YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution   Dayanand Science College, Latur

- Name of the Head of the institution   Dr. Jaiprakash Shivprasad Dargad

- Designation   Principal

- Does the institution function from its own campus?   Yes

- Phone no./Alternate phone no.   02382222929

- Mobile no   09403970550

- Registered e-mail   daya_scin1@rediffmail.com

- Alternate e-mail   iqac.dscl@gmail.com

- Address   Barshi Road, Latur

- City/Town   Latur

- State/UT   Maharashtra

- Pin Code   413512

2.Institutional status

- Affiliated /Constituent   Affiliated

- Type of Institution   Co-education

- Location   Urban

- Financial Status   UGC 2f and 12(B)

- Name of the Affiliating University

  Swami Ramanand Teerth Marathwada University, Nanded

- Name of the IQAC Coordinator

  Dr. Sidheshwar Sidramppa Bellale

- Phone No.

  02382221149

- Alternate phone No.

  02382221149

- Mobile

  09405417417

- IQAC e-mail address

  iqac.dscl@gmail.com

- Alternate Email address

  sidhesh.bellale@gmail.com

3.Website address (Web link of the AQAR (Previous Academic Year)

https://dsclatur.org/annual-report/

4.Whether Academic Calendar prepared during the year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

  https://dsclatur.org/academic-calendar/

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	81.50	2004	16/02/2004	15/02/2009
Cycle 2	A	3.14	2014	05/05/2014	04/05/2019
Cycle 3	A+	3.40	2023	07/12/2022	06/12/2027

6.Date of Establishment of IQAC   **14/06/2006**

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

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr. M. B. Pandge	Project	Department of Space Govt. of India	2020	1,75,440
Dr. M. B. Pandge	Project	SERB	2020	23,00,000

8.Whether composition of IQAC as per latest NAAC guidelines   `Yes`

- Upload latest notification of formation of IQAC   [View File](#)

9.No. of IQAC meetings held during the year   `5`

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?   `Yes`

- If No, please upload the minutes of the meeting(s) and Action Taken Report   No File Uploaded

10.Whether IQAC received funding from any of the funding agency to support its activities during the year?   `Yes`

- If yes, mention the amount   `Dayanand Education Society, Latur 50,000/- per year`

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

`• Mathematics Department Organized "International e-Conference on Nonlinear analysis and it's Applications" organized at Dayanand Science College, Latur, During the date 27-29 July 2020 for research proposal. Total 306 participated in this competition. • 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. • 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. • E-workshop on Latex : Department of Computer science organizes virtual 5 days e-Workshop on Latex conducted From date 11th August 2020 to 15th August 2020. Dr. M. B. Pandage worked as resource person for this workshop and Dr. R. B. Shinde was the Co-ordinator for this workshop. 138 students registered for this workshop and 94 participants were attended the workshop. • College has sanctioned Rs. 2 Cr. Under infrastructure grant from MHRD RUSA, out of which college received 1 Cr. Of grant. Out of 1 Cr. College has utilized Rs. 60 Lakhs towards the purchase of sport and Lab equipment's. The`

balance of Rs. 40 Lakhs to be utilized for renovation of Classroom and virtual Classroom is under progress. • College has submitted to start new courses Viz. B.Sc. Biotechnology, M.Sc. Botany and M.Sc. Zoology to the Govt. of Maharashtra through SRTMUN. All these courses are sanctioned from the academic year 2021-22 and get sanctioned. • 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. • A complete 5 years UGC – CPE utilization report and academic report has been submitted to UGC New Dehli office of Rs. 1.5 Cr. A balance amount of Rs. 48 lakhs are to be receivable from UGC under UGC – CPE scheme. • College has Received NOC from UGC – Career Oriented Courses Viz. i) Embedded System design ii) Computer Hardware iii) Drug Analysis iv) Met lab Training v) Food Processing vi) Mobile Repairing. • 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. • College has been appointed as a Cluster Head College by our parent University to conduct Examinations, paper setting work of Winter and Summer 2020-21 University B.Sc. I, II M.Sc. I examinations of 6 Talukas in LaturDistrct which includes 14 Colleges. The college is conducting the examination smoothly. • Dr.Pandagemajor research project from SERB 46,00000/- 27 October 2020 and Sanctioned Major Reserch project from ISRO 19,00,000/- 20 Oct 2020. • Dr. N. S. Korde sanctioned Minor Research Project entitled "Synthesis, Characterization of metal complexes of B-Diketone and its application as antioxidant and anti-inflammatory agents" from Swami Ramanand Teerth Marathwada University nanded for Rs. 55000/- • Three Days Online Workshop on Quantum Mechanics& Electronics for PG students. Science Academies Workshop for M. Sc. Students is conducted from 1st January to 3rd January, 2021 on "Quantum Mechanics & Electronics". The students from Dayanand Science College, Latur, Rajarshi Shahu College, Latur and Shri Chatrapati Shivaji College, Omerga. About 112 students were present. (The workshop is conducted online). • Department of Computer science organized "15 Days Webinar Series" organized by Department of computer science, Dayanand science college Latur. During 1st January to 25th January 2021. • 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. • Five Day e-workshop on "LATEX" sponsored by UGC- CPE was organized by department of computer science held within 11th Aug 2020 to 15th Aug 2020. • UGC-CPE Sponsored Fifteen days Webinar Series Program

