescribed format	View Document

4 Institution

4.1

Total number of classrooms and seminar halls

Response: 22

4.2

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
65.10	115.41	161.22	116.57	99.12

4.3

Number of Computers

Response: 152

23-11-2021 09:12:19

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

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

Response:

- Affiliated to the SRTM University, the college follows the university designed curriculum. It operates at UG, PG & research level considering its vision, mission, objectives and aiming to enhance students' employability through skill development and holistic education.

- At the beginning of the academic year the Principal and the IQAC coordinator conduct meeting with faculties for academic calendar. As per university academic calendar, the college academic calendar is finalized. The college and departmental meetings are arranged for distribution of committees-workload among faculties.
- Time table committee frames the time table as per guidelines of the university, the state govt. and UGC.

- The COC courses syllabus are designed and framed by the respective coordinator and submitted to the affiliating university.
- The college ensures effective curriculum delivery and translating by implementing academic calendar, teaching diary etc. The HoDs keep an eye on the implementation of the curriculum.

- The College, through 6 BOS members, contributes in designing the curriculum at university level.
- The students are motivated for participation in science exhibitions/competitions organized by the university/other colleges. They are encouraged to attend seminar/competitions and present research papers in university/state/national/international conferences, seminars etc.

- As per the curriculum changes by the university, the college procures required number of books and research journals in the library.

- As per the curriculum, the teaching aids, laboratory materials, books, periodicals and journals are provided by the college.
- The college arranges industrial visits/computer awareness programmes /conferences/seminars/workshops/guest lecturers/study tours to ensure the effective implementation of the curriculum.

- The students-teachers use ICT tools, smart boards, computers; well equipped laboratory facilitates etc. to improve performance.
- Along with the books/scientific journals, the college library offers computers with internet facility, INFLIBNET, N-LIST, SOUL-2.0, e-LMS software & DELNET. The available e-books and journals enhance learning ability of students.
- The Language laboratory software (Zybro DLL) is available in the Language Laboratory.
- The college provides guidance for the IIT-JAM examinations.

- For advanced learners, lecture workshops in collaboration with Indian Academy of Sciences are organized in different subjects. Mentors and resource persons from renowned scientific institutes like NCL, TIFR, IIT, IISc, BARC, IICT and other universities deliver the lectures related to the curriculum and advanced concepts.
- The practical curriculum is conducted in well-equipped laboratories with softwares such as MatLab, Digifrog etc.
- INSPIRE –SHE Scholarship of DST qualified students are motivated to enroll in B.Sc.
- Due to covid-19 pandemic, the college has to re-plan the curriculum delivery using ICT tools. In March 2020 the college shifted to online education using free softwares such as Zoom and Microsoft Teams. About 25% of the curriculum of PG courses was completed using online platforms. In May 2020 the college entered into to agreement with Microsoft teams. The college organized training for teaching staff. Since then the staff members are using this for online teaching attendance records, assignment, sharing of documents, conducting seminars and evaluation of students.
- Besides MS teams the staff members used Google Meet, Google classroom, Google forms, Whatsapp, Webex, YouTube, eLMS, Zoom etc. for effective curriculum delivery.

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

1.1.2 The institution adheres to the academic calendar including for the conduct of CIE

Response:

- The college follows the academic calendar of the parent university for all academic activities including the Continuous Internal Evaluation (CIE). The college has to strictly adhere to university calendar in the matters of admission process, beginning of classes and practical, eligibility, university examinations etc. For university curriculum, co-curriculum and extra curricular events such as Avishkar Research Festival, Youth festival, Ashwmedh, NSS Yuvak/Yuvati camps, Students Council etc. are finalized by the university and the college implements it. Activities like NCC-RDC, ATC,TSC camps are to be carried out as per the directions of NCC 53 MH Bn, Latur and Aurangabad HQ.
- Internal Examination Committee (IEC) directs all the departments for conducting internal examination in the given duration and it is followed by the departments. IEC decides the tentative dates during which the assignments are to be given to students or tests/seminars are to be conducted and dates by which the mark lists are to be submitted to the office. In the odd semester, the dates for the seminars or first assignment/test for theory papers lies towards last week of August while for the second one in the last week of September. In the even semester, the dates are usually last week of January while for the second one in the last week of February.
- For the practical papers, the CIE is conducted almost throughout the year. The schedule of conducting seminars / tests / submission of assignment and submission of mark lists are displayed on staff and student notice boards by the Internal Examination Committee and respective departments.
- The faculty explains the CIE mechanism to the students at the commencement of the academic year. The mechanism involves nature of various types of evaluation methods, marking scheme and

practical examination patterns. Internal and external marks of elective and practical courses are uploaded online on university portal by the examination department. The college internal examination committee effectively monitors continuous evaluation process throughout the academic year.

- In COVID-19, as per guidelines by the SRTM University, the evaluation of Practical and SEC exam was conducted using online test platform.
- Due to covid-19 pandemic, the college has to suddenly stop physical activities and adopt alternative mechanism for CIE. The college staff members had to adopt online education using free software's such as zoom. After entering into agreement with Microsoft teams in May 2020, the college staff members started using this platform for online matters like attendance records, assignment, sharing of documents, conducting seminars and evaluation of students.
- Besides MS teams, the staff members use email, Google classroom, Google forms, WhatsApp etc. for CIE such as project report evaluation, practical Viva-voce, seminars, practical exam paper submission etc.
- The teachers created WhatsApps groups of respective classes. They are used for communication such as notice circulation, study material, solving students' problems, question-answers, informal feedbacks etc. This online teaching pattern is recognized by Maharashtra State Government, and the vice chancellor of the parent university the Higher and Technical Education ministry appreciated the college efforts for the alternative online education.

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

1.1.3 Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years

1. Academic council/BoS of Affiliating university
2. Setting of question papers for UG/PG programs
3. Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
4. Assessment /evaluation process of the affiliating University

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	[View Document](#)
Link for Additional information	[View Document](#)

1.2 Academic Flexibility

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

Response: 90

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

Response: 09

File Description	Document
Institutional data in prescribed format	[View Document](#)
Link for Additional information	[View Document](#)

1.2.2 Number of Add on /Certificate programs offered during the last five years

Response: 28

1.2.2.1 **How many Add on /Certificate programs are offered within the last 5 years.**

2020-21	2019-20	2018-19	2017-18	2016-17
5	8	9	2	4

File Description	Document
List of Add on /Certificate programs	[View Document](#)
Brochure or any other document relating to Add on /Certificate programs	[View Document](#)
Link for Additional information	[View Document](#)

1.2.3 Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years

Response: 10.66

1.2.3.1 **Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
164	198	129	140	85

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File Description	Document
Details of the students enrolled in Subjects related to certificate/Add-on programs	View Document

1.3 Curriculum Enrichment

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

Response:

- There are 6 college teachers as members of University Board of Studies. While framing curriculum, various cross cutting issues are injected into it. Along with imparting the formal curriculum, the college consistently integrates various cross cutting issues related to Gender, Environment and Sustainability, Human Values, Professional Ethics etc. through various co-curricular and extra-curricular activities. Various cells and committees stage their programmes to inculcate these values among students.
- The College imparts co-education where the gender ratio is positive with more number of girls' students. Out of 1516, there are 826 (54.48%) girl students. The participation of girls is in almost every activity and programme conducted in the campus and off campus. Yuvati Kalyan Mandal (Women Empowerment Cell) ensures active participation of girl students. Thus college assures the just and equitable enrolment of both male and female students ranging from students council, Science Association to NSS & NCC camp participation.
- Courses offered by language departments discuss about Gender and Human values. English, Marathi and Hindi have many courses which touch environment and sustainability. They touch Human values, Gender and Environment.
- Professional programmes/courses refer to professional ethics with Environment sustainability as a part of these courses. Professional ethics are integral part of PG curriculum. In CBCS, departments choose electives related to these issues as a practice. Botany/Zoology/Microbiology/Biotechnology and other departments have environment and sustainability as base for many courses. Field exposure is used as a tool to deepen the understanding.
- The compulsory course Environmental study for B. Sc. TY introduces the necessary concepts about conservation of biodiversity and prevention of pollution etc.
- The course Water Pollution is introduced for B. Sc. SY chemistry as a Skill Enhancement Course.
- The course for M. Sc. Organic Chemistry includes 1) Green chemistry which aware students regarding eco-friendly reactions in chemistry 2) Projects of M. Sc. SY students carried out by using Micro scale techniques to avoid the pollution & other harmful effects.
- The college has sanctioned project by Maharashtra Pollution Control Board (MPCB), through which various parameters of air pollution of the Latur city region are analyzed.
- At CBCS PG level, the courses related to professional ethics are included. While designing activities like projects/research, students are encouraged to choose topics relevant to cross cutting issues. During field/industrial visits an effort is made to visit people, institutes and industries working in these areas. Thus all 9 departments incorporate these issues in their curriculum delivery.
- To prevent plagiarism in the research, the college has developed its special code of ethics and follows anti-plagiarism policy framed by the affiliating university and such testing is made compulsory for every researcher.

- Through NSS/NCC the college addresses relevant cross cutting issues. Each N.S.S. volunteer and N.C.C. cadet has introductory exposure to Gender Equity, Environment and Sustainability, Human Values and Professional Ethics. They become aware about rural conditions/problems and develop sensitive approach of humanity like raising fund for Kerala Flood victims, visits to Old age home, AIDS awareness rally etc.

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

1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

Response: 2.54

1.3.2.1 **Number of courses that include experiential learning through project work/field work/internship year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
9	12	12	10	10

File Description	Document
MoU's with relevant organizations for these courses, if any Average percentage of courses that include experiential learning through project work/field work/internship	View Document

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

Response: 23.35

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

Response: 354

File Description	Document
List of programmes and number of students undertaking project work/field work/ /internships	View Document

1.4 Feedback System

1.4.1 *Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders 1) Students 2)Teachers 3)Employers 4)Alumni*

Response: E. None of the above

File Description	Document	
URL for stakeholder feedback report	[View Document](#)	

1.4.2 Feedback process of the Institution may be classified as follows: Options:

1. **Feedback collected, analysed and action taken and feedback available on website**
2. **Feedback collected, analysed and action has been taken**
3. **Feedback collected and analysed**
4. **Feedback collected**
5. **Feedback not collected**

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document	
URL for feedback report	[View Document](#)	

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 65.36

2.1.1.1 **Number of students admitted year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
1016	1010	1066	1035	1040

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

2020-21	2019-20	2018-19	2017-18	2016-17
1660	1631	1621	1621	1404

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

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

Response: 65.39

2.1.2.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
218	249	249	215	251

File Description	Document
Average percentage of seats filled against seats reserved	[View Document](#)
Any additional information	[View Document](#)

2.2 Catering to Student Diversity

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

Response:

A) Assessment of the learning levels:

As the students are from diverse backgrounds and different competence-level, the slow and advanced learners are identified on the basis of marks obtained in the previous examinations. Along with this, their regularity, language proficiency, competence, familiarity with practical skills, subject and technical knowledge are a few of the determining factors revealing slow and advanced learners.

In the first few lectures, teachers orient the students regarding the various facilities available on the campus, academic and examination schedule, curricular, co-curricular and extra-curricular activities organized in the college. The teachers conduct interaction on subject to understand the level of knowledge and skills of students.

B) Special programmes for advanced learners:

- Science for Vision, Inspiration and Prosperity (S-VIP) is our best practice. Under it, the college organizes INSPIRE Camps and programmes of lecture workshop, refresher courses etc. Selected advanced learners are allowed to attend Science Academies Refresher Courses held in our College.
- Special attention to INSPIRE–SHE qualified students to sustain their merit and for project work with Mentors.
- Student Encouragement through Financial Aid (SEFA) is our best practice. Students are provided financial assistance for research and other purposes. Cash prizes are given to best articles in annual magazine 'Unmesh'.
- Concession in hostel and college fees.
- Language laboratory to enhance soft skills.
- Guest lecture of mentors from renowned institutes and Science Academies Lecture Workshops to facilitate interaction between the experts and students.
- Career counseling for IIT-JAM, NPTEL courses and other examinations/courses.
- The scholar visits to Scientific Institutes and Universities like NCCS Pune. NCL Pune, IIT Mumbai, etc. for research work.
- The educational tours/industrial visits to increase their interest in subject.
- Additional reading-learning material in the form of reference books, journals, websites, etc.
- Skill Enhancement Workshops and Entrepreneurship Awareness Camps.
- Training for students having potential in sport and cultural activities.
- Motivation to participate in competitions, such as seminars, quiz, debate, elocution, essay writing, youth festival, annual gathering, etc. for their overall development.
- Class Representatives selected on the basis of merit, actively participate in student council meetings and activities. It cultivates their leadership skills and management capacities.
- Meritorious students are felicitated with cash prizes by the college and donor's contribution.
- The photographs of meritorious students are published in college prospectus; magazine and display boards in front side of the college

C) Special programmes for slow learners:

- Slow learners directly approach to the concerned teacher for any difficulty in the subject. They are provided with class notes, texts and reference books for additional reading.
- Regular counseling by the subject teacher and mentors. Ultimately, students receive personal attention and guidance.
- ICT-based teaching to give learners audio-visual perceptions to make their ideas clear.
- You tube videos, team assignments and project work.
- Seminars/group discussions among slow and advanced learners.
- The educational tours/industrial visits to increase interest in the subject.
- Skill Enhancement Workshops and Entrepreneurship Awareness Camps.
- Old question papers in library for better performance in the examination.

File Description	Document
Past link for additional Information	[View Document](#)

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

Response: 27.56

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

Response:

Due to the effective teaching-learning-evaluation methods, the college has got reputation as one of the best colleges in the affiliating University and to secure top passing percentage consistently for many years.

To promote student centric learning process, classrooms and laboratories are equipped with smart boards and LCD projectors. The college library is enriched with physical and e-books/journals, internet facility etc.

Experiential learning:

- The practicals in well-equipped laboratories, to create scientific temper.
- Project work for final year PG students for experiential learning
- UGC-COC and Lecture Workshops, hands on training, college day during annual gathering, anchoring by students in different programs.
- Workshops on skills like Energy Management, Mushroom Cultivation, Financial Management, Aquaculture, Floriculture, etc. help to develop practical skills among the students.
- Study tours/industrial visits/field visits.
- Entrepreneurship awareness camps to inculcate entrepreneurship qualities and prepare their mindset for self-employment.

- Softwares like MATLAB, SCILAB, MATHEMATICA, MAPAL, LINGO, Digifrog, Zybro etc. for effective learning.
- College has youtube studio which is used for online live teaching-learning process.
- ICT based seminars given by students.

Participative learning:

- Group discussion, projects, poster presentations, quiz competitions, seminars, debate competitions, essay writing competitions and industrial training.
- Under the CBCS, continuous evaluation of the students is practiced through assignments, seminar presentations, tests, tutorials, etc. in which active participation of students is required.
- Welcome and farewell functions are organized with active participation of students.
- To inculcate moral and social values and to create awareness of social responsibility among the students, various programs such as cleanliness campaign, AIDS awareness rally, old age home visit, superstition eradication, wachan prerana din, constitution day, pulse polio awareness campaign, blood donation and health check-up camps, tree plantation and Special Winter Camp are organized through NSS.
- NCC students participate in National Camps and Parades, and different social activities.
- Encouragement to students for participation in annual gathering, University youth festivals, debate competitions, elocution competitions, essay writing competitions, sport events, etc. at other colleges and paper presentation in seminars/conferences and paper publication in Journals.
- Renowned personalities from different fields are invited to share their experiences with the students, so that they are able to cope up with the global competition. Subject wise Science Academies Lecture Workshops for students are organized. Ph.D. course work on behalf of S.R.T.M. University is organized in the College.

Problem solving methodologies:

- Regular participation of the students in research project competitions and Madhava Mathematics Seminar Competitions at different places. MATLAB is used by Mathematics students for problem solving. Inter-collegiate research/poster presentation and science exhibition are the essential components of the problem solving method.
- The PG students identify and select the problems, (scientific and environmental) plan hypothesis, monitor experimental protocol and approach towards expected conclusion. They carry out project work/industrial training.
- The college undertakes many student-centric methods for enhancing learning experiences such as Mentoring System for Students.

File Description	Document
Link for additional information	[View Document](#)

2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.

