



Dayanand Education Society's
**Dayanand Science College, Latur,
Maharashtra India**



Internal Quality Assurance Cell

IQAC

**Institutional Development Plan
(IDP)**

By

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Principal

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Maharashtra, India.**

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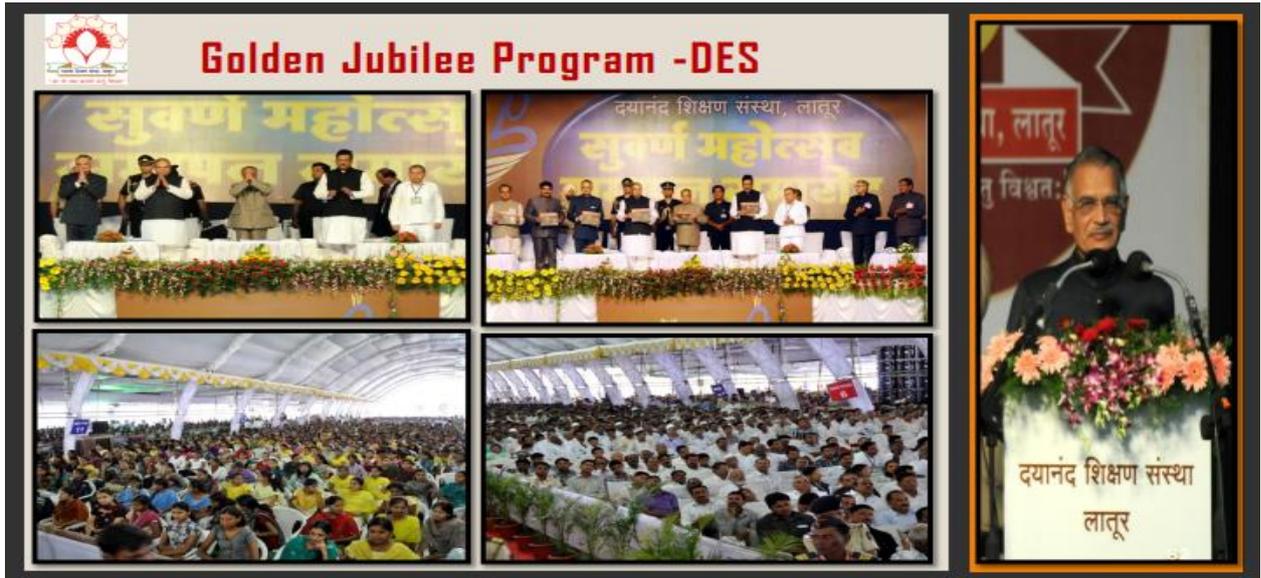
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Background

Dayanand Education society's, Dayanand Science College is keen about the adoption of the "National Education Policy 2020" envision creating an education system that contributes directly to transforming the country, providing high-quality education to all, and making India a global knowledge superpower.

The main objectives are

- ❖ 50% Gross Enrolment Ratio by 2035
- ❖ Holistic and Multidisciplinary Education- Flexibility of Subjects
- ❖ Multiple Entry/Exit
- ❖ UG Programme - 3 or 4 years
- ❖ PG programme - 1 or 2 years
- ❖ Integrated 5-year bachelor's/Master's
- ❖ M Phil to be discontinued
- ❖ Credit Transfer and Academic Bank of Credits
- ❖ HEIs: Research Intensive/ Teaching Intensive Universities and Autonomous Degree- Granting College
- ❖ Model Multidisciplinary Education and Research University (MERU)
- ❖ Use of Technology in:
 - Education Planning, Teaching Learning & Assessment
 - Administration & Management
 - Regulation- Self Disclosure & Minimum Human Interface
 - Increasing Access for Disadvantaged Groups
 - Divyang Friendly Education Software
 - e-Content in Regional Language
 - Virtual Labs
 - National Educational Technology Forum (NETF)
 - Digitally Equipping Teachers and Students

To achieve the objectives, HEIs are expected to develop IDPs to assess:

- Human resources requirements, such as faculty shortages, administrative staff
- the physical infrastructural facilities
- ICT related technology requirements



- Learning infrastructure, such as labs, libraries, etc.
- CPD requirements
- Student Support related areas
- Teaching infrastructure

IDP Expert Committee and NEP 2020 Implementation Committee:

In the meeting of Governing Council and College Development Committee on the dated 05.03.2022 and 09.03.2022 decided to form the IDP expert committee which is based on the formation of the IQAC committee and NEP 2020 Implementation Committee. As like the UGC held four virtual meetings of the IDP Expert Committee.

These Committees are as follows

IDP Expert Committee

Sr. No.	Name	Designation	Committee
1	Shri. Laxmiramanji Lahoti	President, DESL	Member from the Management
2	Shri. Arvindrao Sonwane	Vice-President, DESL	Member from the Management
3	Shri. Rameshji Biyani	Secretary, DESL	Member from the Management
4	Shri. Sureshji Jain	Joint-Secretary, DESL	Member from the Management
5	Dr. J. S. Dargad	Principal DSC, Latur	Chairman
6	Dr. S. S. Bellale	HOD Mathematics	Co-ordinator
7	Dr. L. V. Thakre	HOD Physics	Add. Coordinator
8	Dr. C. S. Swami	HOD Botany	Member from the teachers
9	Dr. R. V. Solunke	HOD Zoology	Member from the teachers
10	Prof. M. M, Pandit	HOD English	Member from the teachers
11	Dr. R. A. More	HOD Microbiology	Member from the teachers
12	Dr. R. B. Shinde	HOD Comp. Science	Member from the teachers
13	Dr. Y. P. Sarnikar	HOD Chemistry	Member from the Alumini
14	Prof. R. H. Ladda	Ex. Principal, DSCL	Nominee from Local Society
15	Prof. M. R. Patil	Ex. Principal, COCSIT	Nominee from Local Society
16	Shri. R. S. Selukar	Office Superintendent	Administrative Officer
17	General Secretary	G. S. Student	Student Nominee

**NEP 2020 Implementation Committee:**

Sr. No.	Committee	Particular
1	Dr. J. S. Dargad	Chairman
2	Dr. Y. P. Sarnikar	Coordinator
3	Dr. S. S. Belalle	Member
4	Dr. S. S. Mahurkar	Member
5	Miss. S. D. Lokhande	Member
6	Dr. N. A. Kedar	Member
7	Dr. R. V. Kirtane	Member

The meetings of IDP expert committee and NEP 2020 implementation committee is conducted on the dates 25.08.2022, 02.09.2022 and 09.12.2022. In this meeting committee decided to make the institutional development plan regarding the implementation of NEP 2020. It is also decided to submit the IDP of Dayanand Science College Latur to the university as per the notification of Vice Chancellor dated 19 Sept. 2022 and p1.01.2022.

Objectives of the IDP

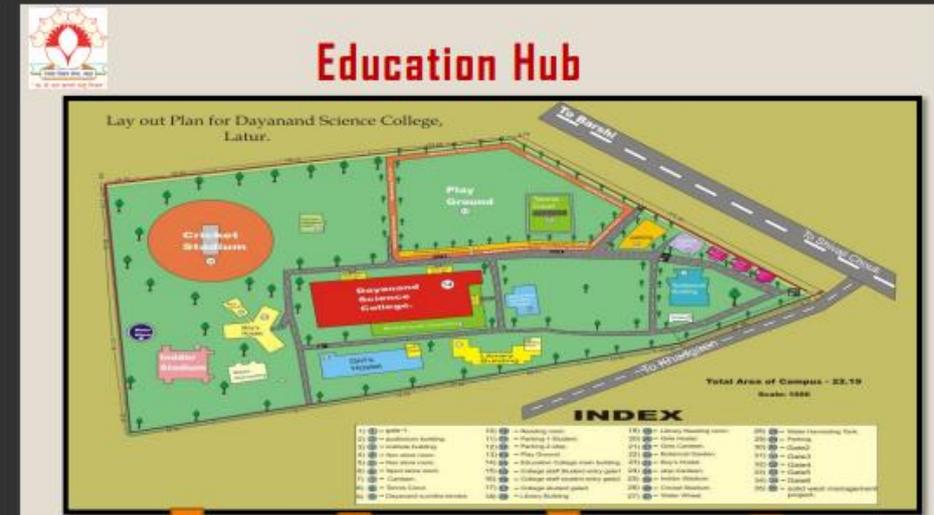
- Clearly define the mission of the institution.
- In light of the mission, carry out a needs assessment based on wide consultations to identify the goals, priorities, and commitments of the institution.
- Quantify the institution's goals using indicators and time-bound targets.
- Based on goals and priorities— identify capacity (human and financial) and organizational gaps and steps to bridge these gaps.
- Develop annual activity plans that result, sequentially, in achieving the institution's goals.



- These activity plans will also serve as a tool for monitoring the implementation of the IDP.
- The IDP will be prepared for five years, and contain a description of measures for sustainably beyond this period.
- The IDP will be a living document, evolving as the strategic planning capacity of the institution increases.
- The indicators and targets, however, will be agreed upon in an MOU between the Department of Higher Education and the institution. These can only be amended with the Department of Higher Education's consent.
- The section titled 'Baseline Data' specifies the sources of data to be used for each table. Data on any variable contained in these tables shall be drawn from the same source when it appears in any other part of the IDP
- Implementation of NEP 2020

IDP Development step

- Identify the Coordinator in charge of developing the IDP and assign responsibilities to other staff.
- Carry out SWOC analysis and needs assessment, documenting the consultations held and the conclusions and recommendations reached.
- Based on the needs assessment, identify the goals, priorities, and commitments of the institution.
- Draft an initial version of the IDP including indicators and time-bound targets.
- Share the initial draft of the IDP for consultations with all stakeholders.
- Finalise the IDP, based on the comments received.
- Identify the activities required to achieve the goals stated in the IDP and incorporate them into annual activity plans.



Education Hub

Lay-out Plan for Dayanand Science College, Latur.

Total Area of Campus - 22.19
Scale: 1:500

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1.01 - Gate 1	1.02 - Gate 2	1.03 - Gate 3	1.04 - Gate 4	1.05 - Gate 5	1.06 - Gate 6	1.07 - Gate 7	1.08 - Gate 8	1.09 - Gate 9	1.10 - Gate 10
1.11 - Gate 11	1.12 - Gate 12	1.13 - Gate 13	1.14 - Gate 14	1.15 - Gate 15	1.16 - Gate 16	1.17 - Gate 17	1.18 - Gate 18	1.19 - Gate 19	1.20 - Gate 20
1.21 - Gate 21	1.22 - Gate 22	1.23 - Gate 23	1.24 - Gate 24	1.25 - Gate 25	1.26 - Gate 26	1.27 - Gate 27	1.28 - Gate 28	1.29 - Gate 30	1.30 - Gate 31
1.31 - Gate 32	1.32 - Gate 33	1.33 - Gate 34	1.34 - Gate 35	1.35 - Gate 36	1.36 - Gate 37	1.37 - Gate 38	1.38 - Gate 39	1.39 - Gate 40	1.40 - Gate 41
1.41 - Gate 42	1.42 - Gate 43	1.43 - Gate 44	1.44 - Gate 45	1.45 - Gate 46	1.46 - Gate 47	1.47 - Gate 48	1.48 - Gate 49	1.49 - Gate 50	1.50 - Gate 51
1.51 - Gate 52	1.52 - Gate 53	1.53 - Gate 54	1.54 - Gate 55	1.55 - Gate 56	1.56 - Gate 57	1.57 - Gate 58	1.58 - Gate 59	1.59 - Gate 60	1.60 - Gate 61
1.61 - Gate 62	1.62 - Gate 63	1.63 - Gate 64	1.64 - Gate 65	1.65 - Gate 66	1.66 - Gate 67	1.67 - Gate 68	1.68 - Gate 69	1.69 - Gate 70	1.70 - Gate 71
1.71 - Gate 72	1.72 - Gate 73	1.73 - Gate 74	1.74 - Gate 75	1.75 - Gate 76	1.76 - Gate 77	1.77 - Gate 78	1.78 - Gate 79	1.79 - Gate 80	1.80 - Gate 81
1.81 - Gate 82	1.82 - Gate 83	1.83 - Gate 84	1.84 - Gate 85	1.85 - Gate 86	1.86 - Gate 87	1.87 - Gate 88	1.88 - Gate 89	1.89 - Gate 90	1.90 - Gate 91
1.91 - Gate 92	1.92 - Gate 93	1.93 - Gate 94	1.94 - Gate 95	1.95 - Gate 96	1.96 - Gate 97	1.97 - Gate 98	1.98 - Gate 99	1.99 - Gate 100	2.00 - Gate 101
2.01 - Gate 102	2.02 - Gate 103	2.03 - Gate 104	2.04 - Gate 105	2.05 - Gate 106	2.06 - Gate 107	2.07 - Gate 108	2.08 - Gate 109	2.09 - Gate 110	2.10 - Gate 111
2.11 - Gate 112	2.12 - Gate 113	2.13 - Gate 114	2.14 - Gate 115	2.15 - Gate 116	2.16 - Gate 117	2.17 - Gate 118	2.18 - Gate 119	2.19 - Gate 120	2.20 - Gate 121
2.21 - Gate 122	2.22 - Gate 123	2.23 - Gate 124	2.24 - Gate 125	2.25 - Gate 126	2.26 - Gate 127	2.27 - Gate 128	2.28 - Gate 129	2.29 - Gate 130	2.30 - Gate 131
2.31 - Gate 132	2.32 - Gate 133	2.33 - Gate 134	2.34 - Gate 135	2.35 - Gate 136	2.36 - Gate 137	2.37 - Gate 138	2.38 - Gate 139	2.39 - Gate 140	2.40 - Gate 141
2.41 - Gate 142	2.42 - Gate 143	2.43 - Gate 144	2.44 - Gate 145	2.45 - Gate 146	2.46 - Gate 147	2.47 - Gate 148	2.48 - Gate 149	2.49 - Gate 150	2.50 - Gate 151
2.51 - Gate 152	2.52 - Gate 153	2.53 - Gate 154	2.54 - Gate 155	2.55 - Gate 156	2.56 - Gate 157	2.57 - Gate 158	2.58 - Gate 159	2.59 - Gate 160	2.60 - Gate 161
2.61 - Gate 162	2.62 - Gate 163	2.63 - Gate 164	2.64 - Gate 165	2.65 - Gate 166	2.66 - Gate 167	2.67 - Gate 168	2.68 - Gate 169	2.69 - Gate 170	2.70 - Gate 171
2.71 - Gate 172	2.72 - Gate 173	2.73 - Gate 174	2.74 - Gate 175	2.75 - Gate 176	2.76 - Gate 177	2.77 - Gate 178	2.78 - Gate 179	2.79 - Gate 180	2.80 - Gate 181
2.81 - Gate 182	2.82 - Gate 183	2.83 - Gate 184	2.84 - Gate 185	2.85 - Gate 186	2.86 - Gate 187	2.87 - Gate 188	2.88 - Gate 189	2.89 - Gate 190	2.90 - Gate 191
2.91 - Gate 192	2.92 - Gate 193	2.93 - Gate 194	2.94 - Gate 195	2.95 - Gate 196	2.96 - Gate 197	2.97 - Gate 198	2.98 - Gate 199	2.99 - Gate 200	3.00 - Gate 201

5 Reputed Colleges

18000 Students

22 acers Land

Green Campus



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.

Quality Perspective

“Quality is Never an Accident;
it is Always the Result of High Intention,
Sincere Efforts, Intelligent Direction and
Skillful Execution”



2. VISION & MISSION:

Vision:

- 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

Mission statement :

आ नो भद्राः क्रतवो यन्तु विश्वत् अदब्धासो अपरीतास उद्भिदः ।
देवा नो यथा सदमिद्वृधे असन्न प्रायुवो रक्षितारो दिवे-दिवे ॥ 1.89.1 ॥
ā no bhadraḥ kratavo kṣyantū viśvato adabdhāso aparītāsa udbhidāḥ ।
devā no yathā sadamid vṛdhe asanaprāyuvō rakṣitāro dive-dive ॥ 1 ॥

Mening “Let all the noble, divine thoughts come to us from all directions of the universe”

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.





Milestones of the College:

- The Status of “College with Potential for Excellence - CPE ”
- NAAC Accreditation 3rd Cycle: “A+” Grade with CGPA 3.40
- DST-FIST Sponsored College.
- Best College Award (Urban) by SRTMU, Nanded.
- Best Principal Award by SRTMU, Nanded
- Maharashtra Govt.’s “Shahu - Phule - Ambedkar” Award.
- DST-INSPIRE Faculty Award : All India Rank II
- RUSA Infrastructure Grant of Rs. 2 cr. (Only One College in SRTMU, Nanded)
- International standered Indoor Stadium & Cricket Ground
- University Prize for Unmesh Magazine 2019-20
- “Microsoft’s Showcase and Innovative College” by Microsoft India (2020)
- “Clean & Green Campus” Award by Latur Municipal Corporation (2020)
- “One District One Green Champion” Award By MGNCRE (2021) under MHRD
- 16th State Level Award for Excellence in Energy Conservation and Management 1st Prize
- National level award for scientific calendar 2022 by MSI 3 prize
- Best college award of career katta by MITSC.
- National level award for Scientific Calendar 2023 by MSI 1 prize
- National Energy Conservation Award 1 prize -2022
- 17th State Level Award for Excellence in Energy Conservation and Management
- University 2 Prize for Unmesh Magazine 2021-22
- 22 Acres Closed Green Campus.
- International Collaboration with Research Laboratories.
- National and International MOU’s
- Wi-Fi Campus.
- Digital Classrooms and Laboratories.
- Employability Skills and Innovative Courses.

- Highly Qualified Teaching Faculty.
- University Meritorious Record.
- Overseas Linkages in Research



About Institution:

Dayanand Education Society is one of the oldest educational Institution which was established in 1961. The motto of institute is “ आ नो भद्राः क्रतवो यन्तु विश्वत् ” Let the noble thoughts come to us from all the directions of the universe. In the campus of Dayanand Education Institute there are six different Colleges imparting education from Junior to Senior College level to 15,000 students. In this Institute, about 800 teaching and non-teaching staff who constantly strive hard to achieve the mission and goals of the Society. The modest beginning was the foundation of Dayanand College of Arts, Science and Commerce in the year 1961. In 1964, the inclusion of (late) Shri. Manikraoji Sonwane and (late) Shri Raja Narayanlalji Lahoti in the Governing Board of the Society in 1964 gave tremendous impetus for the development of the Society. The institution has now made such a rapid progress with the establishment of three separate single faculty colleges run by the Society. The institution has bagged many State and National awards. The Institution celebrated Golden Jubilee and organized different



programmes. His Excellency Hon. Pranab Mukherjee, the President of India, solicited his presence at the closing ceremony of the programme. The institute has gone far ahead, yet it aspires to further in each and every academic year. Recently the institution received National Energy Conservation 1st Prize Award 2022 by auspicious hands of **Hon. President of India Smt. Draupadi Murmu.**

About The College :

Dayanand Science College, Latur, is unique, first oldest and the finest single faculty college in the region of Marathwada, pursuing excellence in science education with several branches. Dayanand Science College became independent in 1967. The College not only provides education in basic and applied subjects, but also pays attention to the current innovative approaches towards the higher education. The college has 13 subject combinations for UG programs, 07 PG programs, 05 Research centers and 04 COP Programs. The Research centers have collaboration with the research centers and scientists of the various countries, such as USA, Korea, Switzerland, Poland, Greece, Malaysia, Romania, Oman, Thailand and Singapore etc. Due to the quality education, the college received different National and International awards and schemes. In the year 2012, our institution received Shahu Phule-Ambedkar Award by Maharashtra State Government. In 2013, the college received DST-FIST recognition. In the year 2014, College had been awarded "A" grade in NAAC Accreditation 2 cycle with CGPA 3.14 out of 4.00. In the year 2015, College received Best College (Urban) Award from SRTM University, Nanded. In the year 2016, College has been awarded "College with Potential for Excellence Award (CPE)" by UGC and able to receive grant of Rs. 5 Crores in three phases. Our Principal Dr. J.S. Dargad has been recently awarded by "Best Principal Award" by SRTM University, Nanded. The college is well known about the development of "Latur pattern of Education" in the state of Maharashtra for the meritorious pattern. In last five years college organized 17 INSPIRE Camps and 5 refresher courses under the co-ordinatorship of Former Principal R.H. Ladda. Our College organized 5 International, 54 National, 112 State / Regional conferences and workshops.