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

Plan of Action	Achievements/Outcomes
To 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
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
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
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
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
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.
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
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.
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.
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
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

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
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
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.

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

- Name of the statutory body

Name	Date of meeting(s)
College Development Committee	17/03/2022

14.Whether institutional data submitted to AISHE

Part A

Data of the Institution

1.Name of the Institution	Dayanand Science College, Latur
• Name of the Head of the institution	Dr. Jaiprakash Shivprasad Dargad
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02382222929
• Mobile no	09403970550
• Registered e-mail	daya_scin1@rediffmail.com
• Alternate e-mail	iqac.dscl@gmail.com
• Address	Barshi Road, Latur
• City/Town	Latur
• State/UT	Maharashtra
• Pin Code	413512
2.Institutional status	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education
• Location	Urban
• Financial Status	UGC 2f and 12(B)
• Name of the Affiliating University	Swami Ramanand Teerth Marathwada University, Nanded
• Name of the IQAC Coordinator	Dr. Sidheshwar Sidramppa Bellale
• Phone No.	02382221149

• Alternate phone No.	**02382221149**	
• Mobile	**09405417417**	
• IQAC e-mail address	**iqac.dscl@gmail.com**	
• Alternate Email address	**sidhesh.bellale@gmail.com**	
3.Website address (Web link of the AQAR (Previous Academic Year)	**https://dsclatur.org/annual-report/**	
4.Whether Academic Calendar prepared during the year?	**Yes**	
• if yes, whether it is uploaded in the Institutional website Web link:	**https://dsclatur.org/academic-calendar/**	

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Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
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Dr. M. B. Pandge	**Project**	**SERB**	**2020**	**23,00,000**

8.Whether composition of IQAC as per latest NAAC guidelines	**Yes**	
• Upload latest notification of formation of	[View File](#)	

IQAC		
9.No. of IQAC meetings held during the year	5	
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	Yes	
• If No, please upload the minutes of the meeting(s) and Action Taken Report	No File Uploaded	
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13.Whether the AQAR was placed before statutory body?	**Yes**

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Name	Date of meeting(s)
College Development Committee	17/03/2022

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2020-21	30/03/2022

15.Multidisciplinary / interdisciplinary

- The internet bandwidth connectivity is upgraded to 100 mbps and recently installed Leased Line connectivity.
- Reliance Jio optical fibre connectivity network in whole campus and Reliance Jio free Wi-Fi.