Response:

- The college has provided good infrastructure facility for effective teaching-learning process.
- Classrooms and laboratories are equipped with smart boards and LCD projectors. ICT tools and resources such as computers, laptops, projectors, smart boards, educational CDs and 100 mbps internet connectivity are available for the staff and offline students. Recently, Microsoft Teams app has been used by the teachers for online teaching and evaluation process.
- Different E-resources and techniques are used by the teachers like SWAYAM NPTEL, DELNET, smart boards, softwares, INFLIBNET N-LIST, e-books, e-journals, PPTs, You tube videos, live demo of programming languages, etc.
- Softwares like MATLAB, SCILAB, MATHEMATICA, MAPAL, LINGO, Digifrog, Zybro etc. for effective learning
- College has youtube studio which is used for online live teaching-learning process.
- Teachers use smart boards and LCD projectors for teaching, which makes the teaching-learning process an interesting phenomenon. The power point presentations (PPTs) prepared by teachers help to increase concentration of students in understanding some complicated concepts and phenomena. In addition to this, teachers also use different freely available PPTs and video clips of renowned expertise in the respective subjects. The audiovisual experience enhances the retention of the subject taught.
- To keep our students and teachers' pace with the changing scenario, the library is regularly updated with online resources. Along with the books and scientific journals, the library also offers computers with internet facility, INFLIBNET N-LIST, SOUL-2.0, LMS software and educational CDs. The e-books and journals are available which enhances learning ability of students.
- Digifrog software is used by Zoology teachers in teaching process.
- Zybro DLL software is available in the Language Laboratory to improve communication skill of the students. It is useful to express them properly, develop pronunciation, and improve independent learning skill and leadership skill within the students.
- The college encourages the teachers to attend training programs, workshops, seminars and conferences related to the ICT use or innovation in teaching-learning. The college is affiliated with SWAYAM NPTEL as a local chapter to provide students and teachers some additional online courses.
- In the month of March-2020, due to the Covid pandemic, the Government declared complete lockdown. In order to complete the syllabus, the Microsoft Teams app was installed by the college for the teachers and students. The incomplete syllabi of PG courses were completed and extra lectures for UG students were conducted on this online platform. Besides this, some teachers prepared their video lectures and uploaded on You tube. These lectures were viewed by the students of different colleges in India and abroad.
- During the academic year 2020-21, the entire curriculum of UG and PG is implemented using online mode. MS Team, YouTube videos, Zoom are used for teaching, learning and evaluation. Online lectures, attendance record, lecture recording, assignments, tests, students' seminars, viva-voce etc. are undertaken. The final Ph.D. viva-voce of research scholars is conducted online.
- The innovation and creativity in teaching–learning has resulted in appreciable attendance and better involvement of students in learning process.

File Description	Document
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	[View Document](#)

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

Response: 28:1

2.3.3.1 Number of mentors

Response: 55

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	View Document
mentor/mentee ratio	View Document
Circulars pertaining to assigning mentors to mentees	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 75.74

File Description	Document
Year wise full time teachers and sanctioned posts for 5years(Data Template)	View Document
List of the faculty members authenticated by the Head of HEI	View Document

2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 42.21

2.4.2.1 **Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. year wise during the last five years***

2020-21	2019-20	2018-19	2017-18	2016-17
25	24	22	19	18

File Description	Document
List of number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. and number of full time teachers for 5 years (Data Template)	View Document
Any additional information	View Document

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

Response: 4.85

2.4.3.1 **Total experience of full-time teachers**

Response: 267

File Description	Document
List of Teachers including their PAN, designation, dept and experience details(Data Template)	View Document

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode

Response:

- The College Internal Examination Committee ensures smooth and transparent conduct of examinations. The internal assessment schedule is planned and conducted as per academic calendar/guidelines of affiliating university. It is communicated to teachers and students well in advance. The HoDs look after effective monitoring and timely implementation of the internal assessment and procedure of evaluation, with a predetermined schedule for assignments of students and tests/seminars, and dates by which the mark lists are to be submitted to the office. In the odd semester, the dates for the seminars or first assignment/test for theory papers lies towards last week of August while for the second one in the last week of September. In the even semester, the dates are usually last week of January while for the second one in the last week of February. For the practical papers, the CIE is conducted almost throughout the year. The students are continuously assessed through seminars, tests, assignments, etc.
- The college administration has given freedom to teachers regarding the internal assessment of students. The teacher has the liberty to assess the students on the basis of his attendance in the classes along with the test, assignment etc. and prepare the mark list accordingly. The marks obtained by the students are communicated to the students. The students can log complain, if any. Sometimes there may be mistake in entry of marks. In such case, necessary corrections are made. All record of examination i.e. assessed answer sheets of tests, assignments, mark lists etc. is maintained in concerned departments.
- External audit of the internal examination of the College is carried out by the University

Committee, where the records are verified and report is submitted to the University. Our College has received good remarks from the University committee for the smooth conduct of examinations.

- During March-2020, due to the Covid pandemic, lockdown was declared by the Government. Therefore, internal evaluation (viva for practical examination and skill enhancement courses) was conducted by the teachers on Microsoft Teams, Google Meet, Zoom, e-mail, WhatsApp, etc.
- In case of B. Sc., each theory paper has 10 marks for internal assessment - two assignments (5) and regular attendance (5). B. Sc. FY Practical Paper (20) - Certified Record Book (10) and two assignments (10). SY and TY Practical Papers (10) - Record Book (5) and two assignments (5).
- For Skill Enhancement Courses (SEC), two tests (10) and one seminar (15) are conducted. For B.Sc. FY/SY (English), two tests (20) and one assignment (15) are compulsory. For FY S.L. (Marathi and Hindi), two tests (20) and one assignment (15) are compulsory, and for SY, two tests (20), one assignment (10) and Seminar (5) are mandatory.
- For the M.Sc. Classes, each theory paper has 25 marks internal assessment - one assignment (10) and two tests (15 marks each) are conducted and average of both tests is considered. For Practical Paper (25), one test is conducted. For M.Sc. (Mathematics) Practical Paper (i.e. Tutorial/ Laboratory Work), Seminar (10), Attendance (5) and Viva-voce examination (10) are mandatory.

File Description	Document
Link for additional information	[View Document](#)

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

Response:

- The assessment consists of continuous assessment (CA) and end of semester examination (ESE). The CA is a continuous activity conducted by the college throughout the semester and ESE is conducted by the university at the end of the semester. Accordingly, mechanism for redressal of grievances related to examination is developed at two stages - for internal examination (College level) and for University examination (University level).

- **Redressal of grievances at College level:**

- There is an Internal Examination Committee in the college, which supervises the process of internal examination. The grievances of students regarding internal examination are dealt with the concerned department. Complete transparency is maintained in the continuous internal evaluation process. The teachers distribute assessed answer sheets in classrooms and doubts of students about evaluation are cleared by the concerned teachers. During the period of internal examination, if some students are deputed to attend NSS/NCC/Sports activities, such grievances about their absentee in internal examination are considered and separate internal assessment is conducted for such students. Sometimes, there is overlapping in batches of practical examination. Batches of such students are changed.

- **Redressal of grievances at University level:**
- There is a University Examination Committee at college level, which looks after the grievances of

students regarding university examination.

- The university has formulated the rules and regulation for the grievances in evaluation. After declaration of the results, the dates for revaluation provided by the university are displayed on the student notice board for the information.
- The students can even ask for the photo copies of their answer books by depositing the required fees with the university. On receiving the photo copy of answer book, the concerned teacher reassesses the answer book and if there is justifiable grievance of the students, then the student is asked to apply for the reassessment of the answer book to the university. University appoints concerned subject teachers for the reassessment. If there is any change/increase in the marks, the university sends by mail the new marks obtained by students to the college, accordingly the changes in marks are conveyed to the students immediately by the college and corrected/fresh mark memo of the students are collected from the university in due time and given to the students.
- Other grievances from students like postponement of semester examination, regarding question papers (out of scope, repetition of same question, misprint etc.), late receipt of Hall ticket from university, change in subject in Hall ticket, etc. are timely communicated to the university. Accordingly university considers the grievances positively and action is taken in favor of students.
- in case of a malpractice by student, a univeristy committee, gives chance for the student to say his argument regarding the malpractice. On hearing the argument of the student, the committee gives the decision, which is binding on the student. The procedure for re-assessment as well as providing photo copy etc. is time bound and efficient.
- In this way university and college has evolved a transparent, time-bound and efficient mechanism regarding the examination related grievances.

File Description	Document
Link for additional information	[View Document](#)

2.6 Student Performance and Learning Outcomes

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

Response:

- The college follows the curriculum designed by the affiliating university. The curriculum has well defined Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs). The POs, PSOs and COs of different subjects are to imbibe scientific temper, research attitude and rational thinking among the students to make them competent in basic sciences and upgraded recent technologies. COs of Career Oriented Courses and Skill Enhancement Courses are aimed to develop entrepreneurship skills among the students.
- The POs, PSOs and COs for all programs offered by the college are stated and displayed on the college website www.dsclatur.org.in which is regularly updated. The POs and PSOs are also

displayed in the campus.

- According to the expectations of the stakeholders, the teachers of the college are actively involved in syllabus framing workshops, where they contribute in asserting COs in curriculum.
- At the time of admission, teachers explain POs to the parents and students. The expected outcomes of respective courses are explained to the students by concerned teacher at the commencement of theory as well as practical. At the same time, he discusses evaluation pattern, weightage and other course-related information in the classroom. A copy of POs, PSOs and COs with a copy of syllabus is kept in college library for the reference to teachers as well as students.

File Description	Document
Upload COs for all Programmes (exemplars from Glossary)	[View Document](#)
Upload any additional information	[View Document](#)
Past link for Additional information	[View Document](#)

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

Response:

- The college aims at holistic development of students. It has been continuously working on the attainments of the outcomes. It focuses to produce very confident learners with sound knowledge, skills, attitudes and values.
- The college evaluates the attainment of Program Outcomes, Program Specific Outcomes and Course Outcomes by conventional as well as non-conventional means. In the conventional/direct system, the results of the university examinations are analyzed course wise by the departments and reported to the Principal, CDC and Governing Council. The knowledge and skills are evaluated through continuous internal evaluation with the help of tests, seminars, home assignments etc.
- Course Outcomes are measured through the performance of the students in the class, practical, internal evaluations and external evaluations. The attainment of outcomes is evaluated by the college on the success rate of the students and their progression to higher education.
- In addition, departments also try to assess them by some other means. For example, departments assess the outcomes at the time of practical examinations and their research work.
- The language teachers measure the attainment or acquisition of certain skills by creative / academic writing for annual magazine 'Unmesh', participation and success in literary /cultural programs and performance in competitions like elocution, debate, essay writing in our college as well as other colleges and also in youth festivals.
- The outcomes are also evaluated by the research projects undertaken by the students, research activities carried out at other colleges and research centres, participation and success in research competitions like Avishkar and Anveshan, research paper presentation in Seminars/ Conferences, paper publication in Journals.
- During social programs through NSS and NCC involving general public, the students are observed and checked for their sensitivity and social awareness.

- As a result of this continuous and constant mentoring, many students score university distinctions and also achieve medals in different subjects. For example, our students were awarded Gold medal in M. Sc. Organic Chemistry by the university for successive six years. .
- The different PG Departments run IIT-JAM coaching for students and students qualify. Apart from this, many of our students participated and won prizes in Madhava Mathematics Competition. Our students also won medals in cultural and sports events. Some students received best paper presentation awards and also published their research papers in reputed scientific journals.
- Our NCC Cadet participated in RD Parade at New Delhi. Community-oriented services, such as awareness rallies, cleanliness campaigns, old age home visits and Special NSS Camp enable the students to think out of the box and be creative, constructive and inculcate the values of ethics and develop community service attitude among the students. The performance of students within and outside the college in different events provides enhancing index of their learning-levels.
- The feedback from all the stakeholders is collected and steps are taken as per their suggestions.
- In this way, we follow formal and informal mechanism for the measurement of attainment of the outcomes.

File Description	Document
Paste link for Additional information	[View Document](#)

2.6.3 Average pass percentage of Students during last five years

Response: 70.78

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

2020-21	2019-20	2018-19	2017-18	2016-17
525	336	211	227	164

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

2020-21	2019-20	2018-19	2017-18	2016-17
562	373	421	417	249

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	[View Document](#)
Upload any additional information	[View Document](#)

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.66

File Description	Document
Upload database of all currently enrolled students (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, Chairs in the institution during the last five years (INR in Lakhs)

Response: 150.25

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

2020-21	2019-20	2018-19	2017-18	2016-17
24.75	27.83	17.49	17.45	62.73

File Description	Document
List of endowments / projects with details of grants	[View Document](#)
e-copies of the grant award letters for sponsored research projects / endowments	[View Document](#)
Any additional information	[View Document](#)

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

Response: 25.45

3.1.2.1 **Number of teachers recognized as research guides**

Response: 14

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

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years

Response: 20

3.1.3.1 **Number of departments having Research projects funded by government and non-government agencies during the last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
2	2	1	2	2

3.1.3.2 **Number of departments offering academic programes**

2020-21	2019-20	2018-19	2017-18	2016-17
9	9	9	9	9

File Description	Document
Supporting document from Funding Agency	[View Document](#)
List of research projects and funding details	[View Document](#)
Any additional information	[View Document](#)

3.2 Innovation Ecosystem

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

Response:

- The college takes various initiatives in creating technologies and transferring knowledge. An innovative ecosystem effectively transforms knowledge into products, processes and services that promotes economic growth, creates employment and improves the quality of life of people.
- Well-equipped research laboratories with modern infrastructure and sophisticated scientific instruments have been developed.
- Department of Chemistry, Physics, Mathematics and Microbiology have recognized research centers affiliated to SRT MU Nanded and also have MOUs with different research institutions.
- The seed of innovation ecosystem was shown in 2015 with sanction of **"Inspire Award Faculty"** by **DST & SERB** to Dr. M.B.Pandge
- Students are encouraged to participate in research activities like Avishkar and Anveshan Science exhibition
- During the last five years **185** research papers in UGC approved and SCOUPUS and web of science journals have been published by faculty and students.
- Eminent scientists from national and international institutes are invited to guide, motivate and promote the students towards research activities.
- To develop scientific temperament and attitude, programs like science exhibition, Sky watching, hands on programs in INSPIRE camps are organized
- To promote scholars for research in fundamental sciences INSPIRE Camps and Vidyan Manch activities are organized. Invited lectures workshops, seminars, refresher courses in the subjects

Chemistry, Mathematics, Botany and Physics are arranged.

- Students are benefitted by knowing the methodology of composting and its uses through bio-composting by the Dept. of Microbiology.
- The students are encouraged to learn the cultivation of flowering plants and medicinal plants through botanical garden.
- Computer training programs are organized regularly by Department of Computer Science for the faculties and non-teaching staff.
- College organized skill development programs on Fish Farming, Energy Management, Entrepreneurship awareness camps.
- Use of E-learning aids such as Smart board, online videos, learning software's etc.
- To create the awareness regarding Organic Farming among farmers, college organized seminars on ORGANIC Farming in coordination with Government of Maharashtra.
- Continuous air monitoring of Latur city project sanctioned by M.P.C.B. Government of Maharashtra
- Industrial Visits and Educational tours by the departments for practical experience.
- College financially supports the scholars for their research for characterization and spectral analysis, attending Conferences, Seminars,workshops
- College offers Rs. 50000/- research grant for innovative project by the students.
- The various associations' viz. Science Association, Yuvti Kalyan Mandal, Literary and Cultural Association undertake different activities to encourage creative talent among students.
- Every year college publishes Annual Magazine: **UNMESH** For the publication of literature by the students and faculties.
- College organizes poster presentation competitions, seminars, debate competitions, science exhibition etc.
- The Institute Website, Display Boards, and Notice Boards are the means used to spread information regarding resources and expertise available in the campus to facilitate local community.
- College Library has a number of reference books, periodicals, research journals, INFLIBNET facility, newspapers, educational CD'S,magazines etc.
- College has a language laboratory with e-learning facilities.
- College has established NPTEL local chapter on 19-1-2018 to run online NPTEL courses**.**
- College provides Microsoft Team software for online teaching and to provide study material to students.

File Description	Document
Paste link for additional information	[View Document](#)

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

Response: 30

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

2020-21	2019-20	2018-19	2017-18	2016-17
0	16	5	5	4

File Description	Document
List of workshops/seminars during last 5 years	[View Document](#)

3.3 Research Publications and Awards

3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years

Response: 1.79

3.3.1.1 **How many Ph.Ds registered per eligible teacher within last five years**

Response: 25

3.3.1.2 **Number of teachers recognized as guides during the last five years**

Response: 14

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

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Response: 3.92

3.3.2.1 **Number of research papers in the Journals notified on UGC website during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
61	50	44	27	18

File Description	Document
List of research papers by title, author, department, name and year of publication	[View Document](#)

3.3.3 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: 1.45

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

2020-21	2019-20	2018-19	2017-18	2016-17
14	21	20	09	10

File Description	Document
List books and chapters edited volumes/ books published	[View Document](#)
Any additional information	[View Document](#)

3.4 Extension Activities

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

Response:

- The college is well connected with neighbourhood community and adopted a number of measures for sensitizing students to social issues and their holistic development. It has implemented various activities through NSS, NCC, Yuvati Kalyan Mandal (Women Empowerment Cell), Literary and Cultural Association. In collaboration with the Municipal Corporation, Government Hospital, Red Cross Agencies, District Collector Office, Zilla Parishad and Gram Panchayat, a number of activities are carried out.
- NSS/NCC units regularly organize activities like tree plantation; celebration of important national days, blood donation camps, cleanliness programme, AIDS awareness campaign, watershed projects, awareness about voting, Swachh Bharat Abhiyan etc.
- NSS unit organizes Pulse Polio Abhiyan, AIDS awarness rally, survey on out of school students etc.
- Orientation of farmers on Organic Farming by the Department of Chemistry on 12 Jan 2018 in collaboration with ATMA Latur (Govt. of Maharashtra).
- Each year the NSS department organizes a week residential special camp in a rural area. A number of activities like dignity of labour, rallies, awareness programmes, cleanliness campaigns, de-addiction, health camps, veterinary diagnosis camps, blood donation camps, publicity about government schemes etc. are conducted by students for rural villagers.
- Animal Husbandry Camps are organized by NSS in a nearby village at Chikurda and Akharwai in which cattle are being examined by Animal Husbandry Officers.