**4. INSTITUTIONAL BASIC INFORMATION**

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

Contacts for Communication					
Designation	Name	Telephone with STD	Mobile	Fax	Email
Principal	Jaiprakash Shivra	02382-221149	9403970550	02382-221149	daya_scin1@rediff
IQAC / CIQA coordinator	Siddheshwar Sanorama	-	9405417417	-	sidhesh.h.bellale@σ

Status of the Institution	
Institution Status	Grant-in-aid

Type of Institution	
By Gender	Co-education
By Shift	Regular



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
Maharashtra	Swami Ramanand Teerth Marathwada University
Details of UGC recognition	
Under Section	Date
2f of UGC	03-05-2008
12B of UGC	03-05-2008
Recognitions	
Is the College recognized by UGC as a College with Potential for	Yes
If yes, date of recognition?	01-04-2016
Is the College recognized for its performance by any other	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	Built up
Main campus	Dayanand Science College, Barshi	Urban	4.5	7412.6



5. ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current						
Progra mme Level	Name of Pr ogramme/C ourse	Dura tion in M onths	Entry Qualific atio n	Mediu m of Instruct	Sancti oned Stren gth	No. of Stu dents
UG	BSc,Computer Science	36	HSC	English	256	177
UG	BSc,Botany Zoo And Fish Chemistry Physics Maths Industrial Chemistry	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,Microbi ology And B	24	B.Sc.	English	66	58
PG	MSc,Microbi ology And B	24	B.Sc.	English	72	72
PG	MSc,Computer Science	24	B.Sc.	English	66	47
PG	MSc,Mathe matics	24	B.Sc.	English	160	144
Do ctor	PhD or DPhi l,Chemistry	72	M.Sc. PET	English	12	6
Do ctor	PhD or DPhil,Physic s	72	M.Sc. PET	English	14	7
Do ctor	PhD or DPhi l,Microbiolo gy	72	M.Sc. PET	English	8	0
Do ctor	PhD or DPhi l,Mathematic s	72	M.Sc. PET	English	6	5



Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Mal	Fema	Other	Tot	Mal	Fema	Other	Tot	Mal	Fe	Others	
Sanctioned by the UGC	3				3				36			
Recruited	3	0	0	3	3	0	0	3	15	6	0	2
Yet to	0				0				15			
Sanctioned by the Management/Society	0				0				30			
Recruited	0	0	0	0	0	0	0	0	11	19	0	3
Yet to	0				0				0			

Non-Teaching Staff						
	Male		Female		Others	Total
Sanctioned by the UGC						62
Recruited	56		6		0	62
Yet to Recruit						0
Sanctioned by the Management						24
Recruited	19		5		0	24
Yet to Recruit						0

**Qualification Details of the Teaching Staff**

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Othe	Mal	Femal	Othe	Mal	Femal	Othe	
D.sc/D.Litt/ I.L.D/DM	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
UG	0	0	0	0	0	0	0	0	0	0

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

2022-23	2021-22	2020-21	2019-20	2018-19	2017-18	2016-17
480	480	428	430	422	420	391

Number of programs offered year-wise for last five years

2022-23	2021-22	2020-21	2019-20	2018-19	2017-18	2016-17
12	12	10	10	10	10	10

Number of students year-wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19	2017-18	2016-17
1356	1529	1516	1310	1366	1335	1140

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

2022-23	2021-22	2020-21	2019-20	2018-19	2017-18	2016-17
68	68	63	61	57	56	56

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
- 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 every year
- Regular organisation of entrepreneurship development camps and skill development programmes

Institutional Weakness

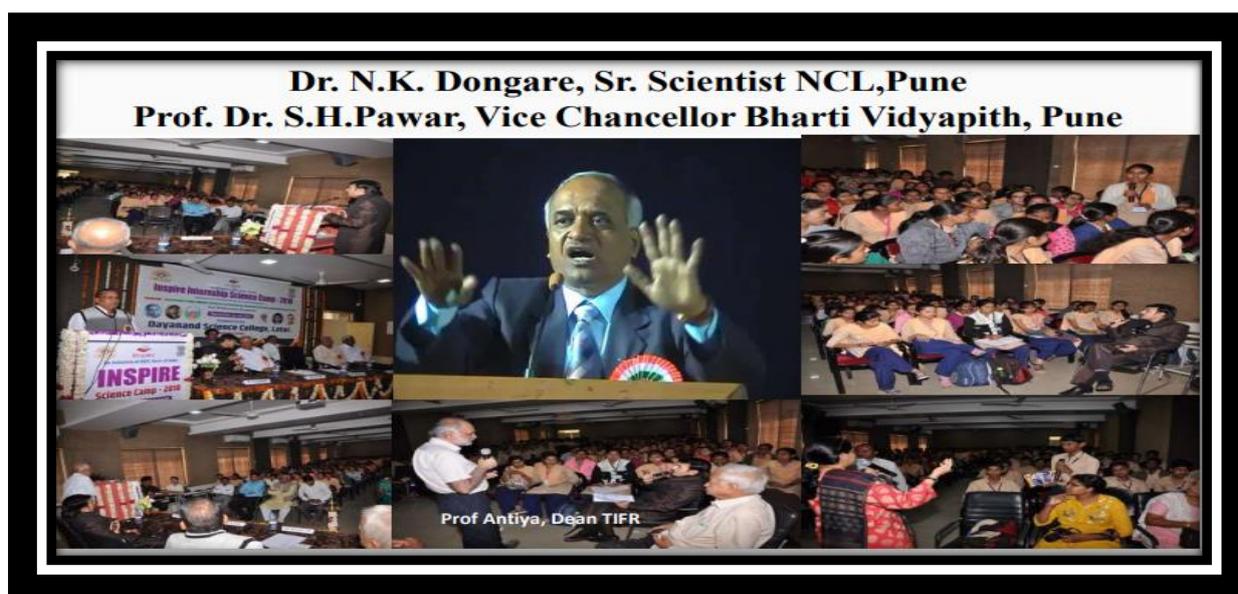
- Socially and financially deprived background of the students Restrictions in appointing permanent staff due to Government policies Only 75 to 80% students regularly attend the lectures
- Limitation for placements due to geographical location and less salary offered by the companies Majority of the 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 Interdisciplinary research Incubation centre
- Recruitment of more permanent 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 counselling centre to cater to the emotional and psychological needs of students Enhancing the placement cell activities for recruitment in corporates.





6. INSTITUTION 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, Zybros 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



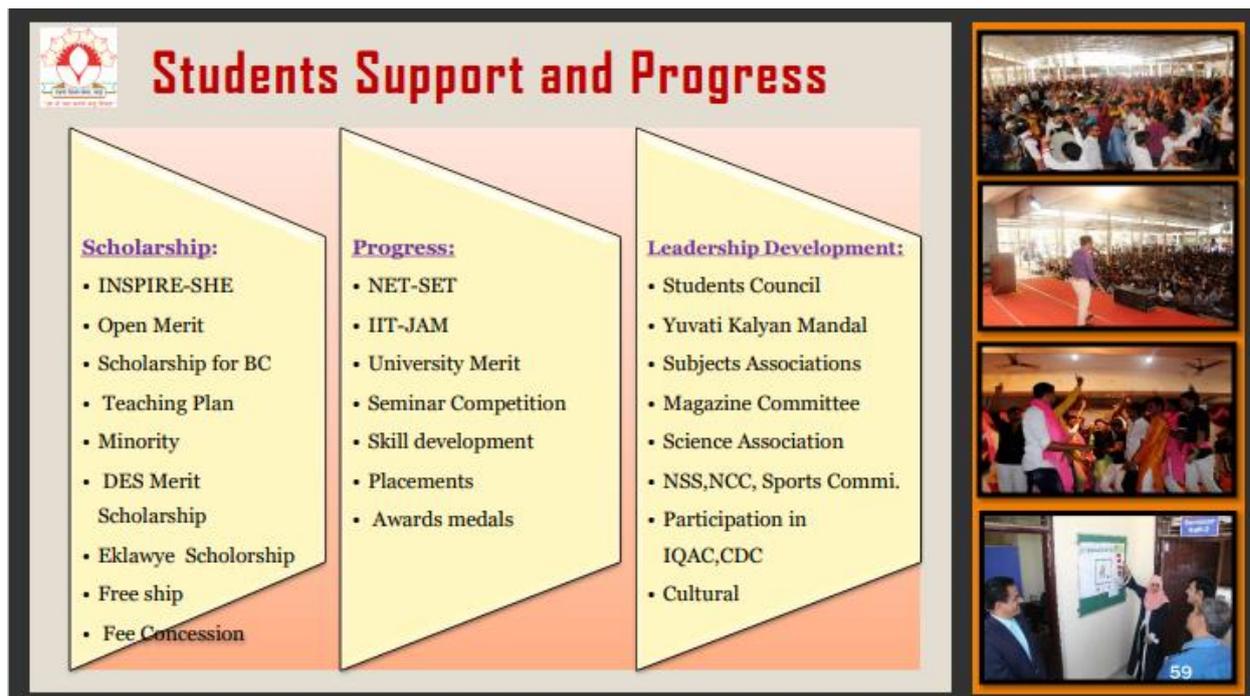
- During the last five years 185 research papers in UGC approved and SCOPUS journals have been published by faculty and students.
- In INSPIRE camps and Vidnyan Manch, eminent scientists from national and international institutes are invited to motivate students for research.
- Continuous air monitoring 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.



The infographic is titled "Students Support and Progress" and is divided into three main sections: Scholarship, Progress, and Leadership Development. Each section lists various initiatives and activities. To the right of the infographic are four small photographs showing students participating in various activities, including a large assembly, a stage performance, a group discussion, and a presentation.

Scholarship:	Progress:	Leadership Development:
<ul style="list-style-type: none">• INSPIRE-SHE• Open Merit• Scholarship for BC• Teaching Plan• Minority• DES Merit Scholarship• Eklawye Scholarship• Free ship• Fee Concession	<ul style="list-style-type: none">• NET-SET• IIT-JAM• University Merit• Seminar Competition• Skill development• Placements• Awards medals	<ul style="list-style-type: none">• Students Council• Yuvati Kalyan Mandal• Subjects Associations• Magazine Committee• Science Association• NSS,NCC, Sports Commi.• Participation in IQAC,CDC• Cultural

7. 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 Municipal 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.

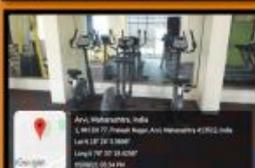


Physical Facilities

The Institution has adequate infrastructure, physical, sports facilities for teaching-learning. It is continuously growing up as per increment in students enrolments.

<p>College Campus:</p> <ul style="list-style-type: none"> 22 acres land in DES Administrative offices 5 Portfolio offices- 9 Seminar Halls-6 Smart Classroom-14 ICT Labs-30 Museum-2 Botanical Garden-1 Solar panels -27 	<p>Sports Facilities:</p> <ul style="list-style-type: none"> Cricket ground-2 Indoor Stadium Gymnasium Cultural Hall Open Auditorium-2 Dayanad Sabhagrah Roller Machines Sports Display Boards 	<p>Library Resources:</p> <ul style="list-style-type: none"> SOUL OPAC Catalogue Module Circulation Module e-DSCL E-shelf E-Resources-4 1 KV power inverter
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Facilities (Lab/Library/Hostel)

Physical Facilities :

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

Sr. No.	Ground Floor	Size (meters)
1	Auditorium - 1200 seats	120 x 50
2	Administrative Office	20 X 30
3	Principal's Office	10 X 15
4	Meeting Room/Video Conferencing Hall	10 X 15
5	Vice- Principal's Office	8 X 15
6	Internal Quality Assurance Cell (IQAC)	8 X 15
7	Public Relation Officer (PRO)	8 X 15
8	Women Cell/ICC	8 X 15
9	Anti-Ragging Committee	8 X 15
10	Grivance Redressal Cell	8 X 15
11	Placement Cell	8 X 15
12	Students Development Cell	8 X 15
13	SC/ST/NT/Minority Cell	8 X 15
14	Main Stage	20 X 8
15	Record Room	16 X 15
16	Ladies Room	16 X 15
17	Store Room (Sports)	16 X 15
18	Lavatory(Gents) - 5	5 X 15
19	Lift - 1	
20	Reception	20 X 30



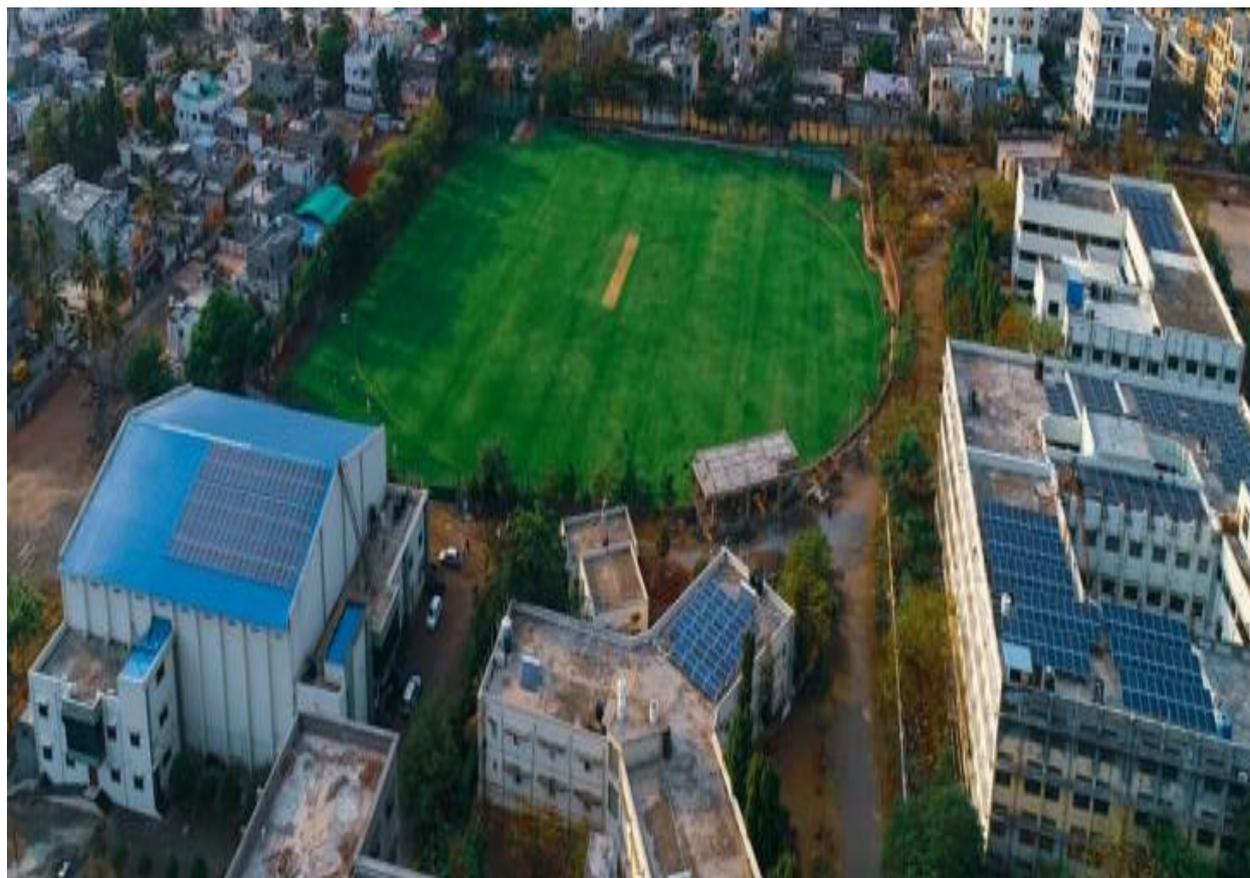
21	Lavatory (Gents) - 1	5 X 15
22	Lavatory (Ladies) - 1	5 X 15
23	Ladies Staff Comfort Room	20 X 30
24	Department of Chemistry - 8 ROOMS	10 X 15 EACH
25	Research Lab (Instrumentation)	10 X 15
26	Physical Chemistry Lab (UG)	10 X 15
27	Organic Chemistry Lab (UG)	10 X 15
28	Physical Chemistry Lab(PG)	10 X 15
29	Store Room	5 X 8
30	Organic Chemistry Lab (PG)	10 X 15
31	Department of Inorganic Chemistry	8 X 15
32	Industrial Chemistry Lab	10 X 15
33	MPCB Lab	10 X 15
34	Inorganic Chemistry Lab	10 X 15
35	Stage (In front of Dept. of Chem. & Indu. Chem.)	20 X 30
Sr. No.	First Floor	
1	Lavatory (Gents)	5 X 15
2	Lavatory (Ladies)	5 X 15
3	Thin Film & Material Sci. Research Lab	10 x 15
4	Physics Lab (UG)	10 x 15
5	Electronics Lab (UG-I & II)	10 x 15
6	Non Teaching Staff Room & Store Room	8 X 15
7	Dept. of Physics & Electronics	8 X 15
8	Seminar Hall(Comp Science)	10 x 15
9	Computer Lab (UG-I)	10 x 15
10	Computer Lab (UG-II)	10 x 15
11	Computer Lab (PG)	10 x 15
12	Department of Computer Science	8 X 15
13	Zoology Lab I	20 x 15
14	Fishery Lab	20 x 15
15	Museum	20 x 15
16	Display Museum	20 x 15
17	Department of Zoology & Fishery Science	20 x 15
18	Non Teaching Staff Room	8 X 15
Sr. No.	Second Floor- Details of Physical Facilities	
1	Lavatory (Gents)	5 X 15
2	Lavatory (Ladies)	5 X 15
3	Exam Department	8 X 15



4	Sports Deapartment	8 X 15
5	Non Teaching Staff Room	8 X 15
6	Hall No. 2 - ICTClassroom	10 x 15
7	Hall No. 3 - ICT Classroom	10 x 15
8	Hall No. 4 - ICT Classroom	10 x 15
9	Hall No. 5 - Smart Classroom	10 x 15
10	Hall No. 6 - Smart Classroom	10 x 15
11	Hall No. 7	10 x 15
12	Hall No. 8-Store Room (NSS & NCC)	8 X 15
13	NCC Office	8 X 15
14	Department of Languages	8 X 15
15	Hall No. 9 (ICT Classroom)	10 X 15
16	Toilet (Boys)	5 X 15
17	M Sc Gen. Phy. & Microwave Lab	10 X 15
18	M. Sc. Digital Classroom	10 X 15
Sr. No.	Third Floor - Physical facilities details	
1	Dept.of Astrophysics & Research Lab	8 X 15
2	Instrument Room	8 X 15
3	Store Room	8 X 15
4	Non Teaching Staff Room	8 X 15
5	Dept. of Micro. & Biotechnology	8 X 15
6	Bioinformatics Lab	10 X 15
7	M. Sc. Micro. Lab I	10 X 15
8	M. Sc. Micro. Lab II	10 X 15
9	Microbioilogy Lab (UG)	10 X 15
10	Biotechnology Lab	10 X 15
11	Tissue Culture Lab	8 X 15
12	Research Lab (Microbiology)	10 X 15
13	Seminar Hall (Microbiology)	10 X 15
14	Seminar Hall(Biotechnology)	10 X 15
15	Staff Room (Biotechnology)	8 X 15
16	Hall No. 17 - Smart Classroom	10 X 15
17	Hall No. 16 - ICT Classroom	10 X 15
18	Hall No. 15 - ICT Classroom	10 X 15
19	Hall No. 14 - Smart Classroom	10 X 15
20	Hall No.13 - ICT Classroom	10 X 15
21	Hall No 12 - ICT Classroom	10 X 15
22	MATLAB	20 X 15



23	Department of Mathematics	8 X 15
24	Zoology Lab	10 X 15
25	Botany Lab	20 X 30
26	Botany Lab	20 X 30
27	Non Teaching Staff Room	8 X 15
28	Department of Botany	8 X 15
29	Toilet (Girls) - 10	
30	Hall No. 18	10 X 15
31	Hall NO. 19	10 X 15
32	Hall No. 20	10 X 15
33	Hall No. 21	10 X 15
34	C-CAP/DCAP	20 X 15
35	Conference Hall - 200 Seats	20 x 15
Sr.No.	Fourth Floor - Physical facilities details	
1	Cultural Hall /Recreation Hall	30 X 40





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.