- For Astrophysics Research Laboratory, separate internet connection plan with 30 mbps and for office, 10 mbps.
- 205 computers and 14 laptops with internet.
- For effective online teaching-learning process, especially during Covid 19, online teaching equipments which include Shootvilla stands, pen tablets, VTS Back Drop, Boya Dual Lavilar, BOYA Microphone, Logitech C270, Osaka Video Light, drawing tablet, Jiofi JDR 740, Logitech C525 etc.
- During the pandemic, Microsoft Teams for online education.
- Dayanand Science College is recognized as a 'Microsoft Showcase College and Microsoft Innovative College' by Microsoft, India in the year 2020-2021, for being a leading institution in Digital Technology.
- Under RUSA fund, purchased 2 Flip Digital Interactive Boards, 2 Flipchart/Mount Stand, 5 portable projectors and 5 projector screens.
- Purchased Microsoft Windows Operating System license copy.
- Library is fully automated with ILMS and upgraded to the latest version.
- Enhanced the e-learning facilities through E-Shelf Digital Library Software.
- Set up of Learning Management System (LMS) –Moodle with domain and Cloud Hosting. (Domain Name www.edscl.in)
- Purchased 1 Barcode printer and 2 Bar Code scanners for Library.
- The office administration is fully automated with CMS software.
- Gateway Infotech software for SMS facility.
- Network Attached Storage system for data backup.
- Purchased a display board having internet connectivity.
- Installation of Zybro DLL software and DIGI FROG software
- Purchased 16 Solar Blitz UPS backup batteries, Solar Blitz 12v 150AH Battery (Quantity-8) and Net Protector Total Security Gold
- For Exam Department, purchased L-Soft OMR Answer sheet Checking software, 1 Copier Machine, 1 Printer and 1 Scanner.
- Jio-modem for the Department of Computer 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.

16.Academic bank of credits (ABC):

College is in process to open the academic bank of credits (ABC) of the students on the DG Locker

17.Skill development:

College has separate committee for conducting skill development courses. Every year college plans and implement to conduct the add on courses, value added courses, certificate courses which are distributed to each departments on the basis of skill development of students. College is recognized as Model Centre for Skill Development by Higher & Technical Education Department, Govt of Maharashtra under its Career Katta initiative for offering career guidance to students of colleges in the region in 2021. • College established dedicated Vocational and Skill Development Centre at the campus • Four B.Voc programs are introduced for skill development. College has state-of-art infrastructure for skill enhancement of students.

During the academic year following add-on program / training program / Certificate program are conducted during 2020-21for 40 hours. (Submit for CDC permission)

Sr.No.	Department	Program name	Coord:
1.	Department of Mathematics	LaTex Training Program for PG students	Prof.I
2	Department of Zoology	Aquarium preparation and maintenances, ornamental fishes study	Dr. S
3	Department of Electronics	PCB Design	Dr. L
4	Department of Computer	Obstacle Detection Robotics	Dr. R

	Science		
5.	Department of Industrial Chemistry	Awareness of Air Pollution	Dr. R
6.	Department of Botany	Food processing	Prof.
7.	Department of Microbiology	Basics in Microbiological Techniques	Dr. R
8.	Department of Physics	Material Science and Nanotechnology	Dr. V
9.	Department of Chemistry	Soil Analysis	Dr. S

- **College ensures skill development of students and faculty members at the college: College is recognized as Model Centre for Skill Development by Higher & Technical Education Department, Govt of Maharashtra under its Career Katta initiative for offering career guidance to students of colleges in the region in 2020.**
- **College organizes skill development programme for students by Maharashtra Corporation Entrepreneurship Development.**
- **New UGC-COC courses in Mobile Repairing, Drug Analysis, and Matlab Training Programme**
- **College organizes Value added courses like Yoga for students and their family**

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

Dayanand Science College, Latur is keen about to promote the Indian knowledge system

through teaching Indian languages and culture through the well established culture center and cultural association

• The language department has fully devoted for the teaching in indian language using virtual and online platform

The college has well established language labs with 40 computers and audio visual system for the training and phonetincs of the languages.

There is a separate practical course for this purpose which is conducted by the language department.

College has dedicated departments offering courses in Marathi, Hindi and

Sanskrit languages • Various Indian language promotion activities

are regularly organized. • Through the systematic Sanskrit

language promotion activities, several Indian cultural aspects

- The college library is enriched with physical and e-books/journals, internet facility etc.
- Softwares like MATLAB, SCILAB, MATHEMATICA, MAPAL, LINGO, Digifrog, Zybro etc. for effective learning.
- College has youtube studio which is used for online live teaching-learning process.
- ICT based seminars given by students.