- "Blood Group detection programme" by Department of Microbiology in NSS special camps are organized in different villages of Latur district
- Department of Botany organized 'Soil and Water Testing Programme' for Local area farmers.
- College has organized awareness speeches, to motivate and promote the sanitation, Toilet construction in rural area and to inculcate the healthy habits among rural citizens.
- College organized 'YOGA Camps' in nearby villages to make the Villagers and students aware about the importance of Yoga and its relation with healthy life.
- College organized motivational programs on 'water harvesting' and 'Water management' for the villagers and students.It focused on how to save water in drought prone area and make optimum use of water for domestic purposes and for the farming.
- The college donated Rs.2.54 lakh as a one day salary of all teaching and non-teaching staff to "Jalyukt Latur" a scheme of water harvesting run by the social activists from Latur.
- The College organized community speeches on Stress management for villagers and school children.
- To improve quality of soil, the farmers of nearby villages are guided by organizing experts speeches on 'Organic Farming'
- College students presented dramas/cultural programs on Superstition and Indian culture, speeches on the **protection of Environment, women's empowerment** for the villagers.
- Hands-on-training programs organized for students' of different Schools/Junior College students through 'Vidyan Manch' and INSPIRE camps.
- The College organized a national level science-technology festival during 7-8 Jan, 2020 in collaboration with MIT World Peace University, Pune and Latur Urban Co-operative Bank Ltd. Latur for school/college students/teachers and citizens of Latur city.

The teachers and students actively participate in these extension activities. It enhances their sense of responsibility towards the community and helps in their overall personality development.

File Description	Document
Paste link for additional information	[View Document](#)

3.4.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years

Response: 0

3.4.2.1 **Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
Number of awards for extension activities in last 5 year	View Document

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., during the last five years (including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)

Response: 60

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

2020-21	2019-20	2018-19	2017-18	2016-17
7	23	08	16	06

File Description	Document
Reports of the event organized	View Document
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	View Document

3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years

Response: 63.67

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

2020-21	2019-20	2018-19	2017-18	2016-17
200	1400	770	1226	571

File Description	Document
Report of the event	View Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document

3.5 Collaboration

3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Response: 70

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

2020-21	2019-20	2018-19	2017-18	2016-17
21	15	19	06	09

File Description	Document
e-copies of related Document	View Document
Details of Collaborative activities with institutions/industries for research, Faculty exchange, Student exchange/ internship	View Document

3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years

Response: 36

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

2020-21	2019-20	2018-19	2017-18	2016-17
8	9	8	6	5

File Description	Document
e-Copies of the MoUs with institution/ industry/corporate houses	View Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

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

Response:

- **The college campus** is spread in 4.5 acres of land with adequate facilities for teaching-learning as per the curriculum requirements and norms of statutory bodies.
- **The main building** has the Administrative Office, Principal's Cabin, Meeting Hall, Vice-Principal's Cabin, IQAC , Record Room, Ladies Room, Store Room (Sports), Open Auditorium (Main Stage) and Credit Co-operative Society Office.
- **The College building** accommodates different departments, laboratories, classrooms, seminar halls, Examination Section, NSS, NCC, MPCB Monitoring Centre, Comfort Room for women faculty, Alumni Office, Open Auditorium, and Cultural Hall.
- **Various cells** such as PRO, ICC, Placement Cell, Grievance Redressal Cell, SC/ST/ NT/ Minority Cell, Student Development Cell, Anti-ragging Committee; CAP/DCAP have been provided with required space and facilities.
- **Classrooms:** The mode of teaching is both conventional and digital. The college has spacious and ventilated 18 classrooms for UG and PG having adequate natural light and comfortable furniture; out of which 12 are ICT enabled classrooms.
- **Seminar Halls:** There are 4 ICT enabled Seminar Halls. A fully AC and well-furnished Seminar Hall (Common) is used for organizing workshops, training programs, conferences, guest lectures, meetings etc.
- **Laboratories:** The College has in all 30 well-equipped laboratories. Gas Connections, distilled water connection and fire extinguishers are available wherever it is required.

Sr. No.	Department	No. of Laboratories	
1	Physics and Electronics	5	
2	Computer Science	3	
3	Chemistry	6	
4	Industrial Chemistry	2	
5	Botany	2	
6	Microbiology and Biotechnology	7	
7	Zoology and Fishery Science	3	
8	Mathematics	1	
9	English	1	
	Total	30	

- **Zoology Museum:** The Department of Zoology and Fishery Science has well maintained 2 Museums. Various rare animal species are preserved and maintained in these museums.
- **Botanical Garden:** A well-maintained Botanical Garden of 15,000 sq. ft area has various

gymnosperm plants, ornamental plants and medicinally important plants are grown in the garden. There are also some plants which are included in curriculum.

- **Computing Equipment:** The College has a total number of 205 computers and 14 laptops in use. Out of these, 152 computers are available for students use. Every department in the college has computer with internet connectivity and backup plan. The administrative work is fully automated using College Management System (CMS) software 10.0. At the end of the academic year 2019, it is upgraded on cloud computing.
- **The library** has a separate spacious building (G + 3) having separate reading rooms for UG (Boys), UG (Girls) and PG students; Reading Room for faculty, e-Resource Centre, Research Scholar Centre, two Difficulty Solving Centres and a Conference Hall.
- **Lift and ramp** facilities are available for differently-abled students and staff,
- **Solar panels** installed on terrace and generator sets (for emergency) are alternative sources of energy.
- There are some **common facilities** in the campus maintained by Dayanand Education Society such as Dayanand Sabhagruh (Auditorium), separate hostel facility for boys and girls, sports facilities, Parking space, Walking Track, Students Welfare Centre, canteen, ATM and Management Office.
- **The College campus** is secured through CCTV surveillance.

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

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

Response:

Sports Facilities :

1. **Cricket Ground No. 1**: Total size of this ground is 130 m. X 130 m. (16900 Sq. m.) The ground has the facility of 5 turf wickets in the center of the ground for tournament purpose, 8 turf wickets and 2 cement concrete wickets for practice purpose and complete green top surface with international standard. Sub surface drainage system is installed in this ground to drain out all the excess water. Automatic sprinkler system for lawn and QRC water curing system for the turf wickets are also installed on this ground. The ground has been secured by compound wall. The state level, inter collegiate and inter school tournaments are conducted on this ground.
2. **Ground No. 2:** Ground no. 2 is relatively smaller ground (100 m.X100 m.). One Basketball court with cement concrete surface, two volleyball courts, two Lawn Tennis Clay Courts, one Kho-Kho Court and two Kabaddi courts are available on this ground. All other big field games are organized on this ground.
3. **Indoor Stadium:** Badminton Hall with Four Yonex mat courts is available in this stadium. The hall is fitted with best in class lighting arrangements so that students can play in best possible environment. The hall has a seating capacity of 1500. Three Table tennis tables are also provided for the students in this hall.

4. **Gymnasium:** Fully equipped gymnasium is available in campus. The gym for boys was established in 2012 and exclusive gym facility for girls was made available in 2018.

The College has organized many sports activities at University, State, and National Level in collaboration with the Swami Ramanand Teerth Marathwada University, Nanded.

Cultural Facilities:

The college provides necessary facilities for its budding artists. External experts are invited for mentoring and directing the performances.

1. **Open Auditorium 1 (Main Stage):** Open Auditorium with an area of 899Sq. meters is made available for the organization of annual social gathering and prize distribution ceremony.
2. **Open Auditorium 2:** For the organization of a few cultural competitions this auditorium (320 Sq. meters) is utilized which has a seating capacity of 500.
3. **Cultural Hall:** The college has a Cultural Hall (size 58 x 30 feet) for rehearsal of all cultural programs such as drama, dance, singing, skit, folk arts etc. The facilities include sound system, music system, drum set, lightning equipment, musical instruments and other allied instruments are hired from professionals.
4. **Display Boards:** at various places to exhibit student's creation like drawings, posters, sketches, art and craft etc.
5. **Dayanand Sabhagruh:** Dayanand Education Society's Dayanand Sabhagruh is a state of art auditorium with seating capacity of 1000 was constructed in 2007. It is exclusively used for organizing cultural activities, especially on the occasion of the inaugural function of annual gathering.

File Description	Document
Upload any additional information	[View Document](#)

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. *(Data for the latest completed academic year)*

Response: 72.73

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 16

File Description	Document
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View Document](#)
Paste link for additional information	[View Document](#)

4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during

last five years(INR in Lakhs)

Response: 31.25

4.1.4.1 **Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
4.00	16.37	8.56	90.60	52.42

File Description	Document
Upload Details of budget allocation, excluding salary during the last five years (Data Template)	[View Document](#)
Upload audited utilization statements	[View Document](#)

4.2 Library as a Learning Resource

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

Response:

- Library automation is playing an important role in our library management. Library automation process has been started from the year 2009 with "**SOUL 2.0**" Integrated Library Management System maintained in local server. This LMS consists of of Acquisition, Cataloguing, Circulation, Serial control, Stock Verification, User Management, Reports, OPAC modules etc. Total 06 computers are used in the library management process.
- **Software of University Libraries (SOUL)** is a state-of-the-art integrated Library Management Software designed and developed by the INFLIBNET Centre based on requirements of college and University Libraries. It is user-friendly software developed under client-server environment. The software is compliant to international standards for bibliographic formats, networking and circulation protocols.
- **Acquisition module** enables library staff to handle all the major function, such as suggestions management, order processing, cancellation & reminders, receipt, payment and budgetary control, master files such as currency, vendors, publishers and reports.
- **Catalogue module** is used for retrospective conversion of library resources. It has a facility to process the newly acquired library resources. The strong features of catalogue module allow cataloguers to create their own templates for data entry of different library resources. It allows User-generated customized reports, facilitates authority database of person name, corporate body, subject headings and series name.
- **Circulation module** takes care of all possible functions of circulation. Sufficient care has been taken in designing this module starting from membership management, maintenance and status of library items, transaction, overdue charges, renewals and reminders, search status and report generation according to the status of the items.

- **The OPAC (Online Public Access Catalogue)** has simple and advanced search facility with the minimum information for each item including author, title, subject headings, keywords, class number, accession number or combination of any of two or more information regarding the item and search support for the items that are in the acquisition process in the library.
- **Serials control managing** is the most complicated job for a library. The Module keeps track of serials in the library efficiently. Administration module of the SOUL 2.0 functions as per inputs from the various SOUL users and requirements of the library staff.
- **E-Shelf – Digital Library System Software:** It is purchased from Orell Technosystems (India) Pvt Ltd Kochi under UGC-CPE grant.

  It's features include 10 thousand e-books, e- journals, encyclopedia, dictionary, institution's magazine, question papers, projects reports, documentary, events, seminar reports and essays. It has a facility to add video lectures of faculty.
- **Technological Infrastructure available for Library Management**
    - **Library OPAC** is available for searching books available in the library.
    - **Barcode Technology** is applied in library, all books and membership cards are barcoded. Issue return transactions are done with barcode enabled devices.
    - **CCTV Surveillance System** is available in the library for security purposes.
    - **UGC – Network Resource Center** has been established in the library and computers in the library are made available to students for accessing e-resources.
    - **1 KV power Inverter** is installed to support library electricity needs for 24x7.

File Description	Document
Upload any additional information	[View Document](#)
Paste link for Additional Information	[View Document](#)

4.2.2 The institution has subscription for the following e-resources

1. **e-journals**
2. **e-ShodhSindhu**
3. **Shodhganga Membership**
4. **e-books**
5. **Databases**
6. **Remote access to e-resources**

Response: A. Any 4 or more of the above

File Description	Document
Upload any additional information	[View Document](#)
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership , Remote access to library resources, Web interface etc (Data Template)	[View Document](#)

4.2.3 Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)

Response: 2.12

4.2.3.1 **Annual expenditure of purchase of books/e-books and subscription to journals/e- journals year wise during last five years (INR in Lakhs)**

2020-21	2019-20	2018-19	2017-18	2016-17
0.86	1.06	4.51	2.24	1.93

File Description	Document
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the last five years (Data Template)	[View Document](#)
Audited statements of accounts	[View Document](#)

4.2.4 Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the last completed academic year

Response: 0.95

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

Response: 15

File Description	Document
Details of library usage by teachers and students	[View Document](#)

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

The IT facilities are continuously upgraded to meet the demands of teaching-learning process, research, evaluation, library and office management. The college has expanded and upgraded its IT facilities which include –

- Installation of 10 White Interactive Boards along with10 image scanners, PC Cabinet, projectors along with UPS Cabinet in 6 class rooms, 3 seminar halls and MATLAB. These devices are used as LMS facility to access Microsoft Teams and www.edscl.in.

- The internet bandwidth connectivity is upgraded to 100 mbps and recently installed Leased Line connectivity.

- Reliance Jio optical fibre connectivity network in whole campus and Reliance Jio free Wi-Fi.

- For Astrophysics Research Laboratory, separate internet connection plan with 30 mbps and for office, 10 mbps.

- 205 computers and 14 laptops with internet.

- For effective online teaching-learning process, especially during Covid 19, online teaching equipments which include Shootvilla stands, pen tablets, VTS Back Drop, Boya Dual Lavilar, BOYA Microphone, Logitech C270, Osaka Video Light, drawing tablet, Jiofi JDR 740, Logitech C525 etc.

- During the pandemic, Microsoft Teams for online education.
- Dayanand Science College is recognized as a 'Microsoft Showcase College and Microsoft Innovative College' by Microsoft, India in the year 2020-2021, for being a leading institution in Digital Technology.
- Under RUSA fund, purchased 2 Flip Digital Interactive Boards, 2 Flipchart/Mount Stand, 5 portable projectors and 5 projector screens.

- Purchased Microsoft Windows Operating System license copy.

- Library is fully automated with ILMS and upgraded to the latest version.

- Enhanced the e-learning facilities through E-Shelf Digital Library Software.

- Set up of Learning Management System (LMS) –Moodle with domain and Cloud Hosting. (Domain Name www.edscl.in)

- Purchased 1 Barcode printer and 2 Bar Code scanners for Library.

- The office administration is fully automated with CMS software.

- Gateway Infotech software for SMS facility.

- Network Attached Storage system for data backup.

- Purchased a display board having internet connectivity.

- Installation of Zybro DLL software and DIGI FROG software

- Purchased 16 Solar Blitz UPS backup batteries, Solar Blitz 12v 150AH Battery (Quantity-8) and Net Protector Total Security Gold

- For Exam Department, purchased L-Soft OMR Answer sheet Checking software, 1 Copier Machine, 1 Printer and 1 Scanner.

- Jio-modem for the Department of Computer **Sc**ience and Department of Mathematics.

- Regular updation of college Website.

- CCTV Cameras along with DVR and LCD.

- Upgraded routers for 100 mbps and 3 new network switches are installed.

- LAN cable CAT4 is replaced by LAN cable CAT6.

- Antivirus software is installed and upgraded.

- Replacement of mouse with Logitek optical mouse.

- Thumb impression system for attendance of staff replaced by Face Impression Systems.

- For the optimum utilization of IT resources, the college conducts various online exams such as IBPS, typing etc. on Sundays and holidays.

- Organization of ICT skill based value added courses for students and computer training programs for teaching and non-teaching staff.

- New MOUs and collaboration for online admission registration, online teaching-learning management.

File Description	Document
Upload any additional information	[View Document](#)

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

Response: 10:1

File Description	Document
Upload any additional information	[View Document](#)

4.3.3 Bandwidth of internet connection in the Institution

Response: A. ?50 MBPS

File Description	Document
Upload any additional Information	[View Document](#)
Details of available bandwidth of internet connection in the Institution	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)

Response: 64.31

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)**

2020-21	2019-20	2018-19	2017-18	2016-17
46.36	88.24	80.89	63.06	68.99

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	[View Document](#)
Audited statements of accounts	[View Document](#)

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

Response:

The college has a definite and systematic mechanism for maintenance and upkeep of physical, academic and support facilities. Some of them are maintained by Annual Maintenance Contract (AMC) given to concerned agencies and some are maintained by external agencies as per the need.