List of Sport Facilities		
Sr. No.	Perticular	Size (meter)
1	Cricket Ground No. 1 (Cricket)	130 X 130
2	Ground No. 2 (Cricket)	100 X 100
3	Badminton hall (4 Courts)	30×30
4	Basketball (1 Court)	35 × 22
5	Chess hall	6×9
6	Gymkhana	9×30
7	Kho-Kho (1 Court)	30×20
8	Kabaddi (2 Courts)	32×28
9	Lawn tennis (2 Courts)	37×40
10	Multipurpose ground	100×100
11	Table Tennis hall	6×9
12	Volleyball court (2 Courts)	44×22
13	Weight lifting hall	7×14
14	Indoor Stadium (1500 Seats)	100 X 150
15	Gymnasium - 2 (Gents and Girls)	20 X 30
16	Open Auditorium 1 (Main Stage	30 x 30
17	Open Auditorium 2	15 x 20
18	Cultural Hall	15 x 20
19	Dayanand Sabhagruh - (1200 Seats)	80 x 100
20	Cricket Ground Pavilion	20 x 30

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 899 Sq. 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.





Library Facilities :

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 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.

List of Library physical facilities

Sr. No.	Ground Floor	Size (sqm)
1	Reading Room(PG)	30 X 50
2	e-Resource Center	5 X 10
3	OPAC	5 X 10
4	Librarian Cabin	5 X 10
5	Circulation Section	5 X 10
6	Book Stock Hall - 3	30 X 20
7	Stock Room	20 X 30
8	Faculty Reading Room	20 X 30
Sr. No.	First Floor	
1	Conference Hall	40 X 60
2	Lavatory (Gents) - 5	
3	Lavatory (Ladies) - 5	
4	Research Scholar Center	5 X 10
5	Language Lab	30 X 20
Sr. No.	Second Floor	
1	Reading Room (Girls UG)	30 X 50
2	Difficulty Solving Center	10 X 10
Sr. No.	Third Floor	
1	Reading Room (Boys UG)	30 X 50
2	Difficulty Solving Center	10 X 10



IT Facilities:

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 with 10 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 Zybros 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 Science 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.

Sr. No	FLOOR No	Hall No Class Room/ Seminar Hall	Smart board in class room Yes/ No	Wifi/ Lan facility available Yes/ No	Size
1	1 st	ICT Enabled Seminar Hall (Computer Science)	yes	Yes	20 X 15 sqm
2	2 nd	Hall No. 2	Yes	Yes	
3	2 nd	ICT Enabled Class (Hall No. 3)	-	Yes	10 X 15 sqm
4	2 nd	ICT Enabled Class (Hall No. 4)	Yes	Yes	10 X 15 sqm
5	2 nd	ICT Enabled Class (Hall No. 5)	yes	Yes	10 X 15 sqm
6	2 nd	ICT Enabled Class (Hall No. 6)	yes	Yes	10 X 15 sqm
7	2 nd	ICT Enabled Class Hall No. 7	Yes	Yes	10 X 15 sqm
8	2 nd	ICT Enabled Class (Hall No. 9)	Yes	Yes	10 X 15 sqm
9	2nd	ICT Enabled Class (Physics-PG)	Yes	Yes	10 X 15 sqm
10	3rd	ICT Enabled Seminar Hall		Yes	20 X 15 sqm
11	3 rd	Hall No. 12	Yes	Yes	10 X 15 sqm
12	3 rd	Hall No. 13	Yes	Yes	10 X 15 sqm
13	3 rd	ICT Enabled Class (Hall No. 14)	yes	Yes	10 X 15 sqm
14	3 rd	ICT Enabled Class (Hall No. 15)	-	Yes	10 X 15 sqm



15	3 rd	ICT Enabled Class (Hall No. 16)	-	Yes	10 X 15 sqm
16	3 rd	ICT Enabled Class (Hall No. 17)	yes	Yes	10 X 15 sqm
17	3 rd	ICT Enabled Seminar Hall (Microbiology)	yes	Yes	20 X 15 sqm
18	3 rd	ICT Enabled Seminar Hall (Biotechnology)	Yes	Yes	20 X 15 sqm
19	3 rd	ICT Enabled Seminar Hall (Mathematics)	yes	Yes	20 X 15 sqm
20	4th	Newly Constructed Classroom PG	Yes	Yes	10 X 15 sqm
21	4th	Newly Constructed Classroom PG	Yes	Yes	10 X 15 sqm
22	4th	Newly Constructed Classroom PG	Yes	Yes	10 X 15 sqm
23	4th	Newly Constructed Classroom PG	Yes	Yes	10 X 12 sqm

Maintenance of Campus Infrastructure

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

2022-23	2021-22	2020-21	2019-20	2018-19	2017-18	2016-17
53.18	60.43	46.36	88.24	80.89	63.06	68.99

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.





9. NEED ASSESSMENT:

Curricular Planning and Implementation

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

Process:

- 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, ICT 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.



Curriculum Enrichment

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



9 ACEDMIC ADMINISTRATION:

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:

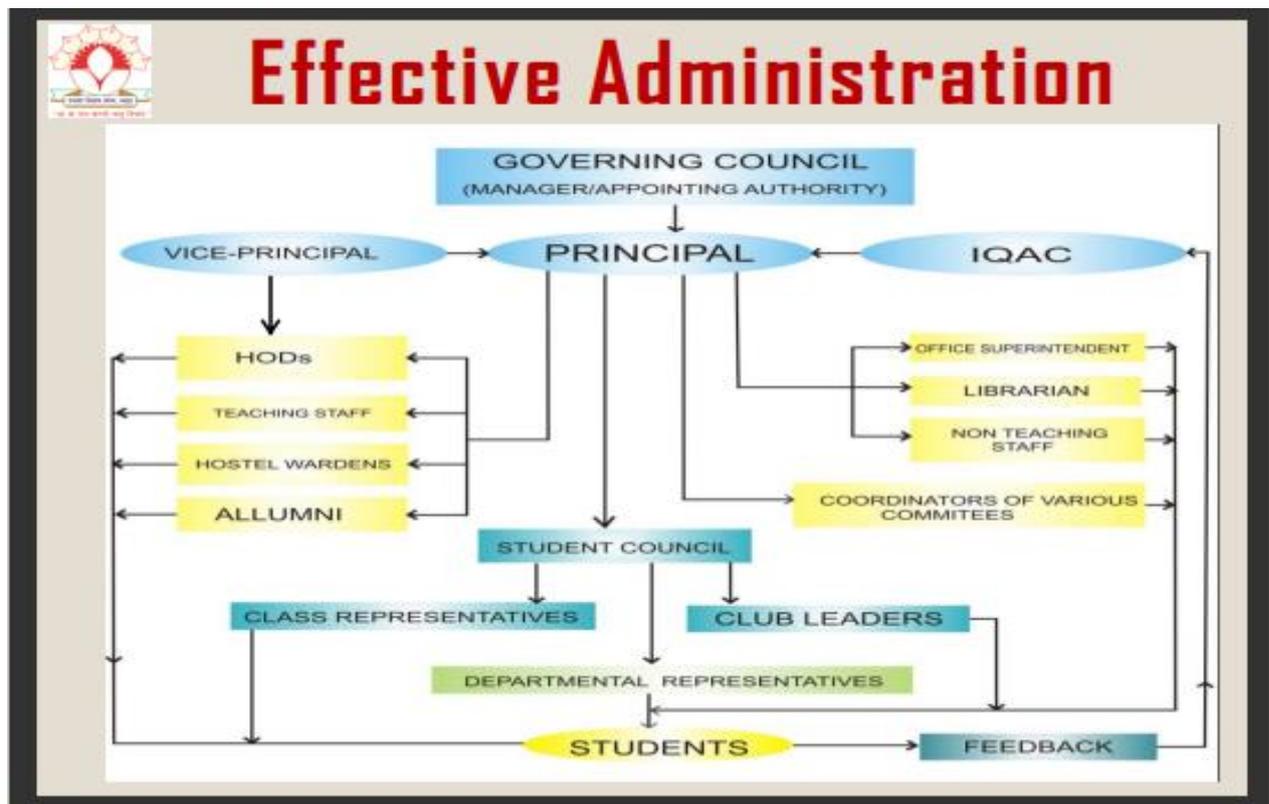
The DES provides autonomy to the Principal of the college. The Principal as the head of college assumes “first among equals” and works on the principles of delegation and decentralization of responsibilities. The Principal delegates some authority to the vice principal, IQAC coordinator and HoDs. The 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.



10. THE EFFECTIVE LEADERSHIP:

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.



Administrative Setup:

- 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.



- 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.

Institutional strategies for mobilisation of funds

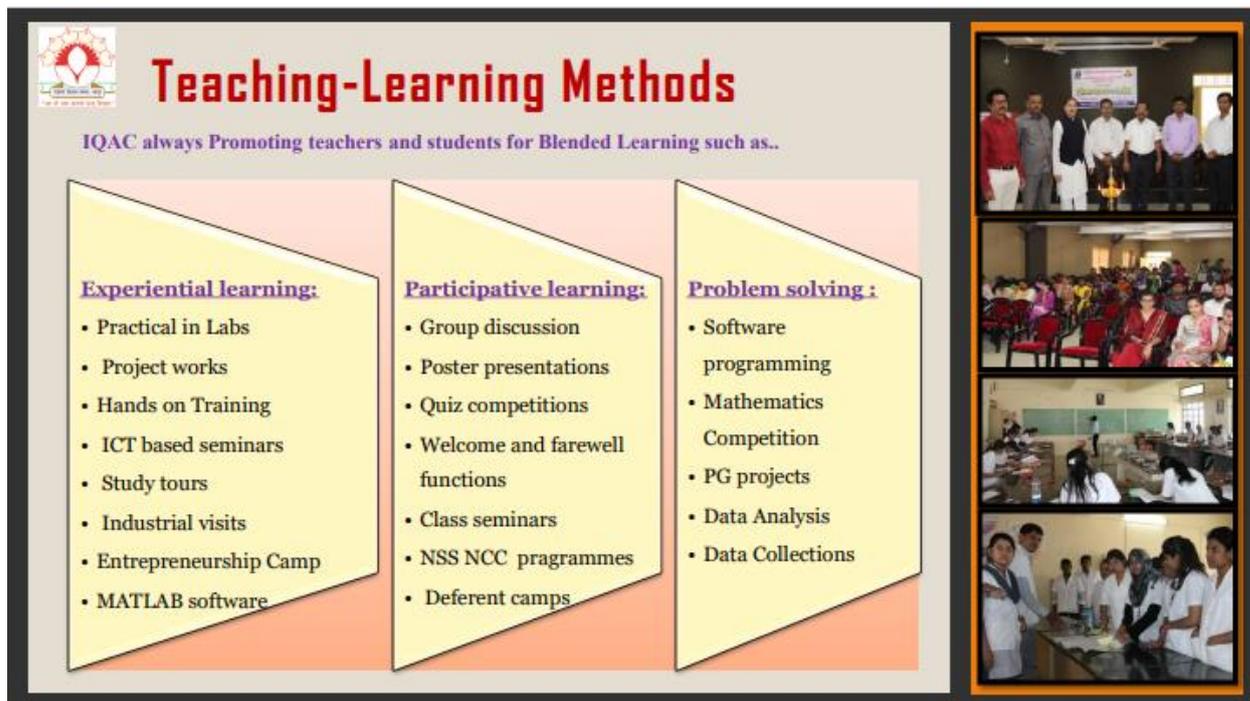
- The College has strategic planning for optimum utilization of resources and mobilizing funds by sending proposal to various funding agencies. This approach has been very fruitful in fetching huge grants from the govt. The NAAC 'A' grade (CGPA:3.14) of the college during second cycle has fixed the path 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 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.





The infographic titled "Teaching-Learning Methods" features the Dayanand Science College logo at the top left. Below the title, it states "IQAC always Promoting teachers and students for Blended Learning such as..". The content is organized into three yellow chevron-shaped boxes pointing right:

- Experiential learning:**
 - Practical in Labs
 - Project works
 - Hands on Training
 - ICT based seminars
 - Study tours
 - Industrial visits
 - Entrepreneurship Camp
 - MATLAB software
- Participative learning:**
 - Group discussion
 - Poster presentations
 - Quiz competitions
 - Welcome and farewell functions
 - Class seminars
 - NSS NCC programmes
 - Deferent camps
- Problem solving :**
 - Software programming
 - Mathematics Competition
 - PG projects
 - Data Analysis
 - Data Collections

On the right side of the infographic, there is a vertical stack of four photographs showing various college activities: a group of men standing together, a group of people seated in a hall, students working at computers in a lab, and students gathered around a table.

EXAMINATION REFORMS

Mechanism of internal / external assessment

- 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.

Examination Related Grievances

- 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.

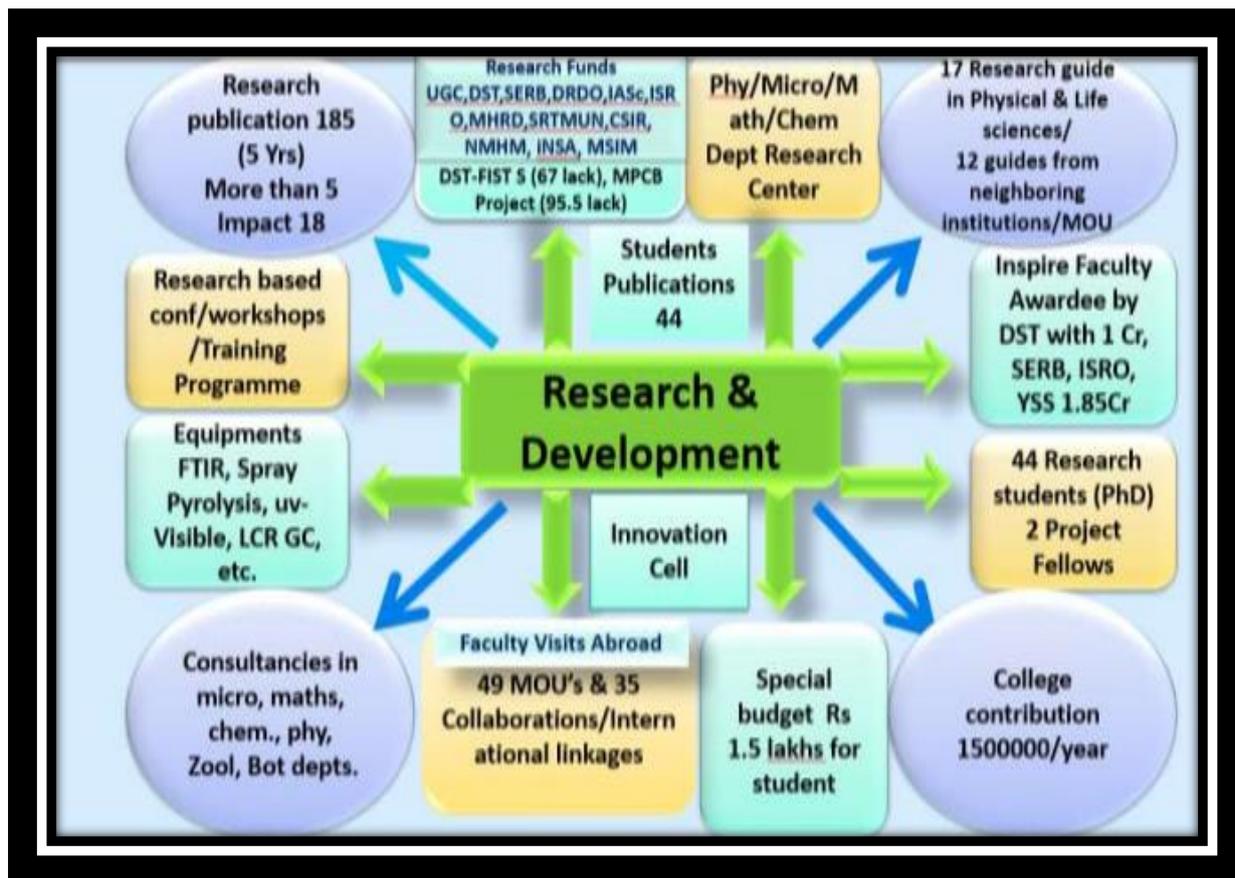
Redressal of grievances at University level:

- 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 university 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.