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

- The college follows the curriculum designed by the affiliating university. The curriculum has well defined Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs).
- The POs, PSOs and COs of different subjects are to imbibe scientific temper, research attitude and rational thinking among the students to make them competent in basic sciences and upgraded recent technologies. COs of Career Oriented Courses and Skill Enhancement Courses are aimed to develop entrepreneurship skills among the students. The POs, PSOs and COs for all programs offered by the college are stated and displayed on the college website www.dsclatur.org.in which is regularly updated. The POs and PSOs are also displayed in the campus.
- According to the expectations of the stakeholders, the teachers of the college are actively involved in syllabus framing workshops, where they contribute in asserting COs in curriculum.
- At the time of admission, teachers explain POs to the parents and students. The expected outcomes of respective courses are explained to the students by concerned teacher at the commencement of theory as well as practical. At the same time, he discusses evaluation pattern, weightage and other course-related information in the classroom. A copy of POs, PSOs and COs with a copy of syllabus is kept in college library for the reference to teachers as well as students.
- The college aims at holistic development of students. It has been continuously working on the attainments of the outcomes. It focuses to produce very confident learners

with sound knowledge, skills, attitudes and values.

- The college evaluates the attainment of Program Outcomes, Program Specific Outcomes and Course Outcomes by conventional as well as non-conventional means. In the conventional/direct system, the results of the university examinations are analyzed course wise by the departments and reported to the Principal, CDC and Governing Council. The knowledge and skills are evaluated through continuous internal evaluation with the help of tests, seminars, home assignments etc.

- Course Outcomes are measured through the performance of the students in the class, practical, internal evaluations and external evaluations. The attainment of outcomes is evaluated by the college on the success rate of the students and their progression to higher education.

- In addition, departments also try to assess them by some other means. For example, departments assess the outcomes at the time of practical examinations and their research work. The language teachers measure the attainment or acquisition of certain skills by creative / academic writing for annual magazine 'Unmesh', participation and success in literary /cultural programs and performance in competitions like elocution, debate, essay writing in our college as well as other colleges and also in youth festivals. The outcomes are also evaluated by the research projects undertaken by the students, research activities carried out at other colleges and research centres, participation and success in research competitions like Avishkar and Anveshan, research paper presentation in Seminars/ Conferences, paper publication in Journals.

- During social programs through NSS and NCC involving general public, the students are observed and checked for their sensitivity and social awareness.

- As a result of this continuous and constant mentoring, many students score university distinctions and also achieve medals in different subjects. For example, our students were awarded Gold medal in M. Sc. Organic Chemistry by the university for successive six years.

- The different PG Departments run IIT-JAM coaching for students and students qualify. Apart from this, many of our students participated and won prizes in Madhava Mathematics Competition. Our students also won medals in cultural and sports events. Some students received best paper presentation awards and also published their research papers in reputed scientific journals.

- Our NCC Cadet participated in RD Parade at New Delhi.

Community-oriented services, such as awareness rallies, cleanliness campaigns, old age home visits and Special NSS Camp enable the students to think out of the box and be creative, constructive and inculcate the values of ethics and develop community service attitude among the students. The performance of students within and outside the college in different events provides enhancing index of their learning-levels.

- The feedback from all the stakeholders is collected and steps are taken as per their suggestions.
- In this way, we follow formal and informal mechanism for the measurement of attainment of the outcomes.

20.Distance education/online education:

College facilitates learners for online education at following

- E-dscl : https://edscl.in/
- MOOC platforms: • College has Microsoft Teams for online teaching learning process and also google meet, ZOOM for conducting online meetings.
- Also college has youtube center in which all the Vidio lectures are recorded and uploaded on the youtube
- Nearly about 80% teachers uploaded their study materials and video lectures on the edscl and youtube platform.
- NPTEL Cell is established in the college through which no. of video lectures and online courses are provided to teachers and studnets. SWAYAM • ARPIT • IBM Courses - Signed an MoU • E-PG Pathshala,
- Online MOUs are signed for the preparation of placements for the students to the different companies.

- 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.
- Softwares like MATLAB, SCILAB, MATHEMATICA, MAPAL, LINGO, Digifrog, Zybro etc. for effective learning.
- College has youtube studio which is used for online live teaching-learning process.
- ICT based seminars halls are constructed for each PG departments.
- 16 Digital boards are installed in the lecture hall

- **8 digital panels are installed in the laboratories for the purpose of online video lectures.**
- **Installation of 10 White Interactive Boards along with10 image scanners, PC Cabinet, projectors along with UPS Cabinet in 6 class rooms, 3 seminar halls and MATLAB. These devices are used as LMS facility to access Microsoft Teams and www.edscl.in.**