- For the maintenance and upkeep of physical, academic and support facilities of the College, budgetary provisions are made in the meetings of College Development Committee.
- For the maintenance and upkeep of the infrastructure, the Institution consults the professional architects/ engineers/Consultancies. AMC agreement is done regularly with various agencies.
- During all maintenance and up gradation work related to civil and electrical, a supervisor is assigned by the college authority to ensure the work done by the contractors and all other agencies.

- ○ The electrical equipments and systems are maintained by the appointed electrician of the college.
- ○ All minor faults are attended and repaired by hired technicians, carpenters, etc.
- ○ Renovation, beautification and painting of the physical infrastructure and campus are done as per the needs through external agencies.
- ○ For the uninterrupted power supply, the College has UPS backup, inverters and generators.

- ○ Stock Register is maintained by the concerned departments. The Stock Verification Committee physically verifies the resources and submits its report to the Principal every year. On the basis of the reports and suggestions, the Principal takes corrective actions, if needed for the optimum use and maintenance of the physical, academic and support facilities.

Laboratory Equipments/Machineries:-

- Gas connection pipe is checked regularly for any leakage by staff from Government authorized Gas Agencies or by any able technician.
- For the proper maintenance of laboratory equipments, professional consultants, company representatives, technicians or service engineers are called according to the needs of departmental equipment maintenance.
- For the purpose of fire safety fire extinguishers are installed which are refilled as per the need.

Computer and IT Infrastructure :-

- The college maintains Dead Stock Register regularly to keep account of the non- functional equipment, like computers, printers, etc.
- The maintenance of computer hardware and IT enabled systems are done by the technical staff, hardware technicians and electrician of the college.
- Antivirus software is installed and upgraded for the maintenance of computer systems.

Sports :-

- The maintenance of sports facilities and gymnasium equipments are done through outsourcing, whenever required.

Other :-

- Sweeping and cleaning of the classrooms, passages, departments etc. are done every day by the support staff.
- Maintenance of lavatories is outsourced through external agency.
- Electrician, plumber, gardener, lift operator, and special trained staff are appointed to look after the overall maintenance as per their skills.
- Also two employees are recruited for the regular monitoring and supervision of overall physical facilities maintenance required time to time.
- The maintenance of generator sets, solar panels etc are undertaken as per the guidelines given by the equipment suppliers.

File Description	Document
Upload any additional information	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during last five years

Response: 40.16

5.1.1.1 **Number of students benefited by scholarships and freeships provided by the Government year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
724	571	645	332	426

File Description	Document
Upload any additional information Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years (Data Template)	[View Document](#)

5.1.2 Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years

Response: 0.46

5.1.2.1 **Total number of students benefited by scholarships, freeships, etc provided by the institution / non- government agencies year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
2	5	4	5	13

File Description	Document
Number of students benefited by scholarships and freeships institution / non- government agencies in last 5 years (Date Template)	[View Document](#)

5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following

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

Response: A. All of the above

File Description	Document
Details of capability building and skills enhancement initiatives (Data Template)	View Document

5.1.4 Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years

Response: 69.26

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

2020-21	2019-20	2018-19	2017-18	2016-17
516	1694	1244	886	291

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document
Any additional information	View Document

5.1.5 The Institution has a transparent mechanism for timely 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: A. All of the above

File Description	Document
Upload any additional information	[View Document](#)
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	[View Document](#)
Details of student grievances including sexual harassment and ragging cases	[View Document](#)

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 0

5.2.1.1 **Number of outgoing students placed year - wise during the last five years.**

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
Details of student placement during the last five years (Data Template)	[View Document](#)

5.2.2 Average percentage of students progressing to higher education during the last five years

Response: 64.52

5.2.2.1 **Number of outgoing student progression to higher education during last five years**

Response: 340

File Description	Document
Details of student progression to higher education (Data Template)	[View Document](#)
Any additional information	[View Document](#)

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 100

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

2020-21	2019-20	2018-19	2017-18	2016-17
12	3	4	3	2

5.2.3.2 **Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
12	3	4	3	2

File Description	Document
Number of students qualifying in state/ national/ international level examinations during the last five years (Data Template)	[View Document](#)
Any additional information	[View Document](#)

5.3 Student Participation and Activities

5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.

Response: 9

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

2020-21	2019-20	2018-19	2017-18	2016-17
0	2	4	3	0

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national/international level during the last five year	[View Document](#)
e-copies of award letters and certificates	[View Document](#)

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

Response:

Student Council :

The college promotes students representation and engagement in various activities. Some of them are as follows.

- **Student council:** As per the statute of SRTM University, Nanded, student council (students' welfare) is formed. The Council has Class representatives selected on the basis of merit, two ladies and representatives of various cells such as NSS, NCC, sports and Cultural cells. They elect the General Secretary through a democratic election process. The council members actively organise and promote others to participate in academics/co-curricular/extra-curricular activities. The major annual gathering event is a two day colourful festival with activities like Dance, Drama, Speeches, Mimicry, Fishpond, Debate, funny games and sports.
- **Yuvati Kalyan Mandal (Women Empowerment Cell):** The cell incharge teachers select the body members (president, vice-president, secretary and members) by conducting interviews. It is a cell formed by girls, for the girls' to conduct specific programs. The girls are encouraged to conduct and participate in programs such as health counselling, woman empowerment, gender equity, legal, social and economic issues.
- **Literary and Cultural Association**: Literary and Cultural Association provides the students a platform to participate in art and literature. The aim of the association is to enhance their literary skills and to provide an avenue for self-expression. The office bearers of the association are selected on the basis of interview. The association organizes various competitions like debate, elocution, poetry recitation, extempore speech, skit, mime, dance, poster painting, mehandi, flower decoration etc. on the occasion of annual gathering. Students are encouraged to participate in intercollegiate/interuniversity /state/national level competitions, Youth Festival, Sahitya Sammelan etc.
- **College Magazine Committee**: The committee takes its origin with the idea to nurture the literary sprouts of the young budding talents through the publication of 'Unmesh'. It provides the students a platform to outpour their innermost thoughts and feelings in different forms of creative writing like poetry, articles, biographical sketch, travelogue etc. There is an editorial board of teachers and students. The students send their creative writing to the editor or any member of the editorial board. Then a selection is made and the best articles/ poems are published in the magazine. For best creative writing three awards are given by the Management to encourage the students to develop

their creative talent. The magazine also records talent and achievements of the students/faculty and highlights important activities of the college.

- **Science Association:** The selection of the students is done through applications & interviews by Principal and Portfolio members. The association organizes various events throughout the year with the following objective;
  - To create scientific attitude and awareness.
  - To create awareness about superstitions eradication.
  - To develop scientific temper in research.
- **Other committees:** The Students have their representation on various bodies like IQAC, CDC, Library committee, Anti-ragging Committee, NSS, NCC, Sports etc. The college provides support in organizing & coordinating various events to develop their managerial and leadership skills.

File Description	Document
Paste link for additional information	[View Document](#)

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

Response: 29.6

5.3.3.1 **Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years**

2020-21	2019-20	2018-19	2017-18	2016-17
02	51	36	35	24

File Description	Document
Number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions (Data Template)	[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:

The Alumni "Dayanand Vidnyan Maji Vidhyarthi Foundation" (Alumni Association) has been working since 2004 and registered with the Assistant Charity Commissioner on 16.03.2016. Dr. Yuvraj

Sarnikar (President), Mr. Hanumant Gaikwad (Vice President and Editor of Dainik Lokmat) & Mr. Balwant Suryawaonshi (Secretary) along with 6 body members are leading the association. The association's office is in the college premises. It is trying to build a strong bond between alumni and existing students. The alumni are serving across the globe as Scientists, Engineers, Doctors, Professors, teachers, self-employed etc. Many of them are renowned businessmen, industrialists providing employment opportunities for others. They are giving support to the students through continuous interaction, financial aid, guidance and placement.

Objectives of the Alumni association:

- To encourage and promote friendly relations between all Alumni members
- To initiate and develop programs for the benefit of the alumni and existing students of the college
- To assist and support the students by contributing funds for development
- To serve as a forum through which alumni may support and advance the pursuit of academic excellence at the college
- To guide and assist alumni who have recently completed their courses to obtain employment and engage in productive pursuits useful to society
- To organize and co-ordinate reunion activities of the Alumni and let the Alumni acknowledge their gratitude

Activities and Contributions:

- Alumni have donated funds to assist the Poor & Meritorious students of the college and needy stakeholders.
- Alumni are included as invited members for meetings at the college and they interact with their teachers and express their suggestions on curriculum revision.
- Few Alumni gave Guest lecturers to the existing students on some contemporary technological developments and career guiding focuses.
- Alumni uphold the needy students in rural area and provide monetary help for completion of their education and help them in career opportunities.
- Annual audit is conducted through a certified Chartered Accountant.
- Initially in 2004 to 2013 a small group of Alumni tried to help financially to poor students.
- In 2015, the group has formally conducted distinct programs in the college premises and Latur district.
- A program was conducted in presence of *Padmashri Awardee Dr. Ashok Kukade* and Shri Laxmiramanji Lahoti, President, Dayanand Education Society to help 65 poor students with Rs. 10,000/- (each) on 16.05.2016.
- In 2017, the association has organized a program inviting well known *Padamshri Awardee Smt. Sindhutai Sapkal*, "Mother of Orphans" in presence of all alumnies and donated Rs.9 lakh to their charity run.
- In 2016/2017/2018 the members used to visit *Jalkot Tanda & Kulkarni Tanda'* emote places in Rural area on Deepavali and distributes Sweets, Cloths and Educational Kits to identified students. A program in presence of Charity commissioner, Latur Shri Shivkumarji Dige was conducted at *Kalamb* in remote place for celebrating Deepavali Festival of 2017.
- In 2019, a tri-Scooter was donated to Mr. Aadmane a Divyang employee of College. A video Clip includes all the activities.

Alumni contribution during the last five years (INR in Lakhs)

Year	Alumni Contribution (Rs.)
2016-17	6,01,000
2017-18	2,02,000
2018-19	48,530
2019-20	3,45,500
2020-21	19,005
Total	**12,16,035**

File Description	Document
Paste link for additional information	[View Document]()

5.4.2 Alumni contribution during the last five years (INR in lakhs)

Response: A. ? 5 Lakhs

File Description	Document
Link for any additional information	[View Document]()

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

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

Response:

Vision Statement:

"Let all the noble, divine thoughts come to us from all directions of the universe."

Mission statement:

- To establish and sustain a Meritorious Dayanand Pattern striving for excellence
- To enlighten students of rural area and empower them to contribute their services for national development

Goals and Objectives:

- To provide quality academic environment for effective teaching, learning and research in basic sciences
- To develop a scientific temperament through a strong academic foundation coupled with practical exercises
- To acquaint students with modern technology, advance research and its applications to enable them to face global challenges
- To motivate students for acquiring scientific skills and creativity
- To collaborate with stakeholders of higher education for quality science education and research
- To create socio-environmental awareness among students and masses around
- To build multidimensional personality of students

Nature of the governance:

Through its vision and mission statements, our college aims to provide the quality education to the students of rural area. The management is committed to the aim of quality education by providing with all physical

resources and advance tools of techniques to the students essential for the curriculum. The college has a participatory and decentralized system of Governance. At the topmost level there is a board of Management Trustees and Governing Council of Dayanand Education Society (DES). The Governing Council (GC) is the highest body to frame and implement the policies of DES.

All activities are monitored and controlled by the College Development Committee (CDC). Important policy decisions are taken in GC and the decisions are conveyed to the Principal through CDC. The Principal alongwith the vice-principal and IQAC co-ordinator implement and monitor the Office, Departments, Committees and various associations.

Perspective plans :

The IQAC prepares the perspective plan to assure the quality education taking into considerations the suggestions given by stakeholders. The college has successfully implemented the strategic plan (2014-19) and worked out the strategic plan (2020-25). The college has UGC-CPE, DST-FIST, RUSA recognitions, Best College award, Best Principal Award etc.

Participation of teachers in design making:

The DES provides autonomy to the Principal of the college. The Principal as the head of college assumes "first among equals" and works on the principles of delegation and decentralization of responsibilities. The Principal delegates some authority to the vice principal, IQAC coordinator and HoDs. The HoDs and faculty members in consultation decide the teaching methodologies and innovative practices to ensure quality education. The teachers have freedom for curriculum design and implementation of COC-UGC, UGC-innovative programmes, Organization of Workshops, Seminars and Conferences and the themes of their interest.

The H.O.D along with his colleagues plays a key role in the administration. Thus, teaching staff, students and the administration, plan design and execute the curricular, co-curricular and extra-curricular activities effectively. The active participation of teachers in decision making is ensured through their representation as members of GC, CDC, IQAC, Finance Committee, Research Committee, UGC, Grievance Redressal cell, Anti Ragging, Internal Complaint Committee, SC/ST, OBC, Minority Cell, Malpractice Prevention and various Working Committees formulated by college.

File Description	Document
Paste link for additional information	[View Document](#)

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

Response:

The college promotes a culture of decentralization and participative management. For the effective functioning of various bodies, the principal delegates some authorities to subordinates. The Governing Body, the CDC, Principal, Vice-Principal , HOD's and Coordinators of various committees play a major

role in the process of delegation and decentralization of the administrative, academic and financial responsibilities.

A case study of practicing decentralization and participative Management

- In 2016-17 the Department of Mathematics systematically organized International Conference on Mathematical Analysis & Its Applications (**ICMAA2017**) during 05.03.2017 to 09.03.2017.
- The HoD of Mathematics planned and put the proposal in front of the Principal and C.D.C.
- As per the decision of CDC the conference was organized under presidency of Hon. Laxmiraman Lahoti, Vice president Hon. Arvindaji Sonawane, Secretary Rameshji Biyani and Joint Secretary Sureshji Jain. The Chairman of the Conference was Principal Dr. Jayprakash Dargad and the Convener was Dr.S.S.Bellale. Prof. S.N.Salunke and Mr.V.D.Gaikwad worked as organizing secretaries.
- Various Committees were formed at college under the guidance of Principal, Vice Principal and H.O.D's of various departments. A list of resource persons was decided after consultation and discussions. The College submitted proposals for grants to various funding agencies like DST, SERB, NBHM, DRDO, SRTMU, Nanded. The organizing committee planned the framework under the guidance of the Principal and the work was distributed among the faculty members.
- Dayanand Education Society granted Rs. 2 Lakh for organization of the Conference. The planning and execution was done with the assistance by all committee members, teaching, non-teaching staff, Ph.D. students, and UG/PG students. The conference received constructive criticism too.
- The Conference brought together 425 representatives from various Institutions in states and universities from India and others countries like Korea, Romania, PNG, Pakistan, Italy, Turkey, Thailand, Sikkim, Malaysia, Iran, Egypt, Nigeria, USA, Saudi Arabia and Yemen. Hon. Vice Chancellor of SRTMU, Nanded Dr. Pandit Vidyasagar was the Chief Guest of the Inaugural Function of the Conference.
- Vittorio Calao (University Della Calbria, Italy) and Javid Ali (Aligarh Muslim University Aligarh, U.P) acted as Chief Guests of the Valedictory Function and Guest of Honor was Prof Dr. J.K.Kim (Kyungnam University, Changwon,Gyeongnam ,Korea). As a Keynote Speaker Prof. Dr.V.Berinde (North of Baia Mare, Romania) delivered his keynote address.
- The international conference was a great success due to the effective leadership of the principal (Recipient of Best Principal award of the university), the delegation of authority to the vice-principal and organizing committee members as well as participative management of the various stakeholders of the college.

File Description	Document
Paste link for additional information	[View Document](#)

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

The perspective plan is designed by the college for the five years (2015-16 to 2020-21). This plan is

framed by considering the vision, mission, goals and objectives of the college. It is executed as per the requirements to meet the national or regional problems or issues. The stated policies are reviewed periodically by the management and stakeholders. The major objectives of the perspective plans are

- To encourage the faculty to apply for Major and Minor Research Projects.

- To organize State/National/International level conferences/seminars and

workshops.

- To introduce P.G. Courses in the subjects of Botany and Zoology and

UG course in Biotechnology.

- To motivate students to participate in research based activities like Avishkar, Anvenshn, seminars and conferences.

Implementations

- Faculty member Dr. N. S. Korde applied for Minor Research Project and it has been sanctioned by SRTMU,Nanded.
- INSPIRE faculty member Dr. M. B. Pandge's two Major Research Projects have been sanctioned by SERB (1.00crore).
- Faculty member Dr. Ravindra Shinde got patent on

1,3,5- TRIAZINE PYRAZOLINE HYBRIDS AS ANTI –IMFLAMMATORY AND ANTI-UROLITHIC AGENT,Application no 201921016766A

- The College organized three international conferences, four refresher courses, six workshops on syllabi and ten regional level programmes during last five years.