COLLABORATION / PARTNERING WITH KNOWLEDGE AND SKILL UP

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

2022-23	2021-22	2020-21	2019-20	2018-19	2017-18	2016-17
36	27	21	15	19	06	09

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

2022-23	2021-22	2020-21	2019-20	2018-19	2017-18	2016-17
19	12	8	9	8	6	5

**List of Collaborative activities for research, Faculty exchange, Student exchange/ internship during 2016-17 to 2020-21**

Sr. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Year of collaboration	Link to the relevant document
1	District level "VigyanManch camps" (For school Children)	State Institute of Science and Mathematics, Nagpur in collaboration with Maharashtra state government, Dr. Rahul A. More (7620966090)	1969	https://dsclatur.org/vigyan-manch-2/
2	National Ambient Air Quality Monitoring PROGRAMME	Maharashtra Pollution Control Board Mumbai; Dr.A.M.Chougule (9518706663)	2008	https://dsclatur.org/wp-content/uploads/2021/08/NAMP-Project.pdf
3	Innovation in Science Pursuit for Inspired Research (INSPIRE) (For XI class students)	Department of Science and Technology (DST), Government of India, Shri. R. H. Ladda (Cell no. ??) and Dr. Rahul A More (7620966090)	2014	https://dsclatur.org/inspire-science-camps/
4	Lecture Workshops (for UG & PG students)	Indian Academy of Sciences, Bangalore; Indian National Science Academy, New Delhi; The	2016	https://dsclatur.org/lecture-workshops/



		National Academy of Sciences India, Allahabad; Dr. Nandinee S. Korde (8668654330)		
5	Refresher Courses (For Faculties, Research scholars & PG students)	Science Academies, India; Dr. Nandinee S. Korde (8668654330)	2016	https://dsclatur.org/refresher-courses-2/
6	Financial Literacy and Investor education programs	Securities and Exchange Board of India (SEBI); Dr. Brijmohan Dayma (9421020331)	2011-12	https://dsclatur.org/wp-content/uploads/2021/09/3.5.1_6.SEBI_.pdf
7	Gandhi Vichar Sanskar Pariksha	Gandhi Research Foundation, Jalgaon; Dr. Nandinee S. Korde (8668654330)	2016-17	https://dsclatur.org/gandhi-vichar-center/
8	Teachers Exchange	Rajarshi Shahu Mahavidyalaya, Latur (Autonomous)	2016-17	https://dsclatur.org/wp-content/uploads/2021/09/3.5.1_8.RS-College-Latur-4-files-merged.pdf
9	Research Collaboration	MIT Group's Maharashtra Institute of Medical Sciences & Research, (MIMSR) Latur and Maharashtra Institute of Dental Sciences & Research (MIDSR), Latur	2016-17	https://dsclatur.org/wp-content/uploads/2021/09/3.5.1_9.MI MSR-Latur.pdf



10	Student - Teacher Exchange and Training,	Yogeshwari Mahavidyalaya, Ambajogai	2016-17	https://dsclatur.org/wp-content/uploads/2021/09/3.5.1_10.Yogeshwari-college-Ambajogai.pdf
11	Student - Teacher Exchange and Training,	Shri. Kumar Swami College, AUSA, Dist. Latur	2016-17	https://dsclatur.org/wp-content/uploads/2021/09/3.5.1_11.Shri.-Kumarswami-AUSA.pdf
12	Student - Teacher Exchange and Training,	Marathwada Mathematical Society	2016-17	https://dsclatur.org/wp-content/uploads/2021/09/3.5.1_12.Marathwada-Mathematical-Society.pdf
13	Collaborative Events of Mutual Interest for Student Teacher Training and Research	Swami Ramanand Teerth Marathwada University, Nanded	2016-17	https://dsclatur.org/wp-content/uploads/2021/09/3.5.1_13.Swami-Ramanand-Teerth-Marathwada-University-Nanded.pdf
14	Student - Teacher Exchange and Training, Research Collaborations	Maharashtra Udaygiri Mahavidyalaya, Udgir	2016-17	https://dsclatur.org/wp-content/uploads/2021/09/3.5.1_14.Udaygiri-college-Udgir.pdf
15	Student - Teacher Exchange and Research	National Centre for Cell Sciences, Pune university campus, Ganeshkhind, Pune	2016-17	https://dsclatur.org/wp-content/uploads/2021/09/3.5.1_15.National-Centre-for-Cell-Sciences-Pune-2.pdf
16	SWAYAM-NPTEL Online courses	NPTEL and IIT Madras	2017-18	https://dsclatur.org/wp-content/uploads/2021/09/3.5.1_16.NPTEL.pdf
17	Joint Programms for Social Welfare, Govt. Schemes student and teachers training	Latur District Collector Office and Govt. of Maharashtra	2017-18	https://dsclatur.org/wp-content/uploads/2021/09/3.5.1_17.District-Collector-Office.pdf



18	Research Collaboration	The Inter-University Centre for Astronomy and Astrophysics, Pune, India	2017-18	https://dsclatur.org/wp-content/uploads/2021/09/3.5.1_18.IU_CAA_.pdf
19	Student - Teacher Exchange and Training,	Shivaji Mahavidyalaya Renapur	2017-18	https://dsclatur.org/wp-content/uploads/2021/09/3.5.1_19.Shivaji-College-Renapur.pdf
20	Student - Teacher Exchange and Training,	Maharashtra Mahavidyalaya, Nilanga	2017-18	https://dsclatur.org/wp-content/uploads/2021/09/3.5.1_20.Maharashtra-College-Nilanga.pdf
21	Student - Teacher Exchange and Training,	Kai. Rasika Mahavidyalaya, Deoni	2017-18	https://dsclatur.org/wp-content/uploads/2021/09/3.5.1_21.Rasika-Mahavidyalaya-Deoni.pdf
22	Teachers Exchange	Mahatma Basweshwar College, Latur	2018-19	https://dsclatur.org/wp-content/uploads/2021/09/3.5.1_22.Mahatma-Basweshwar-College-Latur.pdf
23	Student - Teacher Exchange and Training, Science Exhibitions	Dr. Vishwanath Karad MIT World Peace University, Pune	2018-19	https://dsclatur.org/wp-content/uploads/2021/09/3.5.1_23.MIT-world-Peace-University.pdf
24	Student - Teacher Exchange and Training	College of Computer Science and Information Technology, (COCSIT) Latur	2018-19	https://dsclatur.org/wp-content/uploads/2021/09/3.5.1_24.COCSIT.pdf
25	Student - Teacher Exchange and Research	Punyashlok Ahilyadevi Holkar Solapur University, Solapur	2019-20	https://dsclatur.org/wp-content/uploads/2021/09/3.5.1_25.PAH_Solapur.pdf
26	Yoga Courses for College Stakeholders	Bharat Swabhimani, Patanjali Yogpeeth, Haridwar, Latur Branch; Dr. Sarika B.	2020-21	https://dsclatur.org/wp-content/uploads/2021/09/3.5.1_26.-PatanjaliYoga_2021.pdf



		Dayma (9860594966)		
27	The Modalities of handling water, Waste, Greenery, Sanitation And Energy in the HEIs and The Villages adapted by them	Mahatma Gandhi National Council of Rural Education (MGNCRE), Department of Higher Education The Ministry of Human Resources Development, Government of India	2020-21	https://dsclatur.org/wp-content/uploads/2021/09/3.5.1_26.MGNCRE.pdf
28	Mentoring in Technovation Hackaaathon-3	Sharda Univeristy	2020-21	https://dsclatur.org/wp-content/uploads/2021/09/3.5.1_27.Sharda-University.pdf
29	Student - Teacher Exchange and Training	MIT CIDCO, Aurangabad	2020-21	https://dsclatur.org/wp-content/uploads/2021/09/3.5.1_28.MIT-Cidco-Aurangabad.pdf
30	Student - Teacher Training and Online Courses	Maharashtra Knowledge Corporation Ltd (MKCL)	2020-21	https://dsclatur.org/wp-content/uploads/2021/09/3.5.1_29.MKCL_.pdf
31	Student - Teacher Training	Symbiosis Institute of Computer Studies & Research Center, Symbiosis International University, (DEEMED) Pune	2020-21	https://dsclatur.org/wp-content/uploads/2021/09/3.5.1_30.Symbiosis.pdf



32	Collaborative Events of Mutual Interest for Student Teacher Training and Research	Bhartiya Shikshan Mandal	2020-21	https://dsclatur.org/wp-content/uploads/2021/09/3.5.1_31.Bhartiya-Shikshan-Mandal.pdf
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Sr. No.	Name of the institution/ industry/ corporate house with which MoU is signed	Year of signing MoU	Duration	List the actual activities under each MOU and web -links year-wise	Number of students/teachers participated under MoUs
1	MPCB Government of Maharashtra	2007	20.12.2007 till date	Research (Continuous Year Monotoring Project)	25
2	Mastersoft ERP Solutions Pvt.Ltd, Nagpur	2009-10 (Renewal in 2019)	2009 and 23.09.2019 (Renewal) till date	Office Softwares, Digital Training to Office Staff Members	5
3	Treezec E-Solution	2015	20.01.2015 till date	“10 Days PHP training Program on PHP”, Internships	48 Students
4	Greenex Environmental, Pune	2015	15.01.2016	Webinar on Best Practices on Environmental Monitoring, awareness programs and Green and Environmental Audit	72
5	Aditya Soil and Water Testing Laboratory, Latur	2016	20.06.2016 till date	Soil and Water Testing Camp and Student Training	As per attachment



6	Kedar Khamitkar & Associates (Certified by BEE, Ministry of Power Government of India & Enpanelment MEDA, Govt of Maharashtra)	2017	15.01.2017 till date	Energy Management & its Awareness Events for Students and Teachers, Experts talk & Lectures series, Conducting Energy Audit & Providing necessary solutions to save Energy	As per attachment
7	Maharashtra Centre for Entrepreneurship Development, Latur	2017	17.06.2016 till date	Entrepreneurship Development events for students Awareness Camp	76
8	Dr.Babasaheb Ambedkar Marathwada University. Sub center, Osmanabad	2017	01.12.2017 till date	Student and Faculty Exchange, Resource person in National Workshop	2
9	Maharashtra Matsya Beej Utpadan Kendra Address:- Kesaouri Tq- Majalgoan Dist- Beed	2017	15.11.2017 till date	Study Tour, Students training and internship	10
10	Patil Bee Keepers. Address – Chakur M.I.D.C Chakur	2017	15.12.2017 till date	Study Tour, Curriculum desiging, Students training, workshop and internship	45
11	Rajarshi Shahu Mahavidyalaya (Autonomous), Latur	2018	01.09.2018 till date	Student and Faculty Exchange, Training, Research activities and Joint Programms	As per attachment



12	eLearn Technologies, Kolhapur	2019	25.07.2019 till date	E-content creations, Faculty Skill trainings and workshops, e-LMS development and related activities	As per attachment
13	Microsoft	2020	28.04.2020 till date	Student and Faculty Exchange, Training and Joint Programms	All Students and Teachers
14	MIT World Peace University, Pune	2021	17.08.2021 till date	Student and Faculty Exchange, Training and Joint Programms	As per attachment

Extension Activities:

Students participating in extension activities

2022-23	2021-22	2020-21	2019-20	2018-19	2017-18	2016-17
947	1110	200	1400	770	1226	571

- 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 awareness 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, deaddiction, 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.





13. RESEARCH AND DEVELOPMENT:

Grants received from Government and non-governmental agencies for research projects

2022-23	2021-22	2020-21	2019-20	2018-19	2017-18	2016-17
19.73	30.38	24.75	27.83	17.49	17.45	62.73

Number of full time teachers with Ph. D.

2022-23	2021-22	2020-21	2019-20	2018-19	2017-18	2016-17
27	27	25	24	22	19	18

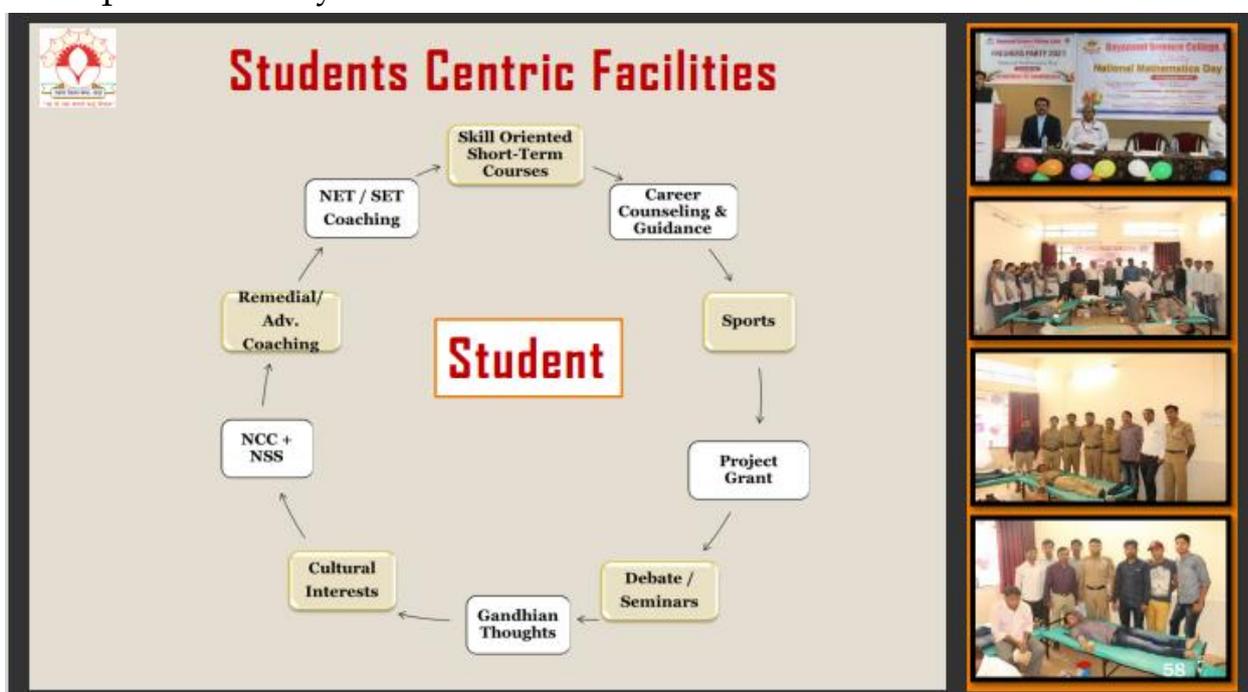
Innovation Ecosystem:

- 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.



Students Support and Progress

Scholarship:	Progress:	Leadership Development:
<ul style="list-style-type: none">• INSPIRE-SHE• Open Merit• Scholarship for BC• Teaching Plan• Minority• DES Merit Scholarship• Eklawye Scholarship• Free ship• Fee Concession	<ul style="list-style-type: none">• NET-SET• IIT-JAM• University Merit• Seminar Competition• Skill development• Placements• Awards medals	<ul style="list-style-type: none">• Students Council• Yuvati Kalyan Mandal• Subjects Associations• Magazine Committee• Science Association• NSS,NCC, Sports Commi.• Participation in IQAC,CDC• Cultural

The right side of the slide features a vertical strip of four photographs: 1. A large group of students in a hall. 2. A student on a stage. 3. A group of students performing. 4. A student presenting at a board.

STAKE HOLDERS INVOLVEMENT:

Student Participation:

- 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.

Alumni Engagement:

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 alumniees 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





14. CREATING INSTITUTIONAL BRAND IMAGE:

Institutional Distinctiveness:

Title: Meritorious Dayanand Pattern striving for excellence

The College is the single faculty college in the Marathwada region since 1967, pursuing 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 Uchcharat Shiksha Abhiyan (RUSA) since 2018
5	NAAC Reaccredited in A grade with CGPA 3.14
6	Swami Ramanand Teerth Marathwada University, 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, Bangkok, 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.

Best Practices: I

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

Science promotion through (S);

1. Vidnyan Manch, (V)
2. INSPIRE Camps (I)
3. Programms of Lecture Workshops, Refresher Courses (P)

- 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. Scholar 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.

**Success of Best Practice:**

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	Academic	Budget	No. of
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



Best Practices: II

“Students Encouragement through Financial Aid” (SEFA)

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

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:

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.

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		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
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	21,16,277

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.



15. SOCIAL OUTRICH PROGRAM:

Institutional Values and Social Responsibilities

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.

Institutional Values and Social Responsibilities:

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





Institution for the management of the following types of degradable and non-degradable waste

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

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 vendor 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. Recently 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 Champion Award” under ‘One District One Champion’.

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

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

Harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities

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.



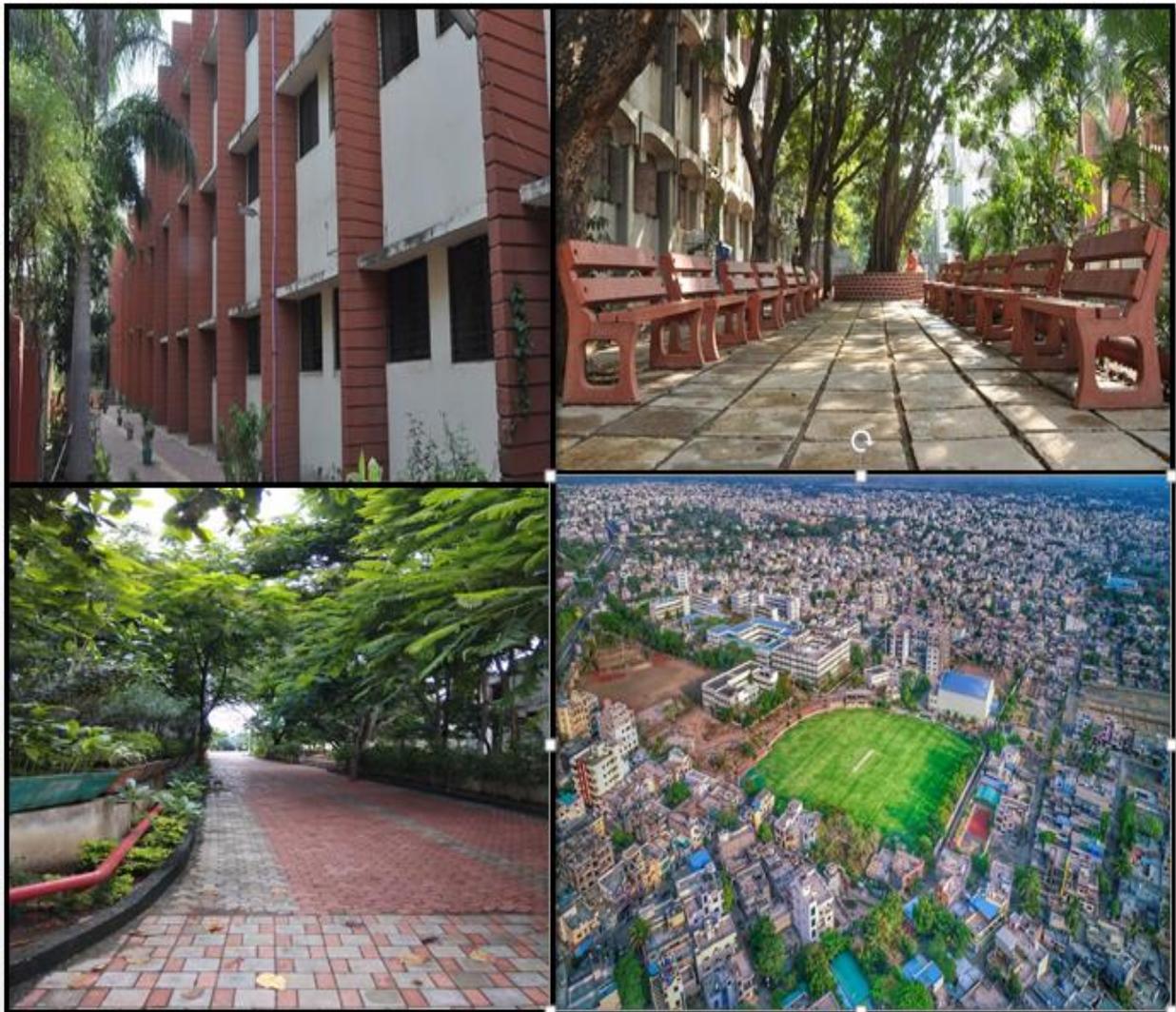
Regional & Linguistic Diversity programs:

- 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 socioeconomic 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.