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**442**

File Description	Documents
Data Template	View File

2.Student

2.1 Number of students during the year	**1516**

File Description	Documents
Institutional Data in Prescribed Format	View File

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**308**

File Description	Documents
Data Template	View File

2.3 Number of outgoing/ final year students during the year	**527**

File Description	Documents
Data Template	View File

3.Academic

3.1 Number of full time teachers during the year	**55**

File Description	Documents
Data Template	View File

3.2 Number of sanctioned posts during the year	**72**

File Description	Documents
Data Template	View File

4.Institution

4.1 Total number of Classrooms and Seminar halls	**22**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**65.10**
4.3 Total number of computers on campus for academic purposes	**152**

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

- **Affiliated to the SRTM University, the college follows the university designed curriculum. It operates at UG, PG & research level considering its vision, mission, and objectives and aiming to enhance students' through skill development and holistic education.**
- **At the beginning of the academic year the Principal and the IQAC conduct meeting with faculties for academic calendar.**
- **Time table committee frames the time table.**
- **The college design syllabus of COC courses.**
- **The College, through 6 BOS members, contributes the**

curriculum at university level.

- The college procures required number of books and research journals in the library.
- The College organize Industrial visits/computer awareness programmes /conferences/seminars/workshops/guest lecturers/study tours for effective implementation for students.
- Along with the books/science journals, the library offers computers with internet facility.
- The Language laboratory software (Zybro DLL) is available.
- The college guides on IIT-JAM exam.
- The practical schedule is conducted in well-equipped laboratories with software's. INSPIRE -SHE Scholarship of DST qualified students are motivated to enroll in B.Sc.
- Due to covid-19 pandemic, the college has used ICT tools for online education using free software's such as Zoom. About 25% of the curriculum of PG courses was completed using online platforms. In May 2020 the college make agreement with Microsoft teams.

File Description	Documents
Upload relevant supporting document	[View File](#)
Link for Additional information	https://dsclatur.org/wp-content/uploads/2021/09/1.1.1-updated.pdf

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

- The college follows the academic calendar of the parent university. For university events such as Avishkar Research Festival, Youth festival, Ashwmedh, NSS Yuvak/Yuvati camps, Students Council etc. NCC camps are to be carried out as per the directions of NCC 53 MH Bn, Latur and Aurangabad HQ.
- Internal Examination Committee directs all the departments for conducting internal exam. The dates are usually last week of January or week of February.
- For the practical papers, the schedule displayed on staff and student notice boards.
- In COVID-19, as per guidelines by the SRTM University, Practical and SEC exam was conducted using online test platform.
- Due to covid-19 pandemic, the college has stop physical education and use online education by free software's such

as zoom. After agreement with Microsoft teams in May 2020. The college staff members started using this platform for online education.

- Besides MS teams, the staff use e-system for project report evaluation, practical Viva-voce, seminars, practical exam paper submission etc.
- The teachers created WhatsApps groups of respective classes for communication to students this online teaching pattern is recognized by Maharashtra State Government, the vice chancellor of the parent university the Higher and Technical Education ministry appreciated the college efforts for the alternative online education.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://dsclatur.org/wp-content/uploads/2021/08/1.1.2.pdf

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

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

1.2 - Academic Flexibility

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

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

9

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

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

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

5

File Description	Documents
Any additional information	**No File Uploaded**
Brochure or any other document relating to Add on /Certificate programs	**No File Uploaded**
List of Add on /Certificate programs (Data Template)	View File

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

164

File Description	Documents
Any additional information	**No File Uploaded**
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

- **There are 6 college teachers as members of University Board of Studies. Along with imparting the formal curriculum, the college consistently Gender, Environment and Sustainability, Human Values, Professional Ethics etc.**

- **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. Courses offered by language departments discuss about Gender and Human values.**
- **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.**
- **During field/industrial visits an effort is made to visit people, institutes and industries working in these areas.**
- **Through NSS/NCC the college addresses relevant cross cutting issues.**

File Description	Documents
Any additional information	**No File Uploaded**
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	[View File](#)

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

9

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

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

354

File Description	Documents
Any additional information	**No File Uploaded**
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	[View File](#)

1.4 - Feedback System

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

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

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

File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	Nil

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of students admitted during the year

1016

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

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

218

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

2.2 - Catering to Student Diversity

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

1. Assessment of the learning levels: As the students are from diverse backgrounds and different competence-level, the slow and advanced learners are identified on the basis of marks

obtained in the previous examinations. The teachers conduct interaction on subject to understand the level of knowledge and skills of students.