- To fulfill the need and demand of rural students, college has started PG Courses in Mathematics, Physics, Botany, Zoology, UG in Biotechnology and second division in Chemistry.
- To improve research culture, college has established three new research centers in the subject Mathematics,Physics and Chemistry.
- For the innovative research in basic science, the College has organized 16 INSPIRE Camps. As a result of these INSPIRE Camps total 25 students are motivated and they are admitted to B.Sc. There are 46 students studying under this scheme. These students are sanctioned 80,000/- Rs. per year INSPIRE (SHE) scholarship.
- The college provides financial support for the activities like students workshops and field visits time to time.

Name of students	Year	Activities/Award	Organized by	Level
Miss. AishwaryaArunAndhare	2017-18	Prize in Latur District Level	COCSIT, Ambejogai Road, Latur in association with	University

B.Sc. FY		AVISHKAR Research Festival-2017. Under the category UG, in the discipline of Pure Sciences Agriculture and Animal Husbandry	SRTMU, Nanded on 21st Dec 2017.	
B.Sc. SY	2018-19	has won ANVENSHAN-University level Student Research Convention(Phase 1)selected for west Zonal Level Student Research Convention (Phase -2) won **Third** Prize in ANVENSHAN- Student Research Convention west zone 2018-19, 3) won **Second** Prize in Latur District Level AVISHKAR Research Festival-2018under the category UG, in the discipline of Pure Sciences	Swami RamanandTe erthmarathwada University Nanded held at Pacific Academy of Higher Education and Research University, Udaipur, Rajasthan, India 3) organized by COCSIT, Ambejogai Road, Latur in association with Swami RamanandTe erthMarathwada University, Nanded on 19th Dec 2018.	University State University

File Description	Document
Paste link for additional information	[View Document](#)

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

Response:

- The college is governed by Dayanand Education Society (DES), Latur and permanently affiliated to SRTMU, Nanded. The DES Governing Council and the college CDC function as per the norms of the Parent University, the UGC and the Government of Maharashtra.
- **College-Development Committee (CDC)** formulated as per Maharashtra-Public-University-Act 2016, involves Chairperson and Secretary of Management, one HOD, three teachers, one non-teaching staff, four local members nominated by DES, IQAC Co-coordinator, Secretary of Students' Council and Principal as member secretary.
- It functions towards preparation of development plan of the college regarding academic, administration, infrastructural growth and enables to foster excellence in all academic spheres of

the college.

- The CDC and IQAC finalize academic, administrative and infrastructural development plans of the college.
- CDC regulates the policies for an effective functioning. The strategies are designed and executed with the active co-operation of all stakeholders. The Principal being the member of the governing body executes the policies and programmes through various committees.
- The Principal presents IQAC minutes in CDC meetings for information/approval. The IQAC, chaired by the Principal, has the responsibility of reviewing the academic outcomes and to plan for introduction of new programs/courses as per requirements and feedback from various stakeholders.
- The IQAC reviews and approves all MoUs signed. It ensures that the recommendations of the IQAC are executed in letter and spirit.
- **The Principal** monitors the administrative staff and distributes the work among the administrative staff for smooth functioning and time-bound completion of the work. He is responsible for implementing policy decisions of the parent institute; prepare and execute ordinance; plan and execute academic, administrative, infrastructure, knowledge and resource developmental activities as per the State Government, Parent University and the UGC norms. The IQAC coordinator, the Vice Principal, the HoDs and support staff workout for effective execution by keeping focus on students' progress.
- **The IQAC-coordinator** looks after the tasks of IQAC under the guidance of CDC. The institute's administrative system has decentralization of power wherein the HoDs are empowered to handle departmental activities. The In-charge of support units namely NSS, NCC, Sports, cultural and other portfolio look after the activities concerned. The Librarian is responsible for the procurement and dissemination of knowledge resources.

Appointment, Service Rules and Procedures

- The appointment of teaching and non-teaching staff members is done as per the UGC, Department of Higher Education Maharashtra state and SRTMU acts, statute, rules and regulations. The unaided staff members are appointed and paid by the DES.
- There is a well maintained record of service rules, procedure, recruitments, promotional policies etc. along with Service Books and personal files. The administrative office communicates all the service rules and changes to the staff from time to time. The administrative office retrieves stores and prepares detailed reports concerning the fees, attendance, scholarships and all the details concerning the staff members and students. They are also responsible for uploading and updating the college data on the Students Portal and website.

File Description	Document
Paste link for additional information	[View Document](#)
Link to Organogram of the Institution webpage	[View Document](#)

6.2.3 Implementation of e-governance in areas of operation

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	[View Document](#)
ERP (Enterprise Resource Planning) Document	[View Document](#)
Details of implementation of e-governance in areas of operation, Administration etc	[View Document](#)

6.3 Faculty Empowerment Strategies

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

Response:

The College considers all of its members as a big family known as *Dayanand Pariwar*. Hence it has a well established welfare mechanism for teaching and non-teaching staff, as listed below:

- For aided staff members recruited before 1st November 2005, the **GPF scheme** is operational. In GPF account, deduction of a specific amount from employee's Salary is done as per norms of Maharashtra government rule. The yearly interest is credited as per GPF rule. After Retirement, the employee will be benefited with total deposited amount with addition of interest.
- **Defined Contribution Pension Scheme (DCPS) f**or aided staff joining the service after 01/11/2005.
- **Medical Claim** facility for aided staff members through Joint Director of Higher Education, Government of Maharashtra.
- For unaided staff members, **Employees Provident Fund (EPF)** is applicable in which 12% share is given by the college and the same is contributed by the employee.
- **Dayanand College Employee Cooperative Credit Society, Latur** provides emergency loan, festival loan and main loan for home construction, education to ward and emergency health issues.
- **Advance payments** are issued to needy teaching and non-teaching staff, particularly on the occasion of various festival celebrations, medical treatment and other emergency occurrence etc.
- For the newly appointed teaching staff, advance payment is issued as per their requirement till their regular salary is approved.
- Financial support is given to the teaching staff in order to attend national and international conferences, workshops and seminars.
- Felicitation of teaching and non-teaching staff getting retired, special awardees and achievements in academic or social life at the time of flag hoisting ceremony. The staff members are felicitated in a function for sincere discharge of their duties in the college, qualifying examinations like SET/NET, paper presentations at international conferences, publishing books, achieving Ph.D. and M.Phil. Degree.
- Two-sets of uniform and washing allowance for non-teaching staff are provided.
- Fee concession to the ward of the teaching and non teaching staff in the admission of 11th to PG

course.

- If there is a delay in salary from the government then management pays the salary in time from their own funds.
- Free Internet facility is made available through Wi-Fi.
- Latur Urban Co-operative Bank Ltd., Latur ATM facility is in campus premises.
- The college arranges various workshops and training programs on different topics like Disaster Management, Fire Fighting or use of fire safety instruments, Financial Awareness (in collaboration with SEBI), Energy Management (in collaboration with Ministry of Petroleum and Natural Gas), Computer Literacy Workshops for non-teaching staff programmes on social themes, etc. without the registration fees for employees.
- Art of Living workshop on 'Balanced and Prosperous Life' was organized and the entire cost was born by the parent institute Dayanand Education Society including registration, tea, lunch and certificate.
- The College has initiated a value added course "Yoga at Home and Yoga with Family" for Teaching, Non-teaching and family Members of the college. The entire cost of the course is born by the college.
- The college organizes various workshops and events on 'Peace of Mind, Time and Stress management'.

File Description	Document
Paste link for additional information	[View Document](#)

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

Response: 24.18

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**

2020-21	2019-20	2018-19	2017-18	2016-17
57	5	1	2	1

File Description	Document
Upload any additional information	[View Document](#)
Details of teachers provided with financial support to attend conference, workshops etc during the last five years	[View Document](#)

6.3.3 Average number of professional development /administrative training programs organized by

the institution for teaching and non teaching staff during the last five years

Response: 6.6

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

2020-21	2019-20	2018-19	2017-18	2016-17
5	10	10	5	3

File Description	Document
Upload any additional information	[View Document](#)
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff	[View Document](#)

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 17.23

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

2020-21	2019-20	2018-19	2017-18	2016-17
05	07	11	10	10

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	[View Document](#)
IQAC report summary	[View Document](#)
Details of teachers attending professional development programmes during the last five years	[View Document](#)

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

Response:

- To attain and sustain the quality parameters for the development of the institution, it is necessary that the policies, practices and programmes are executed in true spirit by the two crucial stake holders- the teaching and non-teaching staff. The College has well defined and structured mechanism for performance appraisal system for teaching and non-teaching staff.
- The performance of every employee is assessed after the completion of one year of service. Systematic evaluation of the performance of employee is done to understand the ability of a person for his/her further growth and it encourages staff to keep working efficiently and strive hard to attain new goals in various areas of academics and administration.
- There are different parameters to assess the performance of teaching and non-teaching staff. For teachers, Performance Based Appraisal System is followed which is based on self-review, peer review and feedback from students.
- The annual assessment of the performance of the teaching staff is done through submission of self-appraisal forms as per norms of UGC and affiliating university. "Annual Self assessment for the Performance Based Appraisal System" requires information under 4 categories, namely Teaching-Learning-Evaluation Related Activities (Category I), Co-curricular, Extension, Professional Development Related Activities (Category II), Research Publication and Academic Contributions (Category III), Summary of API Scores (Category IV).
- The faculty has to indicate their competence in terms of various parameters mentioned therein the proforma. The self-appraisal proforma also retrieves the information regarding the reasons for under-performance and invites suggestions for enhancing the performance. These parameters range from qualitative and quantitative (results) parameters of teaching made to various activities as membership or their role as convener of various cells, clubs committees etc.
- The overall peer review and evaluation is carried out by the Principal. Besides they are reviewed by CDC through IQAC. The outcome of the feedback analysis is informed to each faculty for the purpose of improvement and encouragement.
- The IQAC after assessment forwards the teacher's CAS proposal to CDC. After CDC approval, the proposal is forwarded to the university. The university committee assesses the CAS proposal and recommends to the University for Promotion. The university approves it and forwards to the Joint Director, Higher Education Government of Maharashtra for pay revision. Finally the teaching staff members are promoted from Assistant Professor to Associate Professor, Associate professor to Professor.
- For non-teaching staff, the forms are as per Higher Education Department, Govt. of Maharashtra "Form of Annual Confidential Report" (ACR). There is a system of appraisal where in they are required to fill the proforma. Their skills and performances in the administrative work are judged. The book of worksheet is given to each nonteaching staff for writing the regular work in the college and it is verified by the Office Superintendent.

File Description	Document
Paste link for additional information	[View Document](#)

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

- The college is government aided, privately managed and it receives financial assistance from the Maharashtra Government, UGC, DST, MPCB, IASc and the Governing Council of the college.
- The college gets students fees, grants and scholarships from various agencies and funding organizations besides State Government and non-government agencies.
- The accountant of the college maintains all the financial records in accounting Cloud Based ERP CCMS (Centralized Campus Management System) purchased from- Master Soft ERP Solution Pvt. Ltd. Nagpur.
- All the vouchers and bills are duly audited by a team of qualified and well experienced Chartered Accountants. They also conduct audit of the grants received from agencies like DST, UGC, SERB, RUSA, MPCB, state government and other funding agencies for organizing academics and research activities.
- To keep the record transparent and to ensure accountability, the college office prepares the balance sheet clearly indicating the amount spent under different heads during those particular periods. The balance sheet is prepared by the Head-Clerk, verified by the Office Superintendent and the Principal and audited by the Chartered Accountant.
- Chartered Accountant Audit- The account books are regularly audited by the chartered accountant appointed by the parent institute i.e. Dayanand Education Society. In case of the aided courses, separate account books are maintained which are audited by the chartered accountant, administrative officer as well as senior auditor for assessment & settlement of grants. These accounts are audited upto 31.03.2021. The accounts of self-financed courses are audited by internal auditor, a chartered accountant. The audit is performed upto 31.03.2021. All audit reports are submitted to Governing Council for its inclusion in the reports of the parent institution.
- Apart from the above said audit mechanism, as per the norms of Government of Maharashtra, Higher Education Department, the college conducts its financial audit annually by Accounts Officer (AO), followed by audit by Senior Auditor, Joint Director Office Higher Education, Nanded and final audit is conducted by Accountant General, Nagpur, for salary and non-salary grants received from the government.
- There are no major irregularities in audits. The reports of last 5 years audits are ready. Audit objections are promptly resolved. Suggestions made by the auditors for budget allotments are incorporated in the subsequent budget statements.
- The office of the Accountant General (Audit) –II Maharashtra Nagpur conducted the final audit of RUSA under CPE Funds. He communicated his audit objections to the college regarding CPE-Scheme (2016-21) and the college clarified them.
- Financial assistance for scholarship received from government and non-government organizations are audited by the concerned authorities such as UGC. The statements of expenditure and utilization certificates are audited by the external auditor. The settlement of the accounts is done by the concerned funding agencies. If the funds are not utilized as per the guidelines of the funding agencies, the funds have to be repaid with interest.
- The external audit report is put before Governing Council for its perusal and observations.

File Description	Document
Paste link for additional information	[View Document](#)

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

Response: 0

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

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the last five years	[View Document](#)

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

- The College has strategic planning for optimum utilization of resources and mobilizing funds by sending proposal to various funding agencies. This approach has been very fruitful in fetching huge grants from the govt. The NAAC 'A' grade (CGPA:3.14) of the college during second cycle has fixed the path for entitling for grants from UGC, DST, INSA, DBT, RUSA and the state government for various schemes to attain and sustain quality in teaching and learning.
- A major portion of regular funds are provided by the Department of Higher Education, Maharashtra in the form of salary of staff members (employed under Grant-in-Aid).
- **Grants/Funds Received from Various Agencies**:
- During 2016-2021 the college has received Rs. 8.28 Crores grants from funding agencies such as UGC, DST, SERB, ISRO, IISc, MHRD, MPCB, SRTMUN, NBHM, CSIR, INSA, MSIM etc.

1. The UGC has sanctioned Rs.1.5 Cr. for five years in the first phase of UGC-CPE scheme and received first installment of Rs. 1.02 Cr. for the development of physical infrastructure, up gradation of the laboratories and learning infrastructure.
2. The institution has also received grants from the govt. agencies viz. DST, RUSA, MHRD, INSA, NBHM, UGC, DRDO, NAAC, IASc, DSO Latur, SRTMU Nanded and CSIR for organizing various international and national conferences, workshops, seminars, refresher courses, science camps, sports events and to develop sports infrastructure etc.
3. DST has sanctioned Rs. 1 Cr. under INSPIRE Faculty Awardees scheme.
4. SERB sanctioned Rs. 26 lakhs under R & D.
5. MPCB, Govt. of Maharashtra also sanctioned three stations for air quality monitoring program and college has been receiving 6.9 lakhs per year since 2012.
6. Foreign travel grants have also been received from UGC.
7. Dept. of Science and Technology, GOI sanctioned grant for organizing Inspire camps.
8. The Maharashtra Government provides funds for organizing Vigyan Manch camps.
9. Grants under various scholarship schemes, viz. state Govt. all scholarship, DST-SHE scholarship,

GOI scholarship are mobilized for students, such as Eklavya scholarship

10. Under RUSA, the Maharashtra State Govt. has sanctioned Rs. 2 Cr. grants under component 9 (Our College is only one grant-in-aided college from our university to get this grant).

- Dayanand Education Society has an Auditorium (1000 seats) and a shopping complex through which rental income is generated. The society uses these funds for financing different activities of the college.
- For conducting U.P.S.C & M.P.S.C, CET, Banking, NEET and other examinations, the college building has been given on rental basis to the different agencies.
- The institute's playground as well as badminton court and other infrastructural facilities related to sports have been regularly provided to sports association in the region for organizing various matches and sport events.
- Alumni Association contributes both in kind and in cash towards student welfare. To ensure proper utilization of resources, scrutiny is done at the college and society level.
- The IQAC of the college suggests ways and means for systematic utilization of funds both for academic and co-curricular purposes. The funds are properly utilized in time bound manner and utilization certificates are sent to the concerned agencies.

File Description	Document
Upload any additional information	[View Document](#)
Paste 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

Response:

The IQAC constantly endeavors for quality assurance by introducing various plans and strategies. The following two practices have been institutionalized as a result of IQAC initiatives**.**

(A) Individual Teachers Achievement Presentation:

To emphasize the role of teachers in the quality improvement of the college, every year the college organizes PPT presentation of teachers on his role in quality development. This presentation is organized in the month of June/July at the beginning of the academic year. The presentation includes over all academic development of teachers related to the following points:

- Curricular aspects
- Teaching Learning and Evaluation
- Research, Innovation and Extension
- Student Support and Progress
- Social Activities

- Role in college development

The Principal, the IQAC coordinator and the teaching staff remain present at the time presentation. They discuss the contents of the presentation. The Principal and the IQAC Coordinator evaluate the performance of the teacher and gives suggestions for further improvement. The teacher's performance is considered for promotions and financial increments for unaided staff. On satisfactory performance, their services are continued for next academic year.