**16. STRATEGIC PLANS AND ITS IMPLEMENTATION****Strategic / Action plan and its Implementation Year 2015-16**

Sr. No.	Action Plan	Implementation
1.	To organize International Conference in the subject of Pure and applied Mathematics in Sept., 2016. Submit the proposal for grant to DST, UGC, NBHM, CSIR, SRTMUN upto Sept., 2015. 1) Dr. S.S. Bellale,	Submitted the proposal to the UGC, CSIR, DST, NBHM, DRDO, INSA, Home Ministry of India.
2.	To organize National Conference in the subject of Physics and Material Science Pure and applied Mathematics in Sept., 2016. Submit the proposal for grant to DST, UGC, NBHM, CSIR, SRTMUN upto Spet., 2015 "Science & Technology" the one for next year 1) Prof. K.N. Rathod, 2) Prof. V.D. Mote	Extended this programme for next year.
3.	To organize International Conference in the subject of "Science & Technology" 1) Dr. R.V. Solunke 2) Dr. C.S. Swami	Extended to next year.
4.	To organize National Conference in the subject of Life Sciences in the year 2015-16. 1) Prof. M.B. Deshmukh	Due to insufficient faculty it is not possible to conduct this event.



	2) Prof. A.G. Siddiqui	
5.	<p>To submit the application for the recognition of research guide by the following faculty.</p> <ol style="list-style-type: none">1) Dr. S.B. Kathare (Marathi)2) Dr. N.S. Korade (Chemistry)3) Dr. V.D. Mote (Physics)	Proposals are submitted to the SRTM university as per the guidelines.
6.	<p>Submit the proposal for Major Research Project to UGC or DST by the following faculty members to UGC & DST.</p> <ol style="list-style-type: none">1) Dr. C.S. Swami (Botany)2) Dr. R.V. Solunke (Zoology)3) Dr. N.S. Korade (Chemistry)4) Dr. M.A. Bembade5) Dr. V.D. Mote (Physics)6) Dr. R.V. Kirtane (Zoology)7) Dr. V.A. Choudhari (Physics)8) Dr. L.V. Thakre (Physics)9) Dr. S.S. Bellale (Mathematics)	Proposals are submitted by Dr. S. S. Bellale and Dr. V. D. Mote to the UGC
7.	<p>To submit Minor Research Project to UGC before 31st July 2016 by the following faculty members.</p> <ol style="list-style-type: none">1) Prof. R.K. Jadhav (Chemistry)	Proposal were submitted by Prof R. K. Jadhav, Prof. K.R. Bhisr, Prof. M. M. Pandit, Prof. V. D. Gaikwad.



	2) Prof. G.H. Bane (Hindi) 3) Prof. K.R. Bhise (Library) 4) Prof. M.M. Pandit(English) 5) Prof. V.D. Gaikwad(Mathematics) 6) Dr. J.A. Angulwar(Chemistry) 7) Prof. S.N. Ibate(Chemistry)	Prof. J. A. Angulwar is on FIP so he is not submitted
8.	To submit the proposal for Research centre for Chemistry Department. 1) Prof. Y.P. Sarnikar	Proposal is submitted
9.	To Set up Science Research Foundation for Promoting interdisciplinary Research: 1) Prof. M.B. Deshmukh 2) Dr. L.V. Thakre	Partially Implemented
10.	To increase No. of Research journals in library and reading room in the subject of Mathematics, Physics & Microbiology	Some Journals are subscribed with membership of the society of journals.
11.	To develop Three Audio / Visual Classrooms, Digital interactive boards in the class rooms / Labs	Well-equipped MATLAB is constructed with 30 PC and projector with internet connectivity.
12.	To submit the proposal for B.Sc. additional division.	Proposal is submitted and it is sanctioned.
13.	To submit the proposal for PG in the subject of Mathematics and Physics.	Proposal is submitted and it is sanctioned
14.	To take the online feedback from students and stakeholders.	Online feedback is collected and it is analysed.



15.	Students should make relevant field trips/study trips	Study tours are arranged by departments of Botany, Zoology, Physics, Industrial Chemistry
16.	Three days workshop for students on "Entrepreneurship Development" Prof.S.K. Alane for girl students	Due to the short term and Exam schedule it is not possible in this academic year hence postponed in next academic year.
17	To organized District level "Awishkar Festival" for students - Dr. L.V. Thakre	Proposal is submitted to the University, and gets sanctioned. The successful Aviskar festival is conducted.
18.	To apply for Government of India offers many schemes through which funding can be availed to start a Community College. Government of India (HRD Ministry, etc.) also has many schemes for funding	Proposals are submitted to the UGC for B.Voc. and DD Kausal Scheme
19.	To conduct the Internal & External Audits of all the Departments during 15th to 20th of April, 2016	Internal academic is conducted. Applied to the university for external academic audit
20.	Alumni Association Meetings:- Dr. S.B. Kathare two time. i) Complete the registration process of Alumni Association and display it on website.- Dr. S.B. Kathare. ii) To organize at least two meetings with alumni association. - Dr. S.B. Kathare.	Alumni Association is working since 2004 and registered with the Assistant Charity Commissioner office, Latur on 30.03.2016. Dr.YuvrajSarnikar (President), Mr. Hanumant Gaikwad (Vice President) Editor of DainikLokmat& Mr. BalwantSuryawaonshi



		(Secretary) alongwith 6 (Six) members are leading the association. The office headquarters is shifted in the premises of College and building strong bond between alumni's and presents students. One meetings is conducted during the year and different programs also conducted.
21.	Two days training program for non-teaching staff on "Use of computer in Laboratory" Co-ordinator . 1) Prof. K.N. Rathod. 2) Prof. S.S. Jaju	Two days programme is conducted by the department of Physics and computer Science
22.	To organize faculty development Short Term Course. 1) Dr. R.V. Solunke 2) Dr. C.S. Swami	Not conducted.
23.	Two days seminar on "Quality Enhancement in Higher Education" by IQAC. 1) Dr. L.V. Thakre, 2) Dr. S.S. Bellale	Proposal is submitted to the NAAC office for the grants for workshop. Seminars are arranged by inviting the guest Dr.Masumdar sir
24.	To arrange the remedial classes in subject papers whose result is less than 50%.	Remedial and advanced learners special classes also arranged by mathematics department. Special lectures were conducted by Department of Chemistry as per extra time table.



25.	To organize at least two Inspire Science Camp, one Vigyan Munch Camp, Awishkar Research Festival	Vigyan Munch Camp is organized. Inspire Science Camp is organized.
26	<p>Suggestion made by Hon. President, Hon. Secretary, Hon. Joint Secretary in the meeting 27 July 2015.</p> <p>1. Hon. Secretary suggested to undertake consultancies to carry out extension activities particularly:-</p> <p>i) Soil testing ii) Water testing iii) Agro Chemicals and fertilizer testing</p> <p>The above consultancies are given to the Department Microbiology & Botany.</p> <p>2. The Hon. Joint Secretary suggested that top performing students in sport should be tuned and motivated for further enhancement in their performance by the sports department.</p> <p>3. Hon. President suggested to carry out community and consultancy based activities and services by:</p> <p>i) NSS Department - Dr. D.V. Mote ii) NCC Department - Dr. V.A. Chaudhari</p>	As per these suggestion all the programmes are conducted by the departments



	iii) Air monitoring program (NAMPA) – Dr. A.M. Chaugule	
27.	<p>Implementation of peer team's suggestion.</p> <ol style="list-style-type: none">1. IQAC may be made more proactive to enhance educational and research outcome, consultancy potential and mobilizing resources through Public Privet Partnership initiatives.2. Undertake women entrepreneurship development initiatives.3. Arrange for recruitment of teachers to optimize student: teacher ratio.4. ICT-based facilities including smart class rooms to be extended to all departments.5. More PG degree Courses and diploma / certificate course to enhance employability.6. Initiate steps to promote intrinsic talents of students in fine / performing arts and sports.7. Science Research Foundation should be set up for promoting interdisciplinary research.	<ol style="list-style-type: none">1. IQAC may be trying make more proactive to enhance educational and research outcome, consultancy potential and mobilizing resources through Public Privet Partnership initiatives.2. Undertake women entrepreneurship development initiatives with planning different programs by the botany department.3. Increased number of recruitment of teachers to optimize student: teacher ratio. Also proposal is send towards Government of Maharashtra for this.4. ICT-based facilities including smart class rooms to be extended to two departments Mathematics and Microbiology.5. More PG degree Courses and diploma / certificate course to enhance employability, Applied for PG in Mathematics, Physics. Courses DD Kaushal, B.voc. U.G. : B.Sc. Division, B.Sc. Business Mathematics.



	<p>8. Provision for physically challenged persons should be provided.</p> <p>9. Modernization of boys hostel and students common rooms in the college need to be taken up on a priority basis.</p>	<p>6. Planning Initiate steps to promote intrinsic talents of students in fine / performing arts and sports.</p> <p>7. Planned to set up Science Research Foundation for promoting interdisciplinary research.</p> <p>8. For physically challenged persons should be provided. Constructed Lift for Handicapped Student.</p> <p>9. Modernization of boys hostel and in the collegemade properly.</p>
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Strategic / Action plan and its Implementation Year 2016-17

Sr. No.	Action Plan	Implementation
1.	<p>To organize International Conference in the subject of Pure and applied Mathematics whose proposals for grant to DST, UGC, NBHM, CSIR, SRTMUN last year.</p> <p>1) Dr. S.S. Bellale,</p>	<p>Submitted the proposals sanctioned UGC,CSIR, DST, NBHM, DRDO, INSA, and conference is organized successful during 05-09 March 2017.</p>
2.	<p>To submit the proposal for UGC-CPE</p>	<p>Proposal is sanctioned and college received grant under UGC-CPE.</p>
3.	<p>To submit the research proposal to SRTMUN for getting research centres in the department of Mathematics and Physics</p>	<p>Sanctioned research centres by SRTMUN.</p>



4.	To organize International Conference in the subject of "Science & Technology", which is pending for last year 1) Dr. R.V. Solunke 2) Dr. C.S. Swami	Not processed for this.
5.	To organize Ph.D. course work for Ph.D. students under SRTMUN - Dr. S. S. Bellale	Department of Mathematics organized two course work for Ph.D. Students
6.	To submit the application for the recognition of research guide by the following faculty. 1) Dr. V.A. Chaudhari (Physics) 2) Dr. M.A. Bembade (Sport) 3) Dr. V.D. Mote (Physics)	Received recognition of research guide to the following faculty. 1) Dr. V.A. Chaudhari (Physics) 2) Dr. M.A. Bembade (Sport) 3) Dr. V.D. Mote (Physics)
7.	Submit the proposal for Major Research Project to UGC or DST by the following faculty members to UGC & DST. 1) Dr. C.S. Swami (Botany) 2) Dr. R.V. Solunke (Zoology) 3) Dr. N.S. Korade (Chemistry) 4) Dr. V.A. Choudhari (Physics) 5) Dr. L.V. Thakre (Physics) 6) Dr. S.S. Bellale (Mathematics)	Proposals are submitted by Dr. R. V. Salunke to the DST and Dr. N. S. Korde for SRTMUN.
8.	To organize regional workshop on "Research Methodology for Ph.D. Student".	Department of Mathematics organized regional workshop on "Research Methodology for Ph.D. Student".
9.	To submit the proposals for Research centre for Physics, Mathematics and Chemistry Department. 1) Dr. L. V. Thakre 2) Dr. S. S. Bellale	Proposals are submitted in the subject of mathematics and Physics getting sanctioned.



	3) Prof. Y.P. Sarnikar	
10.	To Set up Science Research Foundation for Promoting interdisciplinary Research: 1) Prof. M.B. Deshmukh 2) Dr. L.V. Thakre	Partially Implemented in the department of Microbiology, Physics and Mathematics.
11.	To increase No. of Research journals in library and reading room in the subject of Mathematics, Physics & Microbiology and chemistry.	For this purpose online journals are subscribed through N-LIST which includes 4000 online Journals and books.
12.	To develop Three Audio / Visual Classrooms, Digital interactive boards in the class rooms / Labs	Two audio/visual classrooms Completed mathematics and Bioinformatics. the interior work in Conference Hall, in Botany and Microbiology
13.	To take the online feedback from students and stakeholders.	Online feedback is collected and it is analysed.
14.	Students should make relevant field trips/study trips	Department of Zoology, Physics & Industrial Chemistry has organized field trips/study trips.
15.	Three days' workshop for students on "Entrepreneurship Development" Prof. S.K. Alane for girl students	Workshop is conducted.
16.	To organized District level "Awishkar Festival" for students - Dr. L.V. Thakre	Proposal is submitted to the University but it is sanction to COCSIT college. It is proposed for next year.
17.	To conduct the Internal & External Audits of all the Departments.	Internal academic is conducted. Applied to the university for external academic audit
18.	To conduct the alumni association's and parent's meeting. - Prof Y. P. Sarnikar	Conducted Alumni two Association and one parent's meeting.



19.	Two days training program for non-teaching staff on "Use of computer in Laboratory" Co-ordinator. 1) Prof. S.S. Jaju	Two days programme is conducted by the department of computer Science
20.	To arrange the remedial classes, Special classes for advanced learners in the all subject.	Remedial and advanced learners special classes also arranged by mathematics department. Special lectures were conducted by Department of Chemistry as per extra time table.
21	To arrange the classes for IIT-JAN, SET-NET	Mathematics department organized these classes.
22.	To organize University level seminar competitions for UG,PG Student in Mathematics Dept.	MMS seminar competition is organized by mathematics department.
23.	To organize at least two Inspire Science Camp, one Vigyan Munch Camp, Awishkar Research Festival	Vigyan Munch Camp is organized. Two Inspire Science Camps is organized.
24.	To organize hands on experience program for the teachers and student of 8th to 10th standard.	To organize hands on experience program for the teachers and student of 8th to 10th standard in Jan. 2017
25.	Implementation of peer team's suggestion. 1. IQAC may be made more proactive to enhance educational and research outcome, consultancy potential and mobilizing resources through Public Privet Partnership initiatives.	1. IQAC may be trying make more proactive to enhance educational and research outcome, consultancy potential and mobilizing resources through Public Privet Partnership initiatives. 2. Undertake women entrepreneurship development initiatives with



<ol style="list-style-type: none">2. Undertake women entrepreneurship development initiatives.3. Arrange for recruitment of teachers to optimize student: teacher ratio.4. ICT-based facilities including smart class rooms to be extended to all departments.5. More PG degree Courses and diploma / certificate course to enhance employability.6. Initiate steps to promote intrinsic talents of students in fine / performing arts and sports.7. Science Research Foundation should be set up for promoting interdisciplinary research.8. Provision for physically challenged persons should be provided.9. Modernization of boys hostel and students common rooms in the college need to be taken up on a priority basis.	<ol style="list-style-type: none">planning different programs by the botany department.3. Increased number of recruitment of teachers to optimize student: teacher ratio. Also proposal is send towards Government of Maharashtra for this.4. ICT-based facilities including smart class rooms to be extended to two departments Mathematics and Microbiology.5. More PG degree Courses and diploma / certificate course to enhance employability, Applied for PG in Mathematics, Physics. Courses DD Kaushal, B.voc. U.G. : B.Sc. Division, B.Sc. Business Mathematics.6. Planning Initiate steps to promote intrinsic talents of students in fine / performing arts and sports.7. Planned to set up Science Research Foundation for promoting interdisciplinary research.8. For physically challenged persons should be provided. Constructed Lift for Handicapped Student.9. Modernization of boys hostel and in the college made properly.
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**Strategic / Action plan and its Implementation Year 2017-18**

Sr. No.	Action Plan	Implementation
1.	To submit the proposal for UGC B.Voc	Sanctioned B. Voc. Courses for carrier development for the students are 1. Mobile Communication Technology, 2. Animation & Multimedia is started.
2.	To conduct the five days workshop on Computer Literacy.	1. Computer department Conducted 5 days workshop for non-teaching staff of Dayanand Science College, Latur on Computer Literacy.
3.	To organize workshop on Syllabi	Proposals submitted to university
4.	To organize Entrepreneurship awareness programme for girls students	Three Day 'Entrepreneurship Awareness and Training Programme' for Girl Students on 21-23 December, 2017. (Coordinator: Prof. S. K. Alane)
5.	To organize 3 days workshop (guest lecture) for staff of Computer Science on "Python Language"	Computer Science department organized 3 days workshop (guest lecture) for staff of Computer Science on "Python Language" by Sanjeev Khandelwal (Vice President Technology, Bank of America, USA).
6.	To organize workshop on Blue Revolution for the farmers.	Department organized a three day workshop on "BLUE REVOLUTION" sponsored by UGC-CPE-SKILL DEVELOPMENT PROGRAMME for farmers and students in Collaboration with



		N.F.D.B, Dept of fish ,Govt. of Maharashtra On 24,25&26 Nov 2017.
7.	To organize 3 days Lecture workshop in Chemistry by Indian Academy of Science, Bangalore	Department of Chemistry Organized a three days workshop on 'Conceptual Chemistry' on 06th Jan - 8th Jan. 2018 Under the Coordinator ship of Dr. N. S. Korde and Co-coordinatorship of Dr. S. S. Mahurkar funded by Academy of science Bengluru in wich 156 students participated from different colleges of S R T M U, Nanded
8.	To organize 15 days Refresher Course in Mathematics by Indian Academy of Science, Bangalore	Organized 15 days Refresher Course in Mathematics during 11 - 25 June, 2018 is under sponsorship of Indian Academy of Science, Bangalore
9.	Inspire Science Camp is organized for students to promote for research and attract towards basic sciences	1. Inspire Science Camp is organized for 200 students during 11 - 16 Oct. 2017. 2. 16th Inspire Science Camp is organized for 200 students during 06 - 10 March 2018.
10.	To submit the proposal for research guide by the qualified faculties	Prof.Dr. S. N. Ibatte, Prof.Dr. N. S. Korde, Prof.Dr. A. M. Chougule are sanctioned as Ph.D. research supervisor / Guide in the subject Chemistry under the faculty of Science and Technology by S.R.T.M.U. Nanded
11.	To increase the participation of students in different competitions.	1) Poster Presentation Competition for Comp.Sci.at Yashwantahavidyalaya,