2. Special programmes for advanced learners: Science for Vision, Inspiration and Prosperity (S-VIP) is our best practice. Special attention to INSPIRE-SHE qualified students to sustain their merit and for project work with Mentors. Student Encouragement through Financial Aid (SEFA) is our best practice.Career counseling for IIT-JAM, NPTEL courses and other examinations/courses. The educational tours/industrial visits to increase their interest in subject. Meritorious students are felicitated with cash prizes by the college and donor's contribution. The photographs of meritorious students are published in college prospectus; magazine and display boards in front side of the college

3. Special programmes for slow learners:

4. Slow learners directly approach to the concerned teacher for any difficulty in the subject.

5. ICT-based teaching to give learners audio-visual.

6. You tube videos, team assignments and project work.

7. The educational tours/industrial visits to increase interest in the subject.

8. Skill Enhancement Workshops and Entrepreneurship Awareness Camps.

9. Old question papers in library for better performance in the examination.

File Description	Documents
Paste link for additional information	https://dsclatur.org/wp-content/uploads/2021/08/2.2.1-Criterion-II-template.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
1016	27

File Description	Documents
Any additional information	No File Uploaded

2.3 - Teaching- Learning Process

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

Due to the effective teaching-learning-evaluation methods, the college has got reputation as one of the best colleges in the affiliating University. To promote student centric learning process, classrooms and laboratories are equipped with smart boards and LCD projectors. The college library is enriched with physical and e-books/journals, internet facility etc.

Experiential learning:

- The practicals in well-equipped laboratories, to create scientific temper.
- Project work for final year PG students for experiential learning
- UGC-COC and Lecture Workshops, hands on training, organized for students in different programs.
- Study tours/industrial visits/field visits.
- Entrepreneurship awareness camps to inculcate entrepreneurship qualities and prepare their mindset for self-employment.
- Softwares like MATLAB, SCILAB, MATHEMATICA, MAPAL, LINGO, Digifrog, Zybro etc. College has youtube studio which is used for online live teaching-learning process.

Participative learning:

- To inculcate moral and social values and to create awareness of social responsibility among the students tree plantation and Special Winter Camp are organized through NSS.
- NCC students participate in National Camps and Parades, and different social activities.
- Renowned personalities from different fields are invited to share their experiences with the students. Ph.D. course work on behalf of S.R.T.M. University is organized in the College.

Problem solving methodologies:

- Regular participation of the students in research project competitions and Madhava Mathematics Seminar Competitions at different places. MATLAB is used by Mathematics students for problem solving.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://dsclatur.org/wp-content/uploads/2021/08/Template-for-website-2.3.1-1.pdf

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

- **The college has provided good infrastructure facility for effective teaching-learning process.**
- **Classrooms and laboratories are equipped with smart boards and LCD projectors. Computers, laptops, projectors, smart boards, educational CDs and 100 mbps internet connectivity are available. Recently, Microsoft Teams app has been used by the teachers for online teaching and evaluation process.**
- **SWAYAM NPTEL, DELNET, smart boards, softwares, INFLIBNET N-LIST, e-books, e-journals, PPTs, You tube videos, live demo of programming languages, etc.**
- **Softwares like MATLAB, SCILAB, MATHEMATICA, MAPAL, LINGO, Digifrog, Zybro etc.**
- **College has youtube studio which is used for online live teaching-learning process.**
- **Teachers use smart boards and LCD projectors for teaching, the library is regularly updated with online resources. Along with the books and scientific journals, the library also offers computers with internet facility, INFLIBNET N-LIST, SOUL-2.0, LMS software and educational CDs. The e-books and journals are available.**
- **Digifrog software is used by Zoology teachers in teaching process. Zybro DLL software is available in the Language Laboratory**
- **The college is affiliated with SWAYAM NPTEL as a local chapter to provide some additional online courses.**
- **In the month of March-2020, due to the Covid pandemic, the Government declared complete lockdown. In order to complete the syllabus, the Microsoft Teams app was installed by the college for the teachers and students. Besides this, some teachers prepared their video lectures and uploaded on You tube. These lectures were viewed by the students of different colleges in India and abroad.**