Following are the outputs of this practice:

- Opportunity to participate in the college development.
- Improvement in the performance of teachers.
- Consideration of teacher's role in quality development
- Measurement of overall academic performance of the teacher.
- IQAC gets overall academic feedback of teachers for further improvement.

(B) Effective Feedback System for Quality Improvement:

The students are the real ambassadors of the college. IQAC collects seven types of feedbacks from students and stakeholders. Amongst these, five types of feedbacks are based on the curriculum and two feedbacks on teachers and college are collected from the students.

1. Feedback from students on teachers
2. Feedback from students on College

These feedbacks are collected online and offline which include the particular questionnaire which is useful to develop teaching, learning and evaluation process of the college. The result analysis of the feedback is given to each teacher along with the remarks of the Principal.

The suggestions of the students are forwarded to each teacher by confidential email.

Outputs of this practice are as follows.

- Increasing meritorious record of our college as compared to university level.
- Direct suggestions received from students to improve teaching
- Principal gets suggestions regarding the college activities from these feedbacks.
- The suggestions help to improve teaching, learning and evaluation process in the college.
- We can get requirement of students easily.

File Description	Document
Paste link for additional information	[View Document](#)

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations

and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities (For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives)

Response:

In this digital era, there is a paradigm shift in the teaching-learning methods with the ICT systems in focus. We therefore, have adopted and followed it rigorously as per the recommendations given by IQAC. Two examples of institutional reviews and implementation of teaching learning reforms are as follows:

1. Creation of IT infrastructure and its usage

- Interactive smart-boards have been installed and connected with internet viz LAN/Wi-Fi The whole campus is on Wi-Fi.
- All the computer labs have been upgraded with latest hardware and software.
- Digital display boards are installed in the campus.
- College has adopted e-Learning Management System (e-LMS).
- The college library has a separate enclosure for students to work on computers for accessing e-resources.
- The Administrative Offices have also been provided with improved hardware and software supports so that the connectivity is seamless.
- E-learning resources are made available free for our students and also for the students of other colleges.
- Online courses are made available for students and teachers, for example NPTEL.

2. **Submission of Proposal for Receiving Funds and Introduction of New Programmes/ facilities**:

- IQAC submitted different proposals to UGC, DST, INSA, SERB, IASc., RUSA etc. for organizing various academic activities and for the improvement in infrastructural facilities.
- After getting sanctions and funds from above institutions, the college organizes lecture workshops, INSPIRE Science Camps, refresher courses, skill development programmes, research and development activities through which the overall quality and knowledge of the teachers and students is updated.
- As per the suggestions and feedbacks received from students and various stakeholders, the following new programmes/courses are started.

1. New PG Programmes in the subject of Mathematics and Physics

2. New UGC-COC courses in Mobile Repairing, Drug Analysis, and Matlab Training Programme

3.New research centers are recognized by SRTMU Nanded in Physics, Mathematics and Chemistry

The major outcomes of above activities during last five years are:

1. In the post assessment period, the college Principal Dr. J. S. Dargad has been awarded as 'Best Principal' in the year 2015-16 by SRTMU Nanded.

2. The UGC New Delhi awarded the college 'UGC-CPE Status' in the year 2016-17.
3. RUSA, Maharashtra State Govt. has sanctioned Rs. 2 Cr. grants under component 9 (Our College is the only aided college to get this grant in our university jurisdiction).
4. The College also received DST-FIST recognition and grants in 2012-13. The FIST grants are being utilized during 2014-15 to 2017-18.

During last five years, following are the outcomes in improvement in quality of teachers and students :

1. Research- 25 faculties awarded with Ph.D. degree, 14 faculties recognized as research supervisors, increased research publications.
2. Increasing University results and Merit Rankers, Inspire SHE scholarship holders, students research publications
3. Increased enrollments and the quality of intake.
4. Enhancement in students NET/SET after PG.
5. Inspire faculty awardees scheme is sanctioned to Dr. M.B. Pandge by DST with 1 Cr. for research.
6. During COVID-19, college has established effective online teaching and learning system via Microsoft teams, google meet, YouTube etc.

File Description	Document
Paste link for additional information	[View Document](#)

6.5.3 Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements**
2. **Collaborative quality intitiatives with other institution(s)**
3. **Participation in NIRF**
4. **any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)**

Response: C. 2 of the above

File Description	Document
Upload details of Quality assurance initiatives of the institution	[View Document](#)
Paste web link of Annual reports of Institution	[View Document](#)

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

Response:

a) Safety and Security

- The college provides an enabling environment for gender equity with sensitivity for gender related issues and has taken a lot of care to ensure not only the safety of girls students and staff on the campus but has also taken steps to create an atmosphere on the campus where female staff and students flourish in academic, administration and in every field.
- There are mechanisms such as Internal Complaint Committee (ICC),Complaint Box for girls in Ladies room and a distinct women cell (Yuvati Kalyan Mandal/ YKM).
- The ICC provides personal, academic and social counseling to girl students and organizes special lectures on the topic of social relevance to girls and activities to create gender sensitivity on the campus.
- There are security guards in college premises with prime responsibility to maintain continuous surveillance on mischievous and harmful activities, prevention of Eve teasing. The discipline committee continuously monitors the security practices in the campus. The complaints related to violation of discipline are reported to the principal by security guards. The surveillance system is made effective with the sets of CCTV cameras. Footage of the recording is periodically seen and appropriate action is taken by the principal, if any suspicious activity is observed.
- The training sessions of self defense are organized for girl students by YKM/ICC. It looks after the grievance of the girl student and if necessary help of discipline committee is taken. *"Damini Pathak"* of local police station periodically visits the campus for the prevention of offensive activities.
- In the college campus at distinctive places the display boards are mounted with respective contact numbers of members of ICC. They can be contacted in case of emergency. There are separately appointed women staff (including Rector) and hostel committee members who individually take care of safety, security and counselling of hostel students. There are mess and recreational facilities within the hostel campus with separate security guards and no entry zone for males in the premises of ladies hostel.

b) Counseling

- Women cell (ICC & YKM) organizes all the important activities associated with the counseling of girls and boys. Whenever necessary the girls get counseling from our women faculty. The college organizes the programmes having themes such as women's rights, legal defense, personality development, health consciousness and hygiene, woman's empowerment, woman's economic empowerment, energy management awareness, skill development workshops, lecture workshops etc.
- Special counseling is given to encourage girl student's participation in extension activities through NSS/ NCC/Sports/cultural events. Counseling is done for girl students to participate in National/International research conferences and various research and development programs. Also

to promote them in such events financial assistance is provided.

c) Common Room

The college has provided a separate Ladies Room for girl students with attached wash room and facilities such as complaint box, first AID box, CCTV camera (outside), Wi-Fi, Notice board, Vending machine, Chair seating arrangement etc. There is a ladies staff room with separate wash room and lavatory facility.

File Description	Document
Link for specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	[View Document](#)

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

1. Solar energy
2. Biogas plant
3. Wheeling to the Grid
4. Sensor-based energy conservation
5. Use of LED bulbs/ power efficient equipment

Response: C. 2 of the above

File Description	Document
Any other relevant information	[View Document](#)

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- Solid waste management
- Liquid waste management
- Biomedical waste management
- E-waste management
- Waste recycling system
- Hazardous chemicals and radioactive waste management

Response:

Solid waste management

- The College has a large area and have enough population that generates quite amount of solid waste in the form of paper waste, plantation waste, food waste and other solid wastes. The College has

- provided dust bins for separate dumping of degradable solid (food waste, plant waste, microbial media waste etc.) and non degradable solids (Plastic, broken glasswares etc.). Each department collects waste in dust bins and transfer to the decomposition site by cleaning staff.
- The non degradable waste is collected and dumped in the *"Ghanta Vehicle"* of Municipal Corporation.
- The bio-degradable waste is used for production of biofertilizers. The college has developed bioferlizers production Pits above the level of soil. Each Pit is 1m x 1m x 3m and has a capacity to load about 4 ton of solid waste. The Department of Microbiology has developed the methodology to decompose whole solid waste using microorganisms to convert **"waste into Biofertilizers".** This concept of decomposition of waste by using microbes is an innovative idea and utilizes variety of potent microorganisms which degrades all components present in solid waste. After decomposition fine filtered compost is collected in the 50 kg bags and stored at room temperature and used for the plants planted in the campus.

Liquid waste management

- The College has a system for the waste water of lavatories, urinals, wash rooms and laboratories which includes internal underground drainage, pipelines and septic tanks.
- The waste water is collected through pipelines and sent to the STP for purification and reuse and unused water is dumped into municipal corporation drainage system. Our parent society has installed a Sewage Treatment Plant (STP) with the help of Life First Concepts and Technologies Pvt. Ltd. Pune in 2019. It processes the waste water of hostels, which is used for the green campus.

Biomedical waste management - Biomedical waste is not generated in the college campus.

E-waste management

The college has a contract with local vender for annual maintenance and e-waste management of (especially computers), electronic devices. Every department has responsibility to collect the e-waste. The collected e-waste is then taken by the vendor for its sorting, testing and possible recycling.Some old but working computers are donated to some needy local schools. Recentaly six computers are gifted to Smt. Surajkunwardevi Lahoti Creative Kids School.

Waste recycling system-

The waste generated from various corners of the college is collected at one place and then it is sorted as degradable and non degradable. Non degradable solid waste is then send for recycling to the Municipal waste collecting tractor which comes twice a week.

Hazardous chemicals and radioactive waste management

Inorganic and organic waste is collected separately. Inorganic waste is water soluble and able to dump into drainage and organic waste is burnt out and radioactive waste is not generated in the campus

Mahatma Gandhi National Council of Rural Education under the Department of Higher Education, Govt. of India has awarded the college with **"MGNCRE-DHE-MHRD-GOI/District Green Chaimpion Award**" under 'One District One Chaimpion'.

File Description	Document
Any other relevant information	View Document
Link for Relevant documents like agreements/MoUs with Government and other approved agencies	View Document
Link for Geotagged photographs of the facilities	View Document

7.1.4 Water conservation facilities available in the Institution:

1. **Rain water harvesting**
2. **Borewell /Open well recharge**
3. **Construction of tanks and bunds**
4. **Waste water recycling**
5. **Maintenance of water bodies and distribution system in the campus**

Response: B. 3 of the above

File Description	Document
Any other relevant information	View Document
Link for any other relevant information	View Document

7.1.5 Green campus initiatives include:

1. **Restricted entry of automobiles**
2. **Use of Bicycles/ Battery powered vehicles**
3. **Pedestrian Friendly pathways**
4. **Ban on use of Plastic**
5. **landscaping with trees and plants**

Response: D. 1 of the above

File Description	Document
Any other relevant documents	View Document
Link for any other relevant information	View Document

7.1.6 Quality audits on environment and energy regularly undertaken by the Institution and any awards received for such green campus initiatives:

1. **Green audit**
2. **Energy audit**
3. **Environment audit**
4. **Clean and green campus recognitions / awards**

5. **Beyond the campus environmental promotion activities**

Response: E. None of the above

File Description	Document
Link for any other relevant information	[View Document](#)

7.1.7 The Institution has disabled-friendly, barrier free environment

1. **Built environment with ramps/lifts for easy access to classrooms.**
2. **Disabled-friendly washrooms**
3. **Signage including tactile path, lights, display boards and signposts**
4. **Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment**
5. **Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**

Response: E. None of the above

File Description	Document
Policy documents and information brochures on the support to be provided	[View Document](#)

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

The College has an inclusive environment with students and teachers from different culture, region, community and socio-economic background. The college encourages the students to organize and participate in different programs to sensitize them towards cultural, regional, linguistic, communal and socio-economic diversities. Some of the programs organized by the college in this connection are enlisted below;

Cultural Diversity programs:

Annual Gathering Function is organized to promote cultural harmony among students and staff. Students perform various traditional/ classical arts like drama, skit, folk dance etc. "Vividh Gundarshan'(Annual Cultural Event) program is conducted in which the Fancy Dress Competition, Rangoli Competition, Regional dance programs, Singing competition are organized for National integration. Dandiya is celebrated in Navratra festival which also shows Cultural diversity.

Regional & Linguistic Diversity programs:

- Vachan Prerna din (Reading Inspiration Day): is celebrated on the Birth anniversary of Dr. APJ

Abdul Kalam.

- The College celebrates Hindi din & Marathi Bhasha Din to impart the importance of language.
- Marathi Bhasha Pandharwada (15 Days Marathi Language Program) is celebrated by the Literary and Cultural Association with the aim of moulding the personality of students and exposing them to wide range of literary and cultural activities and raise awareness about Marathi language.
- Three day workshop on "Fine Arts" in which Poster competition, Rangoli competition, skit on traditional Marathi cultures etc. are conducted by the Literary and Cultural association. The objectives of this workshop are to broaden and enlighten the regional diversity among the students.

Communal and Socio-Economic Diversities:

- Through "Old Age Home Visit", college provides inclusive environment for the students to experience various life lessons for senior citizens of the country. Under the initiatives of NSS camp, students are regularly visiting nearby old age home to interact with the inmates. Students get an exposure to realize the problems faced by elder people and witnessing their love and affection. The aim of this visit is to sensitize the students about various socioeconomics aspects of life.
- The college organizes different Rally's for awareness of AIDS, Cancer, Voter, Swachh Bharat Abhiyan etc., and promotion of vaccination through" Pulse Polio Vaccination" program.
- The College celebrates Sadbhawana Din and Samajik Aaikya Pandharwada (15 days workshop on Social unity), to impart socio unity among them.
- Financial literacy workshops are conducted to aware students about financial management.
- Gandhi Vichar Sanskar Pariksha for promoting the values of nonviolence, truth and inclusiveness
- "Alpsankhyak Hakk Din" (Minority day) is celebrated.
- The international 'Yoga Day' is celebrated on 21st June each year since 2015.
- Recently the College has launched two courses - Yoga for Beginners (Family and Students Module) to promote the physical and mental wellbeing of students, staff and their family members, considering the Covid-19 pandemic.
- Through various activities of NSS, NCC, Sports, Cultural and YKM, the college promotes an inclusive environment wherein the participants of diverse backgrounds learn, work with a team spirit.

File Description	Document
Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	[View Document](#)

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

- The College takes all possible initiatives in organizing various events & programs for molding the students & staff to become responsible citizens of the country by sensitizing them to the constitutional obligations. The college celebrates Sanvidhan Din, Republic day, Independence Day which enlightens the students & staff to remember the struggle of freedom & respect the National

flag & national anthem. The Republic day is celebrated on 26th January which highlights the importance of Indian constitution. The Sanvidhan Din is celebrated on 26th November which enlightens the importance of Indian Constitution.

- The College has conducted voter awareness rally where students were sensitized about their Constitutional powers of voting.
- The college efforts for inculcating values among students are visible from the case studies of students like Miss. Vidhi Palsapure, who has participated at 10th Bharatiya Chhatra Sansad, Vigyan Bhavan, and Goverenment of India. She has represented India at the 'The Asia Youth International Model United Nations' in Malaysia in August 2019 and won the 'Most Outstanding Delegate' award. Apart from this, she has won many awards like Swami Vivekananda National Award, 'Nari Tuje Salaam' National Award, and National Youth Award. Along with this award, he has also fulfilled his duty as a 'Youth Information Envoy' in the Maharashtra government's awareness campaign.
- The students are motivated to take part in blood donation camps, study tours, energy management programs, workshops on Biodiversity in Marathwada & its conservation, to make them understand the importance of protecting the cultural heritage of the country.
- The College conducts the workshops on Intellectual property rights for students & employees.
- To inculcate the values of truth and non violence among students and employees, Gandhi Vichar Sanskar Pariksha is organized in collaboration with Gandhi Research Foundation Jalgoan.
- To spread the financial literacy, the college actively participates in financial literacy awareness programs in collaboration with SEBI & NISM.
- Our college students have taken up many cleanliness drives through Swachh Bharat Abhiyan, inside the campus & nearby village considering its responsibility of every citizens. The students have also taken up plantation drives to provide a clean & green environment for all.
- The College takes initiatives in sensitizing parents/students for vaccination through pulse polio vaccination programs.
- Celebrating National Science day, Health inititivatives such as Aids awareness rally, Entrepreneurship Awareness programs.
- To solve the water crises in Latur the people initiated a movment 'Jalyukt Latur' in which the college contributed Rs.2.54 lakh to rejuvenate the river Manjara.
- During the covid 19 Pandemic, the college has taken various initiatives such as, contribution to 'Maharashtra Chief Minister Relief Fund- Covid19', distribution of food and grocery packages help to needy persons, providing the campus facilities for covid testing, vaccination drive etc. The NSS, NCC students provided their services as volunteers in these initiatives.
- The college promotes students to attend the constitutional leaders address/ discussions such as Pariksha Pe Charcha an interaction of Hon'ble Prime Minister with students.