		<p>Nanded. Total students participated = 10 Rank in Poster Presentation in the topic Brain Computer Interface</p> <ol style="list-style-type: none">1. Poonam Lokre - II2. Akshta Holikar - II <p>2) In Blind C Language Competition at M.S. Bidve Engg. College, Latur Participants- 04 students Ayesha Mulla reached at IIIrd round.</p> <p>3) R.S.M., Latur C Language Quiz Competition 10 students participated. In this competition Shewta Kore Reached up to IIIrd round.</p> <p>Youth Festival Activities</p> <ol style="list-style-type: none">1) Kanchan Tidole has got second prize in Classical Singing Event.2) Apeksha Chakote has got second prize in speech competition.3) Sumit Hasale has secured second prize in Mimicry.4) Our students received third prize in dance competition these students name<ol style="list-style-type: none">i) Rushikesh Jadhavii) Rajan Bapataneiii) Nishad Bhuteiv) Akshay Kharadev) Sumit Hasalevi) Swapnali Khtilevii) Kolhe Jyotiviii) Aboli Bedgnurix) Kanchan Tidolex) Nikita Vaidya5) District level seminar competition ku Sakshi Agarwal won first prize and Ku Apeksha Chakote won III prize6) Ms. Andhare Aishwarya Arun B.Sc. I year District Level Avishkar research competition 2017 winner Rank Won
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		Second prize in UG - Agricultural Category
12.	To organize A zone inter college Badminton tournaments in our College	Sport department have organised A zone Inter college Badminton & Table Tennis Tournament. Also organised Inter zone Inter college Badminton & Table Tennis Tournament
13.	To organize study tour for physics laboratories	Physics & Computer Science Departments has organised 3 days educational tour for 78 students of B.Sc. III year at "National Observatory Center, Alibagh" during 29/01/2018 to 31/01/2018
14.	To organize one day seminar by CADD center "Emerging Trends in IT Computer Industry" for all computer Science students.	Computer Science department organised one day seminar by CADD center "Emerging Trends in IT Computer Industry" for all computer Science students.
15.	To organize science exhibition	In collaboration with Sunday Science School, Latur our college organized Children's Science Exhibition on 11th Feb.,2018. Chief Guest was District collector
16.	To organize Ph.D. course work	Department of Mathematics organized "Course Work For Ph. D Students" sponsored by SRTMUN on 25May -10 June 2018.
17.	To organize seminar on Energy Management	Department of Botany Organized a Seminar on 'Energy Management' for Staff of College, Sponsored by Petroleum Conservation Research



		Association, Ministry of Petroleum and Natural Gas, Government of India on 11 April, 2018.
18.	<p>Implementation of peer team's suggestion.</p> <ol style="list-style-type: none">1. IQAC may be made more proactive to enhance educational and research outcome, consultancy potential and mobilizing resources through Public Privet Partnership initiatives.2. Undertake women entrepreneurship development initiatives.3. Arrange for recruitment of teachers to optimize student: teacher ratio.4. ICT-based facilities including smart class rooms to be extended to all departments.5. More PG degree Courses and diploma / certificate course to enhance employability.6. Initiate steps to promote intrinsic talents of students in fine / performing arts and sports.7. Science Research Foundation should be set	<ol style="list-style-type: none">1. IQAC may be trying make more proactive to enhance educational and research outcome, consultancy potential and mobilizing resources through Public Privet Partnership initiatives.2. Undertake women entrepreneurship development initiatives with planning different programs by the botany department.3. Increased number of recruitment of teachers to optimize student: teacher ratio. Also proposal is send towards Government of Maharashtra for this.4. ICT-based facilities including smart class rooms to be extended to two departments Mathematics and Microbiology.5. More PG degree Courses and diploma / certificate course to enhance employability, Applied for PG in Mathematics, Physics. Courses DD Kaushal, B.voc. U.G. : B.Sc. Division, B.Sc. Business Mathematics.6. Planning Initiate steps to promote intrinsic talents of students in fine / performing arts and sports.



<p>up for promoting interdisciplinary research.</p> <p>8. Provision for physically challenged persons should be provided.</p> <p>9. Modernization of boys hostel and students common rooms in the college need to be taken up on a priority basis.</p>	<p>7. Planned to set up Science Research Foundation for promoting interdisciplinary research.</p> <p>8. For physically challenged persons should be provided. Constructed Lift for Handicapped Student.</p>
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Strategic / Action plan and its Implementation Year 2018-19

Sr. No.	Action Plan	Implementation
1.	To apply for the research centre in Chemistry.	College has submitted a proposal to S.R.T.M.U. Nanded for getting recognition of research centre in the department of Chemistry, Sanctioned by SRTMUN
2.	To Start the B-Voc in the subject of Mobile communication technology Animation and Multimedia	UGC approved these course on 30 July 2018 it will be started form June 2019.
3.	To Organize the National workshop on CBCS pattern of SRTMUN in the subject Mathematics for B. Sc. III year new Syllabi and SEC	Organized "National Workshop on Recent syllabi in Mathematic for SRTMUN", at DSC, Latur during 06 Aug 2018 total 84 Teachers participants attend this workshop and they have given training about new syllabi of B.Sc. III year and SECM-III,IV.



4.	To organize Ph.D. Course in Science	Mathematics Department Organized Ph. D. Course work for Ph. D. Student of SRTMUN, at Mathematics research center, Dayanand Science College Latur, during 25 May-09 June 2018. Total 26 students completed this course work.
5.	To conduct the five days workshop on Computer Literacy.	<ol style="list-style-type: none">1. Computer department Conducted 5 days workshop for non-teaching staff of Dayanand Science College, Latur on Computer Literacy.2. Conducted 1 day workshop for computer student of Computer Science department by Nandkumar Mali, Latur on Ethical Hacking & Network Security on 24/08/2018
6.	To organize workshop on Syllabi	<ol style="list-style-type: none">1. Department of Chemistry organized a UGC-CPE sponsored workshop on Skill Enhancement Course (SEC) CBCS in Chemistry for B.Sc. III year on 06.08.20182. Department of Mathematics organized "National Workshop one Recent Syllabi in Mathematics for S.R.T.M.U.N (B.Sc. T.Y, CBCS, SEC, Practical)" sponsored by UGC-CPE on 06 August, 2018.3. Dept of zoology organized workshop on (Skill Enhancement Course) for BSc III syllabus sponsored by UGC-CPE & S.R.T.M.U.N on 06/08/2018.
7.	To organize NPTEL workshop for UG students	Mathematics Department Organized "NPTEL workshop for Mathematics". On the date 21.07 2018 for B. Sc I, II, III



		<p>year students. Total 102 students participated in this workshop. Prof N. S. Pimple is the mentor for this workshop</p>
8.	<p>To increase the organization of social activities by NCC and NSS for Latur citizen</p>	<ul style="list-style-type: none">•NSS unit had conducted “Pledge for life – Tobacco free Youth” Programme in our college on 11 July 2018. A motivational video was shown to the students as per guideline given by NSS unit of S.R.T.M. University. Around 126 students had taken the pledge.•On the occasion of “Independence day” on 15 August 2018 the N.S.S. unit had conducted the cleanliness program in our college. . Also on this day NSS unit visited the Lal Bahadur Shastri School and celebrated the Rakshabandan with the students of the School and also distributed the fruits and educational kits to the students.•Akash Dnyanoba Pawar N.S.S. Volunteer selected in AVHAN -2019 Chancellors Bridge- State level Training camp on Disaster Management, organized by Swami Ramanand Teerthmarathwada University Nanded in the Campus during 03rd June to 12th June 2019.•Our college N.S.S. Students are working as ‘YUVA MAHITI DOOT’ total 78 students are enrolled for working as YUVA MAHITI DOOT out of which 18 students are eligible for the Digital Certificate from the Govt. of Maharashtra.•Our college N.S.S. Students are working as ‘YUVA MAHITI DOOT’



		total 78 students are enrolled for working as YUVA MAHITI DOOT out of which 18 students are eligible for the Digital Certificate from the Govt. of Maharashtra.
9.	To organize the computer Literacy programme for Non-Teaching staff	Fivedays workshop was organized for non-teaching faculty to make them computer literate. The workshop was conducted from 20th June 2019 to 25th June 2019 under the title "Handling Techniques On Office Automation" total 25 non-teaching faculty benefited by this program. Mrs. Jaju S.A, Dr.Shinde R.B, Miss Kale S.V, Miss. Patil S.D, Mr. Sugare M.B worked as a resource person for the course
10.	To organized one day workshop Customer Awareness and Financial Literacy.	Department of Languages organized "One Day Workshop on Customer Awareness and Financial Literacy" is collaboration with National Stock Exchange under UGC-CPE programme on 18 January 2019
11.	To Organize refresher course in Botany	Proposal is sanctioned by Sciences Academies, it is organized in June 2019
12.	To organize one day workshop on Energy Management for UG & PG students	UGC-CPE Sponsored One Day Workshop on 'Energy Management' for Students of College on 7-9-2018.
13.	To construct the more digital classrooms	Eight Digital Class rooms are constructed with digital board and internet facilities.



14.	To Set up Science Research Foundation for Promoting interdisciplinary Research: 1) In life science (Dr. R.A. More) 2) In material science(Dr. L.V. Thakre)	Work is going on
15.	Two organize blood Donation Camp, Health Check-up Camp, Tree Plantation, Soil Test, Water Test Camp by NSS & NCC.	1)Health Check-up, Water testing, Soil Testing organized by- Dept. of Microbiology. 2) Tree plantation, campus cleaning Programme (NSS) 3) Blood Donation camp is organize on 27 Nov.,2018 (NCC)
16.	Two organize workshop on Biodiversity in Marathwada	Dept. of Zoology & Fishery Science, Dayanand Science College, Latur Organized one day UGC-CPE Sponsored skill development workshop on Biodiversity in Marathwada And Its Conservation On 16/02/2019
17.	To Organize Marathwada Mathematics Seminar Competition in for UG & PG student by Dept. of Mathematics	Seminar Competition conducted by RSC Latur
18.	To organize the Refresher Course in Botany under the sponsorship of "Indian Academy of Sciences", Bangluru	Organized the Refresher Course in Botany during 10 June to 24 June 2019 under the sponsorship of "Indian Academy of Sciences", Bangluru



19.	To start biometric attendance for UG - PG students as per the notice of state govt.	Started online attendance by the Mobile applications, biometric machine with different applications.
20.	To organize workshop on IPR and Entrepreneurship Development workshop for girls student- Prof. S.K. Alane.	Planned to organize this programme in next academic year in Sept.,2019.
21	To conduct the internal and external academic audit of Department on facilities Dr. A.M Chougule , Dr. J.A. Angulwar	Conducted internal academic audit
22.	To promote the research culture in UG, PG Student	Dayanand Education Society's announced 50,000/- rupees for innovative projects of UG, PG Students. It is sectioned to AshwariyaAndhare for this year.
23	To Complete the NAAC accreditation 3rd	Plan to submit IIQA up to 15 June 2019, SSR 10 July 2019, Peer team visit 15-16 September 2019. Formed NAAC Steering Committee and guidelines are provided 1) Criteria - I Dr. V.A. Chaudhari, Dr. S.S. Mahurkar 2) Criteria - II - Dr. C.S. Swami, Dr. J.A. Angulwar 3) Criteria - III - Prof. Y.P. Sarnikar, Dr. N.S. Korde 4) Criteria - IV -



		<p>Prof. M.M. Pandit, Prof. S.A. Jaju</p> <p>5) Criteria - V - Dr. L.V. Thakre, Dr. V.D. Mote</p> <p>6) Criteria - VI - Dr. R.V. Salunke, Shri. K.R. Bhise</p> <p>7) Criteria - VII - Dr. R.V. Kirtane ,Dr. R.A. More.</p> <p>Possible date of IIQA submission 15 June 2019, SSR 10 July 2019, Peer team Visit 15-16 September 2019</p>
24.	<p>Implementation of peer team's suggestion.</p> <ol style="list-style-type: none">1. IQAC may be made more proactive to enhance educational and research outcome, consultancy potential and mobilizing resources through Public Privet Partnership initiatives.2. Undertake women entrepreneurship development initiatives.3. Arrange for recruitment of teachers to optimize student: teacher ratio.4. ICT-based facilities including smart class rooms to be extended to all departments.	<p>All the suggestion of NAAC peer team has been fulfilled</p>



<p>5. More PG degree Courses and diploma / certificate course to enhance employability.</p> <p>6. Initiate steps to promote intrinsic talents of students in fine / performing arts and sports.</p> <p>7. Science Research Foundation should be set up for promoting interdisciplinary research.</p> <p>8. Provision for physically challenged persons should be provided.</p> <p>9. Modernization of boys hostel and students common rooms in the college need to be taken up on a priority basis.</p>	
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Strategic / Action plan and its Implementation Year 2019-20

Sr. No.	Action Plan	Implementation
1.	To apply the new Skill oriented courses of UGCUGC New Delhi under "KAUSHAL"	The approval list has been displayed on 25th July, 2019 on UGC website. (A) B.Voc. (3 years degree course) in Animation & Multimedia (B) Certificate course in (i) Mobile repairing (ii) Web Techniques & web development



		(iii) Basic Microbiological Techniques Proposal is submitted for getting approval to our parent university to start courses from academic year 2019 - 20.
2.	To submit the proposal for Star college	Our college has submitted a proposal to Department of Biotechnology, New Delhi under "Star College" scheme for getting financial findings to strengthen undergraduate departments for Rs. 2.09 Cr.
3	To complete the process of Energy audit	The College has undergo through Energy Audit process. The Energy audit is carried out by PCRA (Ministry of Petroleum). The report is getting finalized from PCRA and will be received in few days
4.	To increase the MOU with well-known institutions	Following MOU's are formed during the year (i) A MOU with MCED (Maharashtra centre for Entrepreneurship development) is formed to organize various Entrepreneurship activities for students & teachers. (ii) A MOU with Treezec E solution Pvt. Ltd. is formed to organize various training program workshop in Computer Science Department. (iii) MOU with Yogeshwari Mahavidyalaya, Ambajogai is formed to organize various academic activities with student/ faculty exchange Programmers. (iv) MOU with Kumarswami College, Ausa is formed to establish and exchange. Research based activities mutually beneficial for both institutions. Also fro student/faculty exchange program



5.	To organize workshop on syllabi	<ol style="list-style-type: none">1. Department of Chemistry “One day Workshop on Curriculum of B. Sc& M. Sc First year Syllabus” on 24.08.2019 in which Dr. N. S. Korde acts as coordinator and Dr. Y. P. Sarnikar acts as co-coordinator.2. 24th July 2019 One Day State Level Workshop on Recent Syllabi of Computer Science B. Sc. F.Y, B. Sc. (CS) F.Y
6.	To organize Career Opportunity for E-Learning and Training	One Day career counselling program is organized on Career Opportunity for E-Learning and Training by Mr. SurajKhandale (Director of Angel Infotech Aurangabad). He said E-Learning is one of the fastest growing sectors in the world. E-learning is already huge and is looking to complete revolutionize the educational sector. 31 participants get the benefit from this program
7.	To organize induction program on PHP for Computer Science UG students.	One Day Induction Program on PHP was organized by Department for the computer science. Mr Miller Khandhar, CEO of Pahila job.com was invited as a resource person for this program. 200 students were present for this induction program. The program was conducted on 22 July 2019 from 11:00 a.m. to 2:00 p.
8.	To organize 10 days programme on PHP	Under the training and placement cell Department of computer science organizes 10 days Training Program on PHP for BCS & BSC SY, TY and MSC FY, SY students. During 25th July 2019 to 3 August 2019 Ten Days Training Program on PHP Total 40



		students are participants of this training program. Mr. SurajKhandale was a trainer of this program.
9.	To conduct Social awareness programmes	<ul style="list-style-type: none">• NSS unit had conducted “Pledge for life – Tobacco free Youth” Programme in our college on 11 July 2019. A motivational video was shown to the students as per guideline given by NSS unit of S.R.T.M. University. Around 230 students had taken the pledge.• On the occasion of “Independence day” on 15 August 2019 the N.S.S. unit had conducted the cleanliness program in our college. . Also on this day NSS unit visited the Lal Bahadur Shastri School and celebrated the Rakshabandan with the students of the School and also distributed the fruits and educational kits to the students.• Our college N.S.S. Students are working as ‘YUVA MAHITI DOOT’ total102 students are enrolled for working as YUVA MAHITI DOOT out of which 24 students are eligible for the Digital Certificate from the Govt. of Maharashtra.• Our college N.S.S. Students are working as ‘YUVA MAHITI DOOT’ total 78 students are enrolled for working as YUVA MAHITI DOOT out of which 18 students are eligible for the Digital Certificate from the Govt. of Maharashtra.
10.	To conduct the internal and external academic audit of the college	<ol style="list-style-type: none">1. Internal academic audit is conducted.2. The college has undergone through external Academic Audit conducted by



		the S.R.T.M. University, Nanded during 2019-20. The academic audit report has been submitted to University under this external academic Audit College has been awarded 'O' grade with 94.85% of total marks and the college stood at the top of University list
11.	To organize workshop on "Onscreen evaluation"	Mathematics Department Organized one day District level workshop on "Teacher Training Programme Onscreen Evaluation" at Dayanand Science College Latur, during 21 Sept. 2019. Total 192 Teacher participants attended this workshop
12.	To organize workshop on "Online feedback, Mentor Mentee and Recourses in College"	Organized workshop on "Online Feedback, Mentor Mentee and Resources in College" at Dayanand Science College Latur, during 23-24 Jan. and 27 Jan. 2019 for UG and PG students. Total 650 student participants attended this workshop
13.	To Organize workshop on "Online Students Attendance Report, Online Mentor Mentee Report and online submission of ATR"	Organized workshop on "Online Students Attendance Report, Online Mentor Mentee Report and online submission of ATR" at Dayanand Science College Latur, during 30 Dec. 2019. Total 58 Teacher participants attended this workshop.
14.	To increase the participation of student in different Competition.	1. Participated in "18th Annual Seminar Competition" organized by Marathwada Mathematical Society at ShivajiMahavidhalayaUdgir, during 20 to 21 Jan. 2020 for UG and PG students. Total 06 student participated in this workshop



		<ol style="list-style-type: none">2. Pooja Bhise: Silver Medal Award for Second Meritorious Rank in M. Sc. Physics examination (2019-20) from S. R. T. M. University Nanded.3. Kadam Monika and P. B. Sarwade (M. Sc, II Year): Best Poster Presentation Award in International Conference on Functional Advances in Material Science (IAMS-2020) at RajeramraoMahavidhalayal, Jat, Dist: Sangola during 20-21 January 2020.4. Nitin gurude, S. L. Murukute, P. M. Pawar, Pravin. Kale, presented poster in International Conference on Functional Advances in Material Science (ICAMS-2020) at RajeramraoMahavidhyalaya, Jat, Dist: Sangola during 20-21 January 2020.5. Nitin gurude, S. L. Murukute, D. D. Kadam, P. M. Pawar, Pravin. Kale, presented poster in International Conference on Recent Advancement in physical and chemical Science at Sangola College, Sangola during 22 January 2020.6. Under computer science Forum Poster Presentation competition was conducted. 70 students from UG and PG were participated in this competition with blowing ideas and it is inaugurated by Dr.RavishankarBorgaonkar (Asso. Prof., from Norway) and Mahesh Patrike (Regional Coordinator, MKCL). Numbers are selected class wise
15.	To organize district Level RCMK	Organized Dist-Level "Ramanujan Competition of Mathematics Knowledge" organized by Marathwada Mathematical Society at Dayanand Science College,