File Description	Document
Link for details of activities that inculcate values necessary to render students in to responsible citizens	[View Document](#)

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

1. **The Code of Conduct is displayed on the website**
2. **There is a committee to monitor adherence to the Code of Conduct**
3. **Institution organizes professional ethics programmes for students, teachers, administrators and other staff**
4. **Annual awareness programmes on Code of Conduct are organized**

Response: B. 3 of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting number of programmes organized reports on the various programs etc in support of the claims	[View Document](#)

7.1.11 Institution celebrates / organizes national and international commemorative days, events and festivals (within 500 words).

Response:

- The college takes initiatives in honoring the great personalities of Indian history by paying homage on death anniversaries & celebrating birth anniversaries
- National Festivals like Independence Day is celebrated (15th August) to continue the spirit of patriotism among the youth of coming generation & sustain the independence in the minds & souls of Nation Bharat. The College celebrates great Indian leader's birth & death anniversaries. Following events are celebrating every year by the institution.
- Birth Anniversary of Maharaja Maharana Pratap-6th June.
- Rajarshi Shahu Maharaj Birth Anniversary on 26th June is celebrated to convey his message to the modern generation about the equality & equal opportunity to all. He initiated numerous Social reforms with emphasis on education for masses.
- The great Rajmata Jijau the mother of Chhatrapati Shivaji Maharaj Smruti din (Death Anniversary)-17 June. Lokshahir Annabhau Sathe Smruti Din (Death Anniversary)-18 July. Dr. Vasantrao Naik (Birth Anniversary) - 01 July. Lokmanya Bal Gangadhar Tilak Birth Anniversary-23 August. Punyashlok Ahilya devi Holkar(Death Anniversary)-13 August. Independence day-15 August. Krantisinh Nana Patil Jayanti (Birth Anniversary)-03 August.
- The university foundation day is celebrated on 17th September to give the basic ideas behind the foundation of university.
- Dr. Sarvappalli Radhakrishnan Birth anniversary is celebrated on 5th September Teachers Day.
- APJ Abdul Kalam (One of the greatest president of the nation & Missile man) Birth Anniversary is celebrated on 15th September.
- Shri. Lal Bahadur Shashtri and the Father of Nation- Mahatma Gandhiji's Birth Anniversary on 2nd October is an occasion to spread the message to sustainable peace & non-violence among the citizens.
- Indira Gandhi Punyatithi (Death Anniversary) and Sardar Vallabhai Patel (Birth Anniversary) -31 October.
- Pandit Jawaharlala Nehru Birth Anniversary is celebrated on 14th November.
- Celebration of constitution day on 26th November
- The republic day is celebrated on 26th January to transmit the respect towards the great constitution

in the world.

- Savitribai Phule Birth Anniversary is celebrated on 3rd January who was the first lady to start education to the girls in Maharashtra.
- Swami Vivekanand Birth Anniversary is celebrated on 12th January as National Youth Day.
- Chhatrapati Shivaji Maharaj jayanti is celebrated on 19th February to inspire the generation about his brave warriorship & managing the difficult situations of the Maratha during the Mughal's.
- Dr. B. R. Ambedkar Birth Anniversary is celebrated on 14th April who has given the greatest constitution of the world to the Indian Citizens. He fought for the rights of Dalits and also for equality.
- Mahatma Phule Birth Anniversary is celebrated on 11th April who was the anti-caste Social reformer and first person who fought for the women's education in India.
- Maharashtra foundation day is celebrated on 1st May to have a great respect towards the founders & the saints of the land who have shown the path of ultimate truth.

File Description	Document
Link for Geotagged photographs of some of the events	[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:

Best Practices: I

(A) Title of the Practice:

Science for Vision, Inspiration and Prosperity (S-VIP)

Practice:

Science promotion through (S);

1. Vidnyan Manch, (V)

2. INSPIRE Camps (I)

3. Programms of Lecture Workshops, Refresher Courses (P)

(B) Objectives of the Practice:

- District level **"Vigyan Manch camps"** (For school Children):

With a thrust on 'Catch Them Young' for Creating a scientific outlook, To Explain scientific principles through experimentation, To enhance the quality of science education among the students and to prepare them for the National Wisdom Research Examination.

- **Innovation in Science Pursuit for Inspired Research (INSPIRE) (**For XI class students**):**

The basic objective of INSPIRE is to communicate to the youth population of the country the excitements of creative pursuit of science and attract talent to the study of science at an early stage and build the required critical human resource pool for strengthening and expanding the Science & Technology system and R&D base.

- **Lecture Workshops (**for UG & PG students**):**

To help and motivate students to improve their background knowledge in the specialized areas of their respective subjects

- **Refresher Courses (**For Faculties, Research scholars & PG students**):**

To Enable the teachers to keep abreast with the latest developments in their field of specialization and Provide exposure to emerging cross discipline advanced studies for taking up interdisciplinary research

(C) The Context:

- **Vigyan Manch:**

State Institute of Science and Mathematics, Nagpur in collaboration with Maharashtra state government organizes District level Vigyan Munch camps. Since inception from 1969 the college has been chosen to organize the district level camps. Various initiatives are implemented to inculcate the basic scientific concepts in school level students. A seven day residential camp is organized for these students. The camp is guided through experiments and lectures.

- **INSPIRE Science Camps:**

The college in collaboration with Department of Science and Technology (DST), Government of India, organizes five days fully residential internship camps. The INSPIRE Internship camp- in which annually about 50,000 students of top 1% performers in Class X board examinations and pursuing science at higher Secondary level are being given an exposure with leaders in science in the Summer and Winter camps to experience the joy of innovations. Organizing these camps attract the talented students towards the basic courses to increase the research activity of our country.

- **Lecture workshops:**

The lecture workshops are the big opportunity for the UG and PG students to listen the eminent scientists from reputed scientific institutes all over the nation, who explore their knowledge that benefitted the students.

- **Refresher courses:**

The teachers need continuous innovative ways of teaching and to give more to the students always. The college in collaboration with Indian Academy of Sciences organizes refresher courses, for the faculty members and PG students, Ph.D. scholars from all around country to participate, learn and gain new prospectus of learning and to modify current teaching methodology in their respective subjects.

(D) Practice:

- **Vigyan Manch:**

A total of seventy (30 urban & 40 rural) students are selected from the Vigyan Manch pre-examination. The seven-day Vigyan Manch camp runs for eight hours a day as per pre-determine schedule. Three batches (of 30 + 20 + 30) students are allotted for the demonstrations in the subjects of Physics, Chemistry and Biology (Basic sciences). Apart from this, lectures are conducted daily by eminent scientists in various fields, doctors, pediatricians, Ayurveda experts and various activities are conducted like eradication of superstition, Science quiz competitions, educational trips, hand on experience and quizzes to enhance the scientific knowledge of the students. In these camps educational tour including visits to various industrial projects, cancer hospitals etc. are organized.

- **INSPIRE Science Camps:**

Dayanand Science College has the privilege of organizing fully sponsored Five days residential INSPIRE Science Internship Camps for the ten consecutive years since 2010. The students are selected from the vicinity of Latur and nearby districts. Selected candidates for the camp are accommodated in our campus. During last five years 8 camps are organized and 1357 students are benefited by these camps. The camps are meant for science students of class XI. These camps were a golden opportunity for the students to personally interact with various mentors like Indian Academy Fellows, senior scientists, University Professors, Bhatnagar Awardees and Scientists of National and International repute. It include lectures related to scientific success stories and the joys of innovations and lectures of basic sciences across all science stream. In these camps students are motivated by CD shows, round table discussions, experiment sessions, creative poster competitions, Seminars, science quiz, Hands on experience and field visits. The knowledge of different skills are also provided. The participating students are provided free transportation, local hospitality, related study materials, educational and registration kits. A certificate of participation and take-home experiment kit are given to the students at the end of the five-day Science Internship Camp. Scholor students are motivated to do research in future.

- **Lecture workshops-**

Indian Academy of Sciences, Bangalore; Indian National Science Academy, New Delhi; The National Academy of Sciences India, Allahabad in collaboration with Dayanand Science College, Latur organized 3 days Lecture workshops on Physics, Chemistry, Mathematics, Conceptual chemistry workshops for UG & PG students. In these workshops resource persons from IIT's, IISER institutes, National institutes and Universities are invited. More than hundred students from neighborhood colleges in the district and nearby districts are actively participated in each workshop. Due to Covid-19 pandemic, the college organized online Physics workshop in 2019-20.

- **Refresher courses:**

In last five years, four refresher courses of fifteen day duration (two weeks) are organized by the college in

collaboration with Science Academies, India, in the subjects of Chemistry, Mathematics, Botany and Physics. The teachers, Ph.D, research scholars and PG students from all corners of the country participate and get knowledge and skills from eminent scientists like Indian Academy Fellows, Senior scientist, University Professors, Bhatnagar Awardees and Scientists of National and International repute. Various programs are conducted in these refresher courses including lectures and discussions on curriculum; seminars and excursion tour for participants.

(E) Evidence of Success:

During last five years 2340 students benefitted from the Best Practice and the total budget was Rs. **1,22,92,500**/-

Table showing the no. of beneficiaries in various activities in last five years

Name of Program	Academic Year	Budget	No. of beneficiaries
Vigyan Manch	2015-16	45,500	70
	2019-20	35,000	70
INSPIRE	2015-16	26,00,000	501
	2016-17	16,25,000	250
	2017-18	13,00,000	200
	2018-19	13,00,000	205
	2019-20	13,00,000	201
Lecture workshop	2016-17	1,87,750	150
	2017-18	1,79,500	160
	2018-19	3,43,000	300
	2020-21	47,500	103
Refresher courses	2015-16	8,07,000	35
	2017-18	8,68,500	25
	2018-19	8,85,500	35
	2019-20	7,68,250	35
Total		1,22,92,500	2,340

(F) Problems Encountered and Resources Required:-

Problems encountered:

- Initially there were less response of qualified meritorious students for admission to B.Sc./ basic degree courses but due to these programs the number of students enrolling to basic sciences increases.

- Due to Covid-19 pandemic, the above events could not be conducted due to restriction from the government authorities.

Resources required:

- The college aspires to interact with the Nobel laureates, but due to unavailability of national and international air flights in the region, it was not possible.

(G) Notes (Optional): The further details of the best practice are available on the college website

Along with all these programs college also organizes, Science for Vision, Inspiration and Prosperity (S-VIP) Practices

Best Practices: II

(A) Title of the Practice

 "Students Encouragement through Financial Aid" (SEFA)

(B) Objectives of the practice:

- To encourage students to achieve excellence in academic, co-curricular and extra-curricular activities
- To provide financial assistance to meritorious and needy students
- To promote the activities necessary for welfare and overall development of the students

(C) The Context:

1. Awards for meritorious students:

(a) For University merit rankers- Majority of our students from rural background have an unrest desire for higher education and are ready to take many efforts. However they have less confidence and poor/middle level financial background. In order to boost their confidence level and provide some financial assistance, the college frequently arranges the felicitation programs on different occasions, invites their parents and felicitates them with cash prize, medals/mementos/certificates.

(b) For NSS/NCC/Sports/Cultural activities- The College recognizes the talents of students in various co-curricular and extra-curricular activities. The special achievers in NSS/NCC/Sports/Cultural activities are felicitated and awarded with cash prize, medals/mementos/certificates.

(c) For creative writings in *Unmesh-* The students with multilingual abilities and with diverse backgrounds need to be identified, promoted for better prospects.

2. Research fellowships/ Budget for students' research: Research and development is a key area for the

development of society and the nation. The college with 6 PG programs and 4 research programs need to promote students research.

3. Earn and Learn scheme: The poor and needy students require some part time work and financial support which is provided by the earn and learn scheme of the college.

4. Other forms of assistance:

(D) The Practice:

1. Awards for meritorious students:

(a) University merit rankers- Felicitation of meritorious students (Gunvatta Sanman Yojana) is one of the best practices adopted by the college. These students are awarded as per their subject wise merit with the cash prizes from deposit money (interest generated from the money deposited by the Trustee, Alumni, faculty members and parents donors). Every year this program is conducted in Dayanand Sabhgruh by the Dayanand Education Society (DES). List of merit students is displayed & the prizes are distributed in gathering and all donors are invited and true copies of the certificates (certificate Xerox) of merit students are also given to donors.

(b) NSS/NCC/Sports/Cultural activities- Many students participate in various University, State, National level games and achieve success.These students need sports materials like Badminton rackets, cricket bat, sports shoes, balls, ropes, track suits etc. The College promotes these students by giving them incentives in the form of materials so that they can mark their achievement in specific sport competitions.

(c) For creative writings in *Unmesh*- The College publishes annual magazine Unmesh. The College encourages the students to contribute their writings in the form of poetry, essay, social issue, or any other issue they wish to write in any one of the languages (Hindi, Marathi and English). From this literature, The College selects the Best three writings and awards them with the cash prizes. By doing this we try to explore the literature writing skills of students.

2. Research fellowships/ Budget for students' research: The students also excels in the research area especially in the biological sciences at UG and PG levels. The students who have research oriented mind they do extra efforts to clear their biological query which can be solved by doing extra efforts in the laboratory by doing research. These students are taken into consideration for the publication of their research work in the reputed journals and college promotes them by giving them Research fellowship.

3. Earn and Learn scheme: The College runs this scheme for poor/needy students to work part time without disturbing their academics. These students have to work in the Library and in the Maharashtra Pollution Control Board project analysis work. In the library these students have responsibility to maintain peace in the reading hall of the library from 5 pm to 10 pm every day, by this they can do study by doing duty. In the MPCB project students have responsibilities to collect the samples from various regions in Latur, and analyze the data of pollution generated in the city.

4. Other forms of assistance: The College has been working on a special project **"National Ambient Air Quality Monitoring Project"** in collaboration with Maharashtra Pollution Control Board, Mumbai since May 2008. Under this project each year, three PG students of our college are selected as 'Field Assistant' and paid Rs. 8000/- per month.

(E) Evidence of Success:

1. **Awards for meritorious students:**

   1. **University merit rankers-**Under Gunvatta Sanman Yojana and University merit rankers 156 students were awarded with Rs. 152601/-
   2. **NSS/NCC/Sports/Cultural activities-**Under this, 97 students were given Rs. 69,014/-
   3. **For creative writings in *Unmesh-***The 3 creative writers each year were given Rs. 1000/- in 3 years, totaling to Rs. 9,000/-

   1. **Research fellowships/ Budget for students' research:** Three student researchers were given the research assistance of Rs.97,593/-
   2. **Earn and Learn scheme:**Each year 2 students were selected and during five years Rs. 60,100/- were remunerated to them.
   3. **Other forms of assistance:**Three PG students each year were provided with Rs. 8,000/- per months resulting in an annual payment of Rs. 2,88,000/-

Name of activity	Awards for Meritorious students		Research Fellowship/budget for students' Research		Earn and learn Scheme		Other forms of assistance		SEFA	
Year	No of students	Amount	No of students	Amount	No of students	Amount	No of students	Amount	No of students	Amount
2015-16	18	23,759	-	-	2	14,400	3	2,88,000	23	3,26,159
2016-17	46	38,841	-	-	2	10,400	3	2,88,000	51	3,37,241
2017-18	55	30,840	-	-	2	8,500	3	2,88,000	60	3,27,340
2018-19	69	98,345	3	97,593	2	12,800	3	2,88,000	77	4,96,738
2019-20	74	38,800	-	-	2	14,000	3	2,88,000	79	3,40,800
2020-21	-	-	-	-	-	-	3	2,88,000	3	2,88,000
Total	262	230585	3	97593	10	60100	18	1728000	293	21,16,278

(F) Problems Encountered and Resources Required:-

Problems encountered:

Due to Covid19 pandemic, students' physical movements to campus were restricted resulting in disturbance under the scheme. NSS, NCC, Sports, Cultural activities were prohibited due to Covid

protocol.

Resources required:

The college is aided by Maharashtra Government and there are limited resources. The funds under the practice are generated by the college, the DES and the MPCB. The college can expand the reach of the scheme if more budgets are available.

(G) Notes (Optional):-

These types of awards & fellowships create a hope and encourage students to do more and increase their performances in higher and higher levels. This practice builds students confidence, stage courage and ability to achieve more by doing more hard work.

File Description	Document	
Link for Best practices in the Institutional web site	<u>View Document</u>	

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:

Title: Meritorious Dayanand Pattern striving for excellence

The College is the single faculty college in the Marathwada region since 1967, pursing excellence in Science education with several branches. The College not only provides education in basic & applied science but also pays attention to the current innovation approaches towards the higher education vision and mission. It aims to mold & empower students in the pursuit of knowledge, values and social responsibilities & helps them to achieve excellence in various fields, thereby also preparing them to face global challenges.

The Vision of Statement of the college is **"**Let the noble, divine thoughts come to us from all the direction of the *Universe."*

The mission statement of the college is;

- To establish and sustain a Meritorious Dayanand Pattern striving for excellence
- To enlighten students of rural area and empower them to contribute their services for national development

Considering the vision and mission of the college, The college has proved its distinctiveness by successfully establishing and sustaining a Meritorious Dayanand Pattern striving for excellence. The

performance of the college in this regard is portrayed below;

- **Institutional Recognitions-**

As a result of the proven track record of the college, it is recognized by national authorities such as UGC, CPE, DST-FIST, RUSA, NAAC and awarded by the affiliating university.

Sr. No.	Recognitions
1	University Grants Commission (UGC) Act 1956 recognition under section 2(f) & 12 (B) since 1971
2	College with Potential for Excellence (CPE) since 01.04.2016
3	Department of Science and Technology, Government of India, Funds for Improvement of Science & Technology Infrastructure Scheme (DST-FIST) since 15.11.2012
4	Rashtriya Uchchatar Shiksha Abhiyan (RUSA) since 2018
5	NAAC Reaccredited in A grade with CGPA 3.14
6	Swami Ramanand Teerth Marathwada Univerisity, Nanded 1. Permanent Affiliation 2. Best College Award 3. Best Principal Award 4. "O" grade in Academic Audit with 91.5 score out of 100
7	Mahatma Gandhi National Council of Rural Education, Ministry of Education, Govt of India - **"One District One Geen Champion"** Award in 2020-21

- **Collaborations with renowned institutes-**

The College has a number of collaborations for Unique & Distinctive Academic Activities for students, teachers & researchers. The College organized 17 Inspire Internship Science camps of DST for 11th science scholar students since 2014, 4 National level refresher courses since 2016, 5 Lectures workshop since 2016 of Indian Academy of sciences, Bangalore.

The College has a project of Maharashtra Pollution Control Board (MPCB), Govt of Maharashtra for ambient air quality monitoring.

- **Merit tradition-University merits, Merits in co-curricular and extra-curricular activities**

The college has pioneered a university merit pattern in two UG (General and Computer Science) and six PG (Physics, Chemistry, Mathematics, Computer Science, Microbiology and Biotechnology) programs. The college students secure first/second/third positions in university merit rankers every year. During 2016-17 to 2020-21, total 38 students were university toppers.

Apart from the academic merit, the students achieve winners' position in co-curricular and extra-curricular activities at university, state and national level. A student (Miss. Aishwarya Arun Andhare) has been awarded as "Young Researcher of 2019" by Western Sydney University, Australia at the International conference held at Chandigarh, India. The college has motivated her by sanctioning a special research fellowship of Rs. 50,000/-. She has 8 research paper publications and many honorary awards.

A student (Miss. Vidhi Palsapure) has participated at 10th Bhartiya Chatra Sansad, Vigyan Bhavan, and Govt. of India. She has presented many research papers. The college supported her with Rs. 10,000/-research fellowship.

- **Effective Teaching, learning and evaluation-** The College uses various teaching methods, teaching aids and ICT tools for effective education such as smart boards, e-LMS, online softwares etc. The effectiveness is visible in increasing rush for admissions, students' achievements, alumani positions etc.
- **Quality research-INSPIRE faculty, publications, students publications**

The college has university recognized research centers in four subjects (Chemistry, Mathematics, Physics, Microbiology) with 14 research supervisors and 18 research scholars of Ph.D. During the last five years, the faculty members have published 185 research papers.

One of the college faculty members, Dr. M. B. Pandge is an INSPIRE Faculty since 2015. He has been granted with research project of more than 1 crore from ISRO, SERB and DST. He has published 15 research papers in reputed national and international journals with high impact factors.

The college promotes PG students for research. The details are given in the supporting file. During last five years the students have published some research papers and books.

- **Faculty visited abroad:-**

Some faculty members are invited as a speaker in international conferences abroad.

- **Dr Pandage M B:** Osaka (Japan), Singapore, Cambridge University, Paris (France), San Francisco (USA), Gaungdong (China), IUCAA.
- **Dr J S Dargad :** Dubai, UAE
- **Dr. L V Thakare:** Paris, France.
- **Dr V D Mote:** Paris, France.
- **Dr S S Bellale:** USA, Switzerland, Bankong, Malisya, South Koriya
- **Varudkar H A: PhD** Research student at Paris, France.

- **Quality Infrastructure-**

The College campus (4.5 acres) with quality infrastructural facilities, 18 classrooms and 4 seminar halls (16 ICT enabled) 30 well equipped labs, zoology museum, botanical garden, separate library, nonconventional energy sources such as solar panels, sewage treatment plants, fire fighting facility etc. There are some **common facilities** in the campus maintained by Dayanand Education Society such as Dayanand Sabhagruh (Auditorium), separate hostel facility for boys and girls, sports facilities, Parking space, Walking Track, Students Welfare Centre, canteen, ATM and Management Office.

International Cricket Ground (Automatic sprinkler system for lawn and QRC water curing system), One Basketball court with cement concrete surface, two volleyball courts, two Lawn Tennis Clay Courts, one Kho-Kho Court and two Kabaddi courts, Indoor Stadium, Gymnasium for sports are attraction points for the visitors.

- ○ **Quality Human Resource Management (HRM) -**

The stakeholders of the college proud to be associated with the institute. The leadership of the principal recognized by university as the best college and best principal, qualified and experienced faculties, budding researchers, an INSPIRE Faculty etc. point out the distinctiveness of the college.

File Description	Document
Link for appropriate web in the Institutional website	[View Document](#)

5. CONCLUSION

Additional Information :

The management has a vision to develop the college in a specific way. The learning resources, the infrastructure, technology, faculty, academic programmes etc, all aspects of education are taken care of, to achieve the desired objectives. The college performance is evident through the Awards and recognitions received for various academic/social aspects.

- Our parent institute (Dayanand Education Society, Latur) has been awarded with the Shahu-Phule-Ambedkar Award (2012-13) from the Department of Social Welfare, Government of Maharashtra-The organizations working in various fields of social justice for a minimum 15 years in Maharashtra are eligible for the selection process. The nature of the award is Rs.15 lakhs, Memento and silver citation.
- Celebration of Golden Jubilee Year in presence of Hon President of India Shri.Pranab Mukherjee and other dignitaries in 2013-14
- The college has UGC-CPE, DST-FIST, RUSA recognitions, Best College award, Best Principal Award etc.
- "MGNCRE-DHE-MHRD-GOI/District Green Champion Award" under 'One District One Champion'
- Award from Gandhi Research Foundation, Jalgaon for promoting Gandhian philosophy General Championship in University Youth Festival consecutively for 4 years (2016-17 to 2019-20)
- The college is recognised by Microsoft India as "Microsoft Showcase College and Microsoft Innovative College" in 2020-21 for digital technology
- Merit rankers in university exams, Avishkar, research, Sports/Cultural activities, etc.
- In addition to the above achievements, the college is a recognized test centre of state, national online/offline examinations conducted by Tata Consultancy Services (TCS), Government of Maharashtra, National Testing Agency (NTA) etc.
- For optimum utilisation of resources, the infrastructure is made available for some government projects and schemes such as covid vaccination, election trainings, government exams etc.
- In academic year 2021-22, the college started a UG (B.Sc. Biotechnology) and 2 PG (M.Sc. Zoology & M.Sc. Botany) programmes.

Concluding Remarks :

The college has always made efforts to enhance the quality of its programmes through accommodating the views of stakeholders and adopting an inclusive policy. The college has blended effectively the university curriculum and the curriculum of the college in pursuit of its mission of holistic development of the learners.

To mention, a few of them;

- Effective curriculum delivery through a well-planned and documented process, teachers in university BOS, introduction of value added/skill based courses, CBCS system, students' projects, feedback system and ATRs, High demand ratio for programmes/courses, use of student centric methods, effective mentor system, qualified and experienced teachers, reforms in CIE system, The holistic development of students, good College results
- Scholarship-freeship (40.17% beneficiary students), Registered and functional Alumni Association with contribution of Rs. 11.97 Lakhs, Strategic plan and implementation, e-governance, Increasing use of

ICT in education, office automation, library automation Code of conduct for stakeholders, code of conduct for research, anti-plagiarism policy

- 32collabortions for student-teacher exchange, Internship, field work, on-job-training, research etc. and 14 functional MoUs with national institutions.
- Eco-friendly campus with green practices and Good infrastructural facilities
- The IQAC implemented recommendations of NAAC Peer Team Report 2014. Its effectiveness is evident through regular IQAC meetings, AQAR, AAA, Financial and non-financial incentives, research budget, introduction of Value Added Courses, NPTEL local chapter, feedbacks, MRPs, quality enhancement events, the strategic plans for continuing the voyage of educational excellence and building excellent careers.
- Financial audit, Green Audit, Energy Audit, Academic-Administrative Audit for third party assessment
- University recognized research centers in four subjects (Chemistry, Mathematics, Physics, and Microbiology) with 14 research supervisors
- Out of 205 research papers, 138 in UGC approved and SCOPUS journals published by faculty and students
- Science for Vision, Inspiration and Prosperity (S-VIP) is the Best Practice for Science promotion through (S); Vidnyan Manch (V), INSPIRE Camps (I) and Programs of Lecture Workshops, Refresher Courses (P).
- "Students Encouragement through Financial Aid" (SEFA) -Best Practice to provide financial assistance to meritorious and needy students
- The college has proved its distinctiveness by successfully establishing and sustaining a Meritorious Dayanand Pattern striving for excellence. It aims at College of Excellence.

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification
1.2.1	**Percentage of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented** 1.2.1.1. **Number of Programmes in which CBCS / Elective course system implemented.** Answer before DVV Verification : 8 Answer after DVV Verification: 09 Remark : DVV has made the changes as per IIQA.
1.4.1	*Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders* *1) Students* *2)Teachers* *3)Employers* *4)Alumni* Answer before DVV Verification : A. All of the above Answer After DVV Verification: E. None of the above Remark : DVV has not consider provided unsigned feedback report by HEI.
2.1.1	**Average Enrolment percentage (Average of last five years)** 2.1.1.1. **Number of students admitted year-wise during last five years** Answer before DVV Verification: 	2020-21	2019-20	2018-19	2017-18	2016-17
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1516	1310	1366	1335	1140 | Answer After DVV Verification : | 2020-21	2019-20	2018-19	2017-18	2016-17
---	---	---	---	---
1016	1010	1066	1035	1040 | 2.1.1.2. **Number of sanctioned seats year wise during last five years** Answer before DVV Verification: | 2020-21	2019-20	2018-19	2017-18	2016-17
---	---	---	---	---
1660	1631	1621	1621	1404	 Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1660	1631	1621	1621	1404

Remark : DVV has given the input as per provided report by HEI.

2.4.3	**Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)**
	2.4.3.1. **Total experience of full-time teachers** Answer before DVV Verification : 705 Answer after DVV Verification: 267 Remark : DVV has made the changes as per excluded Physical Education Director from full time teachers experience certificate by HEI.
2.6.3	**Average pass percentage of Students during last five years** 2.6.3.1. **Number of final year students who passed the university examination year-wise during the last five years** Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
527	333	209	207	170

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
525	336	211	227	164

2.6.3.2. **Number of final year students who appeared for the university examination year-wise during the last five years**
Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
558	357	421	396	249

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
562	373	421	417	249

Remark : DVV has made the changes as per provided report of final year students who passed / who appeared by HEI.

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

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1	18	7	7	5

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	16	5	5	4

Remark : DVV has excluded Ph.D Course Work from shared report of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship by HEI.

3.4.3	**Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., during the last five years (including Government initiated programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)**

3.4.3.1. Number of extension and outreached Programmes conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
8	31	22	23	27

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
7	23	08	16	06

Remark : DVV has not consider days activities , rally and other through organization by HEI.

3.4.4	**Average percentage of students participating in extension activities at 3.4.3. above during last five years**

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
224	1968	1218	1340	1527

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
200	1400	770	1226	571

Remark : DVV has not consider those students participated in days activities, rally and participated in other organization.

3.5.1	**Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year** 3.5.1.1. **Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years** Answer before DVV Verification: 	2020-21	2019-20	2018-19	2017-18	2016-17
32	25	24	21	15 | Answer After DVV Verification : | 2020-21	2019-20	2018-19	2017-18	2016-17
21	15	19	06	09 | Remark : DVV has made the changes as per provided report by HEI.
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3.5.2	**Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years** 3.5.2.1. **Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years** Answer before DVV Verification: 	2020-21	2019-20	2018-19	2017-18	2016-17
14	13	11	10	7 | Answer After DVV Verification : | 2020-21	2019-20	2018-19	2017-18	2016-17
8	9	8	6	5 | Remark : DVV has excluded repeated MoUs from shared report by HEI.
4.1.4	**Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)**

4.1.4.1. Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
4.00	16.37	15.51	136.64	66.43

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
4.00	16.37	8.56	90.60	52.42

Remark : DVV has excluded Building construction from shared audited statement by HEI.

4.2.4	**Percentage per day usage of library by teachers and students (foot falls and login data for online access) during the last completed academic year** 4.2.4.1. Number of teachers and students using library per day over last one year Answer before DVV Verification : 75 Answer after DVV Verification: 15 Remark : DVV has made the changes as per average of teacher and students using library per day on (dates)

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
0	3	7	4	0

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	2	4	3	0

Remark : DVV has excluded Participation certificates, inter-college certificates from shared report by HEI.

6.3.3	**Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years**

6.3.3.1. **Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff year-wise during the last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
7	12	14	6	5

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
5	10	10	5	3

Remark : DVV has excluded workshop on research methodology and Ph.D. course work from shared report by HEI.

6.5.3	**Quality assurance initiatives of the institution include:** 1. **Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements** 2. **Collaborative quality intitiatives with other institution(s)** 3. **Participation in NIRF** 4. **any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)** Answer before DVV Verification : A. All of the above Answer After DVV Verification: C. 2 of the above Remark : DVV has made the changes as per provided report by HEI.
7.1.2	**The Institution has facilities for alternate sources of energy and energy conservation measures** 1. **Solar energy** 2. **Biogas plant** 3. **Wheeling to the Grid** 4. **Sensor-based energy conservation** 5. **Use of LED bulbs/ power efficient equipment** Answer before DVV Verification : A. 4 or All of the above Answer After DVV Verification: C. 2 of the above Remark : DVV has made the changes as per provided report by HEI.
7.1.4	**Water conservation facilities available in the Institution:** 1. **Rain water harvesting** 2. **Borewell /Open well recharge** 3. **Construction of tanks and bunds**

	4. **Waste water recycling**
	5. **Maintenance of water bodies and distribution system in the campus**
	
	    Answer before DVV Verification : A. Any 4 or all of the above
	    Answer After DVV Verification: B. 3 of the above
	  Remark : DVV has made the changes as per provided report by HEI.

7.1.5	**Green campus initiatives include:**
	
	    1. **Restricted entry of automobiles**
	    2. **Use of Bicycles/ Battery powered vehicles**
	    3. **Pedestrian Friendly pathways**
	    4. **Ban on use of Plastic**
	    5. **landscaping with trees and plants**
	
	    Answer before DVV Verification : Any 4 or All of the above
	    Answer After DVV Verification: D. 1 of the above
	  Remark : DVV has made the changes as per provided report by HEI.

7.1.6	**Quality audits on environment and energy regularly undertaken by the Institution and any awards received for such green campus initiatives:**
	
	    1. **Green audit**
	    2. **Energy audit**
	    3. **Environment audit**
	    4. **Clean and green campus recognitions / awards**
	    5. **Beyond the campus environmental promotion activities**
	
	    Answer before DVV Verification : A. Any 4 or all of the above
	    Answer After DVV Verification: E. None of the above
	  Remark : DVV has not consider provided unsigned report by HEI.

7.1.7	**The Institution has disabled-friendly, barrier free environment**
	
	    1. **Built environment with ramps/lifts for easy access to classrooms.**
	    2. **Disabled-friendly washrooms**
	    3. **Signage including tactile path, lights, display boards and signposts**
	    4. **Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment**
	    5. **Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading**
	
	    Answer before DVV Verification : A. Any 4 or all of the above
	    Answer After DVV Verification: E. None of the above
	  Remark : DVV has not consider provided word sheet report by HEI.

7.1.10	**The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.**

1. **The Code of Conduct is displayed on the website**
2. **There is a committee to monitor adherence to the Code of Conduct**
3. **Institution organizes professional ethics programmes for students, teachers, administrators and other staff**
4. **Annual awareness programmes on Code of Conduct are organized**

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: B. 3 of the above

Remark : DVV has made the changes as per provided report by HEI.

2.Extended Profile Deviations

ID	Extended Questions
1.2	**Number of programs offered year-wise for last five years** Answer before DVV Verification: 	2020-21	2019-20	2018-19	2017-18	2016-17
---	---	---	---	---
12	11	11	11	11 | Answer After DVV Verification: | 2020-21	2019-20	2018-19	2017-18	2016-17
---	---	---	---	---
10	10	10	10	10	
2.1	**Number of full time teachers year-wise during the last five years** Answer before DVV Verification: 	2020-21	2019-20	2018-19	2017-18	2016-17
---	---	---	---	---
57	58	52	50	49 | Answer After DVV Verification: | 2020-21	2019-20	2018-19	2017-18	2016-17
---	---	---	---	---
55	56	50	48	46	