		Latur, on the date 05 Jan. 2020 for UG and PG students. Total 97 student participated in this competition.
16.	Participation in International conference about	<p>1. Dr. L. V. Thakre :-</p> <ul style="list-style-type: none">• Keynote Speaker: Delivered an Invited Lecture as Keynote Speaker in International conference on “Global Meet on Condensed Matter Physics and Materials “A World of Opportunities Focus on the Prospect Advances in Condensed Matter Physics and Materials” on “structural, morphological and optical properties of Cd doped ZnS nanoparticles” scheduled during October 25-26, 2019 in the most exciting technological city Paris, France <p>2. Dr. V. D. Mote :-</p> <ul style="list-style-type: none">• Keynote Speaker: Delivered Invited Lecture as Keynote Speaker entitled “Investigation on structural, morphological, optical and magnetic studies of Mn doped ZnO nanoparticles” in International Conference on “Global Meet on Condensed Matter Physics and Materials “A World of Opportunities Focus on the Prospect Advances in Condensed Matter Physics and Materials” scheduled during October 25-26, 2019 in the most exciting technological city Paris, France.
17.	To conduct the Educational tour for students.	1. An educational tour for 29 M.Sc. Physics students along with four faculty members Dr. L. V. Thakre, Dr. V. D. Mote, Mr. L. H. Kathwate and



		<p>Miss. V. S. Chandak has been conducted during 15 February to 26 February 2020. During this period visited some research Institutes:</p> <ol style="list-style-type: none">1) Departments of Physics and Chemistry, Dr. B. A. University, Agra,2) Materials Science Research Laboratory, Inter University Accelerator Centre (IUAC), New Delhi,3) Department of Physics, Himachal Pradesh University, Shimla. <p>The students also visited many historical and heritage centres like, Taj Mahal, Agra Fort, Red Fort, Raj Ghat, Rock garden, Golden Temple, Wagh-Aattari Border etc.</p> <p>2. Department of Botany: Study tour to Yedshi - 17-9-2019.</p>
18.	To conduct the One Day Workshop on 'Mushroom Production Technology'	Department of Botany organized UGC-CPE Sponsored One Day Workshop on 'Mushroom Production Technology' on 28-9-2019. Coordinator: Dr. M. K. Gurme.
19.	To organize One Day Workshop on 'Intellectual property'	College organized UGC-CPE Sponsored One Day Workshop on 'Intellectual Property Rights: Indian Scenario' on 16-12-2019. Coordinator: Prof. S. K. Alane.
20.	To organize "Entrepreneurship Awareness Program"	Entrepreneurship Awareness Program in collaboration with MCED, Latur. During 31-12- 2019 to 2 -1- 2020. (Coordinator: Prof. S. K. Alane).
21	To Organize Computer Literacy programme	Computer science department organizes computer literacy program with title "Handling Techniques of Office



		<p>Automation". This is 5 days workshop from 20th June 19 to 25th June 2019 which includes hands on practical in MS-Word, MS-Excel, MS-Power point and Internet Use. 25 non-teaching staff were benefited by this literacy program</p>
22.	To conduct the career opportunity programme	<ol style="list-style-type: none">1. One day Career Counseling program was organized by computer department which was held on 13th July 2019. 30 students of BSC and B.Sc. (CS) were participated in this program. The program was well conducted by renowned career counselor Mr. SurajKhandale.(Director of Angel Info-tech Aurangabad). Under E-learning environment he explained about MOOC (Massive Open Online Course).2. To compete with the recent technology, computer science department organizes "Induction Program on PHP" dated on 22nd July 2019, which motivates to B.Sc. (CS), BSC, M.Sc.(CS) students. The main aim of this program is how to focus on New technology, how to get training, technology market values and projects. Near about 128 student attended this program and get motivated to enroll for 10 days program for PHP3. This was 10 days training program for students organized by Computer science program under UGC and CPE skill development program to give basic knowledge of the robot and make aware the students about Artificial



		<p>Intelligence. 26 students from B.Sc. and B.Sc. (CS) were participated in this workshop</p> <p>4. In association with Deogiri College, Aurangabad (IT and Animation Dept.) organizes state level C programming Competition. 118 students participated for this competition, amongst them 10 students shortlisted for medals and certificate and top 3 students received trophy, medal and certificate in first round. Shortlisted students are invited for second round at Deogiri College</p>
23	To organize workshop on "Emerging Areas in Computer Science and Opportunities"	Department of Computer science organized one day workshop on "Emerging Areas in Computer Science and Opportunities" on 18th December 2019
24.	To conduct the workshop on "carrier Opportunities in life Sciences"	Department of Microbiology conducted One day workshop on Carrier Opportunities in Life Sciences. Date 11.01.2020 Participants: 156
25.	To conduct the National Level Training cum workshop on Proteomics, Genomics and Bioinformatics.	Department of Microbiology conducted Three days National Level Training cum workshop on Proteomics, Genomics and Bioinformatics. From 24 to 26 Feb 2020 participants- 137
26.	To organize Ph.D. Course work in mathematical Science.	Mathematics Department Organized fiftendays workshop on "Online Ph.D. Course works" at Dayanand Science College Latur, during 10-25 June. 2020. Total 17 Ph.D. Students and Teacher participants attended this workshop



27	To complete the NAAC cycle III	Planned to Complete the NAAC cycle in March 2020.
28	To conduct the seminar on " How to take online lecture in COVID-19 situation"	Dr. S. S. Bellale Conducted this seminar in online live mode on the date 30.04.2020. Nearly about 1200 Participants 'attended this Seminar. https://youtu.be/Sh6cdou-4d8
29	To conduct the seminar in Examination Pattern in COVID-19	Dr. S. S. Bellale Conducted this seminar in online live mode on the date 24.05.2020. Nearly about 8000 Participants 'attended this Seminar. https://youtu.be/WNeBYzmaGpY

Strategic / Action plan and its Implementation Year 2020-21

Sr. No.	Action Plan	Implementation
1.	To starts New PG Courses in Botany, Zoology and B.Sc. Biotechnology	These courses are sanctioned by state Govt. of Maharashtra and started for the year 2021-2022
2.	To organize international conference in Mathematics	Department of Mathematics Organized Dist-Level "International e-Conference on Nonlinear analysis and it's Applications" organized at Dayanand Science College, Latur, on the date 27-29 July 2020 for UG and PG students. Total 306 participated in this competition
3	To Organize workshop on Quantum Mechanics	Department of Physics is going to organize 3 days on-line workshop on Quantum Mechanics & Electronics, During 1 - 3 Jan. 2021 in Collaboration with Indian Academy of Sciences, Bangalore



4.	To organize online International Conference on "Material Science and Nanotechnology"	Department of Physics organized 3 days on-line International Conference on "Material Science and Nanotechnology" during 17 - 19 Dec, 2020. About 170 Participant from India and Abroad participated this workshop
5.	To organize workshop on LaTeX for UG and PG students	Department of Computer science organizes virtual 5 days e-Workshop on Latex conducted From date 11th August 2020 to 15th August 2020
6.	To prepare Video lectures of UG and PG students	The faculty members developed 900 video lectures on UG and PG curriculum which are made free for all the students of this and other Universities.
7.	To Conduct the seminar on SRTMUN Examination Online Pattern.	Department of Mathematics Organized this seminar on 13.09.2020. Nearly about 4000 participants attended this seminar. https://youtu.be/3kOdRF4-Kyg
8.	To submit the proposal for DBT-STAR College Scheme.	College has submitted a proposal for department of Biotechnology New Dehli for Rs. 1 Cr 15 Lakhs to cover Physics, Electronics, Computer Science, Microbiology, Chemistry, Ind. Chemistry, Department in DBT - STAR College Scheme.
9.	To submit the proposal for Green Championship award	College has received "One District One Green Championship Award" from Mahatma Gandhi National Council of Rural Education (MGNCRE), Department of Higher Education, Ministry of Education, Govt. of India with cash price of Rs. 5000/-. Our college is only one college in our University to receive this award.



10.	To Organize the Webinar series by the computer department	UGC-CPE Sponsored Fifteen days Webinar Series Program was organized by department of Computer Science held within 4th Jan 2021 to 24th Jan 2021. Mrs. Jaju S. A. and Miss. N. R. Shindewas the program Co-Ordinator of this webinar series. Around 233 students from B.Sc., B.Sc.(CS) FY,SY,TY, and M.Sc. (CS) FY,SY and faculty of the computer science department attended the program
11.	To Organize Ph.D. Course in Mathematical Sciences.	Mathematics Department Organized one day workshop on "Online Ph.D. Course works" at Dayanand Science College Latur, during 24 May to 09 June 2021. Total 13 Pd.D. Students and Teacher participants attended this workshop
12.	To organized online workshop on Project writing.	Mathematics Department Organized University Level "Online Workshop on Project writing for PG students" organized at Dayanand Science College, Latur, on the date 31 May 2021, for UG and PG students. Total 246 PG students participated in this competition
13.	To organize online Debate competition.	Dr. K. S. Gomare Organized Debate competition was on the Topic "Online Teaching: Good or Bad" and topic for Eloquence competition was "Use of ICT in Education Times Need." Date : 27 February, 2021
14.	To Celebrate World Environment Day with different activities.	Dr. K. S. Gomare Organized World Environment Day, Go Green, Green Talks Competition Date: 05-06 June 2021.



Strategic Plan for the year 2021-2022

1. To prepare academic calendar and action plan of the college for the year 2021-22, under the situation of COVI-19.
2. To organize Five Day e-workshop on "LATEX" sponsored by UGC-CPE was organized by department of computer science -Dr. M. B. Pandge.
3. To organize of guest lectures for PG students -Dr. S. S. Mahurkar&Dr. J. A. Angulwar
4. To organize Computer Literacy Program 30 Non-Teaching staff from Dayanand Science College, Latur - Miss. K. V. Kadam
5. To Organize of Lecture workshop for faculty & students - Dr. Y. P. Sarnikar&Dr. S. S. Mahurkar
6. To Organize Computer hardware networking workshop 50 UG Students From BSC and BCS (Mrs. N. R. Shinde)
7. To organize Computer Literacy Program 30 Non-Teaching staff from Dayanand Science College, Latur -Miss. K. V. Kadam.
8. To organize WachanPrerana Din -Miss. M. M. Pandit, Dr. G. H. Bane, Dr. R. R. Shetkar.
9. To organize Skill development activity for graphics designing and photo editing 40 students from BCS Sy and BSC Sy -Miss S. V. Kale.
- 10.To organize development of e-learning content for teaching staff workshop 50 Teaching faculty from other college and DSCL - Mr. V. G. Kulkarni.
- 11.To organize 20thMMS seminar completion in Mathematics for UG and PG students- Prof. P. V. Mule.



12. To organize of hands on programme for school students -Dr. Y. P. Sarnikar&Dr. R. S. Shinde.
13. To organize National Mathematics Day -Prof. S. V. Hengne.
14. To organize Guest Lecture on Communication Skills - Miss. M. M. Pandit.
15. To organize To Organize ICT based teaching tools activities workshop 50 Teaching faculty from other college and DSCL -Mr. M. B. Sugare.
16. To organize programme on Marathi BhashaSanvardhanPansharwada - Dr. R. R. Shetkar.
17. To conduct Ramanujan Mathematics Competition and Madhava mathematics completion -Prof. B. A. Gadave.
18. To organize programs on Awareness of ethical values workshop 200 Students and Teachers from other college and DSCL.
19. To organize Swayam - NPTEL awareness program for UG & PG students -Dr. R. S. Shinde&Dr. S. S. Mahurkar.
20. To Organize Workshop on Mushroom Cultivation.
21. To conduct Guest Lecture for UG students in Physics & Electronics & PG students in Physics.
22. To organize Industrial Visit to Mushroom Cultivation Plant.
23. To organize of Industrial Visit - Mr. r. K. Jadhav&Dr. A. M. Chougule.
24. To Organize of Educational tour for UG students -Dr. J. A. Angulwar&Dr. S. N. Ibatte.



25. To organize workshop on Air quality of Latur City for B.Sc. I, II, III students- Department of Industrial Chemistry.
26. To organize one day visit to NAMP monitoring for B.Sc. II students.- Department of Industrial Chemistry.
27. To Organize there Day Workshop on Fine Arts- Prof M. M. Pandit.
28. To celebrate MarahtiBhasha Gaurav Din - Miss. M. M. Pandit, S. S. Shetkar.
29. To organize online Quiz competition for science students on Science day- Prof S. A. Jaju.
30. To organize of Poster presentation competition and workshop for UG and PG students -Dr. S. N. Ibatte&Dr. N. A. Kedar.
31. To organize 15 days' workshop on Ph.D. Course Work Summer - 22 - Dr. S. S. Bellale
32. To organize seminar on "Career Opportunity for E-Learning and Training" by Department of Computer Science
33. To organize seminars for PG students in Mathematics.
34. To organize one day workshop on "Energy Awareness and Management" in the subject of Botany.
35. To organize "National workshop on Intellectual Property Rights (IPR)" for teacher, researchers two workshops on Intellectual Property Rights IPR for UG and PG students by the Department of Botany - Prof. S.K. Alne.
36. To organize one day workshop on "Entrepreneurship Awareness Program" by the Department of Botany.



37. To organize study tours for observation of "Induced breeding" of major carps Department of Zoology.
38. To organize workshop and training program "Android" by the Department of Computer Science.
39. To organize Poster Presentation Competition and Immunological-Rangoli Competition by the Department of Microbiology.
40. To organize national conference on "Recent Trends in Microbiology" by the Department of Microbiology.
41. To organize health Chekup camp and pulse polio campaign, Cleanness drive Celebration of Kargildiwas , Tree plantation, Yoga day, etc by the Department of NCC and NSS.
42. To start add-on program / training program / Certificate program during 2021-22 for 40 hours. (Submit for CDC permission)

Sr.No.	Department	Program name	Coordinator
1.	Department of Mathematics	LaTex Training Program for PG students	Prof. Bapu Gadve
2	Department of Zoology	Aquarium preparation and maintenances, ornamental fishes study	Dr. S.B. Jadhav
3	Department of Electronics	PCB Design	Dr. L. V. Thakre
4	Department of Computer Science	Obstacle Detection Robotics	Dr. R. V. Shinde
5.	Department of Industrial Chemistry	Awareness of Air Pollution	Dr. R. K. Jadhav
6.	Department of Botany	Food processing	Prof. A. S. Kamble
7.	Department of Microbiology	Basics in Microbiological Techniques	Dr. R. V. More



8.	Department of Physics	Material Science and Nanotechnology	Dr. V. A. Chaudhari
9.	Department of Physics	Soil Analysis	Dr. S.N. Ibate

43. To organize national workshop on “Development of E-contents in Higher Education” -Dr.R.S. Shinde, Dr. J.A. Angulwar.
44. To organize National workshop on “Effective learning through MOOC’s” and “Moral values, Ethics and Spirituals in Education” - Dr.R.S. Shinde, Dr. J.A. Angulwar.
45. To organize Lecture workshop on the occasions of National Wild Life Day by Department of Zoology.
46. To organize Field zoology workshop on biodiversity conservation by Department of Zoology.
47. To organize 3 days workshop on Skill enhancement course on Vermiculture/ Apiculture/ Aquarium Keeping.
48. To start the new courses sanctioned by state government, M. Sc.- Botany , Zoology, B. Sc- Biotechnology.
49. To complete the NAAC Accreditation Cycle 3rd.

Outcomes as per strategic plan of the year 2021-22.

1. Mathematics Department Organized “Online Ph.D. Course works” at Dayanand Science College, Latur. During 10.09.2021 to 25.09,2021. Total 14 Ph.D. Students and Teacher participants attended this workshop.
2. Mathematics Department Organized “Online Ph.D. Course works” at Dayanand Science College Latur, during 15.04.2022 to 31.05,2022. Total 08 Ph.D. Students and Teacher participants attended this workshop.
3. Mr. R. M Reddy, Principal, Govt. Degree College Dharpally, Nizamabad, Telangana has completed Ph.D. Degree under guide ship of Dr. S. S. Bellale.



4. Mathematics Department Organized “Seminar Competition” at Dayanand Science College, Latur on 17-18 December - 2021. Total Participants Students 39 and toppers are :-

1. Somwanshi Hema Dnyaneshwar - First
2. Jadhav Gauravi Satyawar - Second
3. Shinde Aditi Shradrao - Third
4. Bharti Omkar Keshav - Third

5. Mathematics Department Organized “Math Quiz Competition” (For School Students) at Dayanand Science College Latur on 18 December - 2021. Total Participants Students 40 in 10

Schools and top schools are :-

1. Sant Tukaram National Model School, Latur - First
2. Christ International School, Ahemedpur - Second
3. Podar International School, Latur - Third

6. Mathematics Department Organized “Math Quiz Competition” (For B.Sc. & M.Sc. Students) at Dayanand Science College Latur on 21 December - 2021. Total Participants Students 45

Divided in 9 groups and toppers are :-

Group Ist - Deshmukh Rutuja, Andhare Aishwarya, Chakurkar Sakshi, Hallale Vaishnavi.

Group IInd- Jadhav Sambhaji, Mithapure Saurabh, Mali Dnyaneshwar, Badgire Aniket.

Group IIIrd- Jadhav Pandit, Bochare Vaijnath, Ingale Gaurav, Janmate Pradip.

7. Mathematics Department Organized “Welcome Function for B.Sc. Ist” at Dayanand Science College Latur on 22 December - 2021.

8. Mathematics Department Organized “Welcome Function for M.Sc. Ist” at Dayanand Science College Latur on 22 December - 2021.

9. Mathematics Department Organized “Poster Presentation Competition” at Dayanand Science College Latur on 22 December - 2021. Total Participants Students 15 and toppers are:-

1. Chakurkar Sakhsi - First
2. Mithapure Saurabh - Second
3. Patel Inaas - Third



10. Mathematics Department Organized "National Mathematic Day" at Dayanand Science College Latur on 22 December - 2021.
11. To organize Five Day workshop on "LATEX" sponsored by UGC- CPE was organized by department of Mathematics.
12. Two days National Workshop on "Basic Bioinformatics" Resource person's 1. Dr. Rohan Meshram, Bioinformatics centre, SPPU, Pune. 2. Dr. Ashish Gulwe, Dept. of Bioinformatics, S.R.T.M.U.N. Sub center, Latur. Date: 27-28 August 2021, Participants: 330 (Program Coordinator- Dr. M.A.Karale).
13. One day National e-workshop on "Scientific Writing and Presentation skills" Guest: Prof. Girish Kukreja, Dept. of Microbiology, New Arts, Commerce & Science College, Ahmednagar Date: 30 Sept.2021, Participants: 301 (Program Coordinator- Dr. M. A. Karale).
14. One day workshop in collaboration with Greenex Environmental on Best Practices in Environment Monitoring. Date: 06th Sept. 2021, Participants: 72 (Program Coordinator- Dr. K. S. Gomare).
15. Celebration of International Microorganism Day with Webinar on Future Key and Scope for the Identification of Microorganisms. Date: 18th Sept. 2021, Participants: 195 (Program Coordinator- Ms. S. V. Madane).
16. Career Guidance programme on What after 12th Science? Date 11 Oct. 2021 Participants: 90 (Program Coordinator- Ms. S. V. Madane).
17. One Day Webinar on Biotechnology: Today & Tomorrow on the occasion of Biotechnology Day-2021. Date: 14th November, 2021, Participants: 132 (Program Coordinator- Dr. K. S. Gomare).
18. Organised one day seminar on career guidance on "Kar lo Duniya Muthhi me" of Lokmat Grooming Session of Lokmat Media Latur. Date: 28th Oct. 2021 (Programme Coordinator - Dr. K.S. Gomare)
19. Organized a Virtual 3 days Lecture Workshop in collaboration with IASc Bengaluru on Fundamental Chemistry for B.Sc. IIIrd year students between 23 - 25 Oct. 2021.
20. Organized a Virtual Workshop on the Scope of revised (CBCS) curriculum of B.Sc. IIIrd Year Chemistry and allied subjects in collaboration with SRTMU Nanded on 18 Oct. 2021.
21. Organized "Online Webinar on Environmental cleanliness and energy



- conservation” for all Teaching and Non-teaching staff under Dayanand Education Society, Latur on 14th July 2021.
22. Organized “Online Webinar on ‘Intellectual Property Rights’ for Teaching Staff under Dayanand Science College, Latur on 28th August 2021.
 23. Organized “One Day Webinar on “Population Ecology” for the students of B.Sc. IIIrd and M.Sc. Ist year in Dayanand Science College, Latur on 22nd October 2021.
 24. Handmade Poster Presentation Competition on occasion of Energy Conservation Week On 18/12/2021 Coordinator - Miss. A. S. Kamble No. of Participants - 24
 25. Workshop on Energy Conservation and Management on 20/12/2021 (Chief Guest: D. V. Kulkarni, Divisional General Manager MAHAURJA, Latur; Resource Person: Mr. Kedar Khamitkar, PCRA Faculty) Coordinator - Miss. A. S. Kamble No. of Participants - 108
 26. Organized online guest lecture of Dr. Dilipkumar Gunjarage (Jaikranti College, Latur) on the occasion of ‘Hindi Din’ on 16 September 2021.
 27. Organized ‘Youth Day’ and Jijau Jayanti were celebrated with poster presentation activity on 12/1/2022
 28. Organized Marathi Wachan Katta Programme in accordance with Marathi Bhasha Sanvardhan Pandharawada on 21/1/2022.
 29. The Department of Physical Education and Sports and Patanjali Yogpeeth Haridwar, Branch Latur jointly organized a ten day Value added Online Yoga Course “Yoga at Home Yoga with Family” from 11th August 2021 to 20th August 2021. With a total of 52 teachers, Non-teaching staff and family members from the College wear participated in this yoga course. .
 30. The Department of Physical Education and Sports and Patanjali Yogpeeth Haridwar, Branch Latur jointly organized a ten day Value added Online Yoga Course “Yoga connects with youth” from 01 September 2021 to 10 September 2021. With a total of 69 students from the College wear participated in this yoga course.
 31. In the first session, students of our College participated in the Volleyball, Basketball, Athletic, Cross country, Cricket, Chess etc. inter-collegiate



- sports competitions.
32. On dated 25 September 2021 department of NSS organised “Azadi Ka Amrit Mahostav” in collaboration with NCC. By taking Fit India Freedom design competition by volunteers.
 33. On dated 26 October 2021 department of NSS in collaboration with Latur Municipal Cooperation organised “Mission Yuva Swastha Covid -19 Vaccination camp” in department of Chemistry in that 34 students have been vaccinated.
 34. Organized Constitution Day Celebration programme. Total 19 students and 09 teachers and 14 Nonteaching staff participated in the programme.
 35. Organised 7 days combined annual training camp in collaboration with MH 53 battalion for 68 cadets of Dayanand Science College, Dayanand College of Arts & Dayanand College of Commerce during 15 to 21 November, 2021.
 36. Organized A Guest lecture on topic ‘Cycle of Life and Organic matter degradation’ on the occasion of Sir Sergai Winogradasky on 25.02.2022 Co-ordinator Dr. S. G. Chaudhari.
 37. Organized Two days National Webinar on ‘Advances in Microbiology’ on 28feb & 1st March 2022 Co-ordinator Miss. S. S. Dhutekar.
 38. Industrial Chemistry Department organized opening ceremony programme of Industrial Student Association by auspicious hand of Dr.Vivek Bulbule on 31/12/2021.
 39. Department of Chemistry and Ind. Chemistry organized Glassware Exhibition and Industrial Manufacturing Poster presentation on 06.01.2022 inaugurated by Miss. Trupti Andhare (Education Officer, Latur).
 40. Dayanand Science Mazi Vidyarthi Foundation organised Carrier guidance lecture of Dr. Vivek Bulbule (Senior Process Chemist, University of Washington USA) for U.G and P. G. students.
 41. Yuwati Kalyan Mandal, Dayanand Science College, Latur organized one day workshop on Financial Education for executives on 22/11/21 Monday at 4pm in Seminar Hall for all teaching and Nonteaching Staff of Dayanand Science college .Total 111 participates took advantages of this workshop.



42. To create awareness about women education important, Yuvati Kalyan Mandal was organized one day webinar on Women Empowerment: Present Scenario (Issues and Challenges in Education and Society) on 13/01/22 on Thursday at 3pm On Microsoft app for all UG and PG Students of DSCL.
43. To create awareness about Covid 19 among society, Yuvati Kalyan Mandal organized Street Play On “Covid 19 Awareness : Precaution, Prevention and Vaccination” on 7/02/22 Monday at 10 am-5.00pm in Different rural area of Latur city.
44. Following add-on courses were conducted during 2021-2022

Sr. No.	Departments	Course	Name Co-ordinators
1	Department of Mathematics	MATLAB Training Course	MATLAB Training Course
2	Department of Mathematics	LaTex Training Programme	Mr. S. V. Hengne
3	Department of Computer Science	Obstacle Detection Robotics	Miss. S. A. Jaju
4	Department of Chemistry	Soil Testing and analysis	Dr. S. N. Ibatte
5	Department of Sports	Yoga Connect with you	Dr. M. A. Bembade
6	Department of Sports	Yoga at Home with Family	Dr. M. A. Bembade

45. ISO certification date is renewed for further three years up to 2025.



Strategic Plan for the year 2022-2023

1. To start the Add-on courses, Aquarium preparation- Zoology, PCB Design-Electronics, Food Processing-Botany, Basics in Microbial Techniques- Microbiology, Three courses are not conducted in 2021-22, decided to conduct in the year 2022-23.
2. To increase in research funding and research project, committee decided to apply for the project to the DST, SERT, and CSIR etc. Funding agencies & also towards the university. It is made compulsory for the research guides and Ph.D. holder faculty to apply for funding's during 2022-23
3. Discussion is made on the analysis of feedback from stakeholders on curriculum and will be displayed on the college website after putting in the CDC meeting.
4. It is decided to conduct the meetings of College committee (portfolio 2022-23) co-ordinator should take minimum four meeting in the each Academic Year of their respective committee. Co-ordinator should keep the record up to the next NAAC accreditation cycle (4th cycle).
5. Decided to organize international conference by the Dept. of Chemistry and Physics in 2022-23. Also by the Department of Botany, Zoology and Microbiology during 2023-24.
6. Decided to organize activity's under each MOU's and collaboration's - Dr. R. V. Salunke.
7. To organize Computer Literacy Program for Non-Teaching staff of Dayanand Science College, Latur - Miss. K. V. Kadam
8. To organize of Lecture workshop for faculty & students - Dr. Y. P. Sarnikar & Dr. S. S. Mahurkar
9. To organize Computer Hardware Networking workshop. 50 UG Students from B.Sc. and BCS (Mrs. N. R. Shinde)
10. To organize Wanchan Prerana Din -Miss. M. M. Pandit, Dr. G. H. Bane, Dr. R. R. Shetkar.
11. To organize skill development activity for graphics designing and photo editing. 40 students from BCS IInd and B.Sc. IInd (Miss S. V. Kale).
12. To organize development of e-learning content for teaching staff workshop. 50 Teaching faculty from other college. - Mr. V. G. Kulkarni.
13. To organize Poster Presentation, Seminar Competition on occasion of



- National Mathematics Day - Prof. S. V. Hengne.
14. To organize programme on Marathi Bhasha Sanvardhan Pansharwada - Dr. R. R. Shetkar.
 15. To organize programs on Awareness of ethical values workshop 200 Students and Teachers from other college and DSCL.
 16. To organize workshop on Air quality of Latur City for B.Sc. I, II, III students- Department of Industrial Chemistry.
 17. To organize online Quiz competition for science students on Science day- Prof S. A. Jaju.
 18. To organize of Poster presentation competition and workshop for UG and PG students -Dr. S. N. Ibatte&Dr. N. A. Kedar.
 19. To organize 15 days' workshop on Ph.D. Course Work Summer – 22 -Dr. S. S. Bellale.
 20. To organize seminar on “Career Opportunity for E-Learning and Training” by Department of Computer Science.
 21. To organize one day workshop on “Energy Awareness and Management” in the subject of Botany.
 22. To organize “National workshop on Intellectual Property Rights (IPR)” for teacher, researchers two workshops on Intellectual Property Rights IPR for UG and PG students by the Department of Botany - Prof. S.K. Alne.
 23. To organize one day workshop on “Entrepreneurship Awareness Program” by the Department of Botany.
 24. To organize Poster Presentation Competition and Immunological-Rangoli Competition by the Department of Microbiology.
 25. To organize national conference on ‘Recent Trends in Microbiology’ by the Department of Microbiology.
 26. To organize health Check-up camp and pulse polio campaign, Cleanness drive Celebration of Kargildiwas , Tree plantation, Yoga day, etc. by the Department of NCC and NSS.
 27. To start add-on program / training program / Certificate program during 2022-23 for 40 hours. (Submit for CDC permission)



Sr. No.	Departments	Course	Name Co-ordinators
1	Department of Mathematics	MATLAB Training Course	Dr. S. S. Bellale
2	Department of Mathematics	LaTex Training Programme	Mr. S. V. Hengne
3	Department of Zoology	Aquarium preparation	Dr. R. V. Solunke
4	Department of Electronics	PCB Design	Dr. L. V. Thakre
5	Department of Computer Science	Obstacle Detection Robotics	Miss. S. A. Jaju
6	Department of Industrial Chemistry	Awareness of Air pollution	Mr. R. K. Jadhav
7	Department of Botany	Food Processing	Miss. A. S. Kamble
8	Department of Microbiology	Basics in Microbiological Techniques	Dr. R. A. More
9	Department of Physics	Material Science and Nanotechnology	Dr. V. A. Chaudhari
10	Department of Chemistry	Soil Testing and analysis	Dr. R. S. Shinde
11	Department of Compute Science	Training Programme on GUI by python	Dr. R. B. Shinde
12	Department of Sports	Yoga Connect with you	Dr. M. A. Bembade
13	Department of Sports	Yoga at Home with Family	Dr. M. A. Bembade

28. To organize National workshop on “Effective learning through MOOC’s” and “Moral values, Ethics and Spirituals in Education” -Dr. R. S. Shinde, Dr. J.A. Angulwar.
29. To organize 3 days workshop on Skill enhancement course on



- Vermiculture/ Apiculture/ Aquarium Keeping.
30. To start the new courses in M.Sc. Industrial Chemistry sanctioned by state government, from the Academic Year 2022-2023.
 31. To start IIT JAM special guidance cell in the college by Dr. Y. P. Sarnikar.
 32. To organize Hands on programme for school students during 22-24 Sept. 2022 – Dr. Y. P. Sarnikar and Dr. R. S. Shinde.
 33. To organize Swayam NPTEL Awareness programme for UG and PG Students (Dr. S. S. Mahurkar & Dr. R. S. Shinde)
 34. To organize national level lecture workshop by science academy Dr. N. S. Korde and Dr. Y. P. Sarnikar
 35. To organize Quiz Competition and SA writing on occasion of birth anniversary of redone scientist of Koichi Tanaka, Alexander Fleming.
 36. To organization of cultural competitions on the occasion of Annual Gathering during Jan. / Feb. 2023.
 37. To organize NPTEL Awareness programme for UG & PG Students (Miss. S. V. Madane & Miss. A. A. Bidkar) during Jan. 2023.
 38. To organize National Workshop on advances in molecular techniques Collaboration with Microbiology Society, India by Dr. M. A. Karale.
 39. To organize National Workshop on advance instruments in Collaboration with Microbiology Society, India by Miss. P. A. Sonsale.
 40. To organize National Conference on Advances in Microbiology by Miss. S. D. Patil
 41. To organize National Workshop on Molecular Biology Techniques in Collaboration with HI media Pvt. Ltd. And Microbiology Society, India (Dr. M. A. Karale & Miss. S. S. Dhutekar)
 42. To organize guest lecture on occasion of National Wild Life Day – 04 Sept. 2022 by G. N. Nogja.
 43. To organize field Zoology workshop on Biodiversity Conservation 10 Nov. – Jan. 2023 by Dr. R. V. Solunke.
 44. To organize 3 days' workshop on skill enhancement course of Vermi Culture / Apiculture / Aquarium Keeping (Mr. G. N. Nogja & Miss. R. C. Shinde).



Perspective Plan 2022-2027

Sr. No.	Perspective Plan
1.	To adopt for NEP-2020 from June 2023 and to start the new programmes and courses as per the guidelines of NEP 2022
2.	To submit the proposal for autonomy or Cluster College in the institution
3.	To construct the Science centre to enhance practical based knowledge all branches of science
4.	To construct the ISRO exhibition hall
5.	To construct or renovate physical facilities as per the UGC-Institutional Development Plan as per additional enrolment of students
6.	To start the research centres in the subject of Astrophysics, Botany, Zoology, Fishery, Industrial Chemistry and Sport
7.	To submit the proposal for PG courses in the subject of Fishery Science and Electronics
8.	To organize International Conferences in each subject Botany, Zoology, Fishery, Industrial Chemistry and Sport one by one in the next upcoming 5 years.
9.	As per the local society need plan to submit the proposal for additional UG class division and Computer based courses.
10.	To organize Short term courses and refresher courses for the faculty members of our and other colleges.
11.	To Organise "National Level Avishkar Research Festival" at the Dayanand Science College in Collaboration with S.R.T.M. University, Nanded
12.	To construction of 10 additional ICT based lecture halls, one and 5 Computer Labs
13.	To Establish Science outreach centre
14.	To develop teaching learning centre (TLC)
15.	To start Maharashtra State faculty Development Academy (MSFDA) knowledge centre.



26.	Submit the proposal for Major Research Project to UGC or DST by the following faculty members to UGC & DST and other different schemes. 1) Dr. C.S. Swami (Botany) 2) Dr. R.V. Solunke (Zoology) 3) Dr. N.S. Korade (Chemistry) 4) Dr. M.A. Bembade (Physical Education) 5) Dr. V.D. Mote (Physics) 6) Dr. R.V. Kirtane (Zoology) 7) Dr. V.A. Choudhari (Physics) 8) Dr. L.V. Thakre (Physics)
27.	Regular appointment of teaching staff <ul style="list-style-type: none">• Training and placement cell needs to be enriched• Institute can go for autonomy• Skill development and vocational courses could be introduced• More carrier oriented courses can be started and research centres could be established
28.	To increase Number of Research journals, e-journals in library and reddening room in the subject of Mathematics, Physics & Microbiology, Botany, Computer Science, Zoology, Biotechnology,
29.	To Construct Youtube Studio Centre with all recent digital recording facilities
30.	To Construct dram hall as per the guidelines UGC IDP
31.	To submit Minor Research Project to UGC before 31st July 2024 by the following faculty members. 1) Prof. R.K. Jadhav (Chemistry) 2) Prof. G.H. Bane (Hindi) 3) Prof. K.R. Bhise (Library) 4) Prof. M.M. Pandit (English) 5) Prof. V.D. Gaikwad (Mathematics) 6) Prof. J.A. Angulwar (Chemistry) 7) Prof. S.N. Ibate (Chemistry)



32.	As per the need of local society to construct the Boys Hostel and Girls Hostel to increase the capacity of the students.
33.	To construct the animal house for the purpose of research in Zoology, Fishery and Microbiology
34.	Apply for Government of India offers many schemes through which funding can be availed to start a Community College, Government of India (HRD Ministry, etc.) also has many schemes for funding.
35.	To arrange the Alumni Association Meetings two in a year :- Dr. Y. P. Sarnikar. i) To increase enrolment of Alumni and their contribution :- Prof. B. M. Suryawanshi
36.	To organise 10 days computer training program in each academic year for non-teaching staff on "Use of computer in Laboratory" by the department of computer science for the purpose of soft handling of updated software 1) Dr. R. B. Shinde 2) Prof. S.S. Jaju.
37.	To organize five three workshop on "NEP - 2023" by IDP expert committee. 1) Dr. Y. P. Sarnikar 2) Dr. S.S. Bellale
38.	To organize at least one Inspire Science Camp in each year for the enrolment of meritorious students in the basic sciences.
39.	To organize 15 days' workshop on Vigyan Munch Camp to promote school level students toward research every year
40.	To take online or offline feedback from students on teachers at the end of each year for improvement the teaching and learning process. Analyses the feedback and inform the suggestions of student to the correspond teachers.
41.	To take online or offline feedback from students on college at the end of each year for improvement the academic and administrative practices. Analyses the feedback and inform the suggestions of student to the correspond administrator.
42.	To take online or offline feedback from stackholders on syllabus at the end of each year for improvement and updating of



	curriculum. Analyses the feedback and inform the suggestions of student to the correspond BOS.
43.	To conduct the PPT presentation of the teaching staff on “Academic improvement and Role in college development” in each year in the month of June for the purpose of the improvement in faculty.
44.	To start the career oriented certificate courses which are job oriented and which fulfils current and local needs of the industry and society.
45.	To start the career oriented add-on courses which are job oriented and which fulfils current and local needs of the industry and society.
46.	One add on or COC course should run by each Department.
47.	To organize Lecture workshops for PG students in collaboration of Science Academy Bengaluru.
48.	To Set up Science Research Foundation for Promoting interdisciplinary Research.
49.	Two organize workshop on Biodiversity for Marathwada region
50.	To organize University level workshops in the college based on changes in curriculum.
51.	To organize seminar on “Career Opportunity for E-Learning and Training” by Department of Computer Science.
52.	To organize one day workshop on “Air Quality Awareness” by the Department of Industrial Chemistry
53.	To organize “Pledge for life - Tobacco free Youth” Programme in our college
54.	To organize Training and Coaching camp for Badminton , Cricket, Basketball, Baseball, Softball and Table tennis by the Department of Sport
55.	To conduct the State level National level sports tournaments in the campus.
56.	To construct the Pavilion cricket ground as per the International level norms.



57.	To organize workshop on NPTEL/SWAYM etc. online courses and promote the students to apply these online courses in Subject
58.	To organize "National workshop on Intellectual Property Rights (IPR)" for teacher, researchers two workshops on Intellectual Property Rights IPR for UG and PG students by the Department of Botany
59.	To organize one day workshop on "Energy Awareness and Management"
60.	Department of Mathematics Organized Ph. D. Course work for Ph. D. Student of SRTMUN.
61.	To organise the different workshops for student and faculty of our colleges and other colleges based on the future upcoming technologies
62.	To conduct the different programmes, workshops, and constructions as per the future need time to time.
63.	To complete the NAAC accreditations subsequent cycles time to time and implement suggestions given by peer team committee.


IQAC - Coordinator
Dayanand Science College,
Latur, M.S. (INDIA)




Principal
Dayanand Science College
LATUR 413512