File Description	Documents
Upload any additional information	**No File Uploaded**
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	[View File](#)

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

2.3.3.1 - Number of mentors

55

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

2.4 - Teacher Profile and Quality

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

28

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

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

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

25

File Description	Documents
Any additional information	**No File Uploaded**
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers

480

File Description	Documents
Any additional information	**No File Uploaded**
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

- **The College 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 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.**
- **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.**
- **During March-2020, due to the Covid pandemic, lockdown was declared by the Government. Therefore, internal evaluation**

was conducted by the teachers on MS 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). 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 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.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://dsclatur.org/wp-content/uploads/2021/08/2.5.1.pdf

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

- 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.

- Redressal of grievances at College level:

- There is an Internal Examination Committee in the college, which supervises the process of internal examination. Complete transparency is maintained in the continuous internal evaluation process. 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.

- 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.
- The students can even ask for the photo copies of their answer books by depositing the required fees with the university. University appoints concerned subject teachers for the reassessment.
- Other grievances from students like postponement of semester examination, regarding question, late receipt of Hall ticket from university, change in subject in Hall ticket, etc. are timely communicated to the university.
- In case of a malpractice by student, a university committee, gives chance for the student to say his argument regarding the malpractice.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	https://dsclatur.org/wp-content/uploads/2021/08/2.5.2.pdf

2.6 - Student Performance and Learning Outcomes

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

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

parents and students. The expected outcomes of respective courses are explained to the students by concerned teacher at the commencement of theory as well as practical. At the same time, he discusses evaluation pattern, weightage and other course-related information in the classroom. A copy of POs, PSOs and COs with a copy of syllabus is kept in college library for the reference to teachers as well as students.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://dsclatur.org/wp-content/uploads/2021/08/POs-PSOs-COs-Final.pdf
Upload COs for all Programmes (exemplars from Glossary)	View File

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

- The college aims at holistic development of students. It has been continuously working on the attainments of the outcomes.
- The college evaluates the attainment of Program Outcomes, Program Specific Outcomes and Course Outcomes reported to the Principal, CDC and Governing Council.
- Course Outcomes are measured through the performance of the students in the class, practical, internal evaluations and external evaluations.
- The departments assess the outcomes at the time of practical examinations and their research work.
- The language teachers measure the attainment of certain skills by creative / academic writing for annual magazine 'Unmesh', participation and success in literary /cultural programs.
- The outcomes are also evaluated by the research projects by the students, participation research competitions like Avishkar and Anveshan, research paper presentation in Seminars/ Conferences.
- During social programs through NSS and NCC involving general public, the students are observed and checked for their sensitivity and social awareness.
- As a result of this continuous and constant mentoring, many students score university distinctions and also achieve medals in different subjects.
- The different PG Departments run IIT-JAM coaching for

students. Our students participated and won prizes in Madhava Mathematics Competition. Our students also won medals in cultural and sports events.

- Our NCC Cadet participated in RD Parade at New Delhi. Awareness rallies, cleanliness campaigns, old age home visits and Special NSS Camp enable the student.
- The feedback from all the stakeholders is collected and steps are taken as per their suggestions.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	https://dsclatur.org/wp-content/uploads/2021/08/template-2.6.2-updated.pdf

2.6.3 - Pass percentage of Students during the year

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

525

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

2.7 - Student Satisfaction Survey

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

[Nil](#)

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

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

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

24.75

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

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

3.1.2.1 - Number of teachers recognized as research guides

14

File Description	Documents
Any additional information	**No File Uploaded**
Institutional data in prescribed format	View File

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

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

2

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

3.2 - Innovation Ecosystem

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

- The college takes various initiatives for an innovative ecosystem effectively transforms knowledge into products, processes and services for quality of life of people.
- Well-equipped research laboratories developed with modern infrastructure and sophisticated scientific instruments.
- Department of Chemistry, Physics, Mathematics and Microbiology have recognized research centers affiliated to SRTMU Nanded.
- College have "Inspire Award Faculty" by DST & SERB to Dr. M.B.Pandge
- Research papers in UGC approved and SCOUPUS and web of science journals have been published.
- Eminent scientists from national and international institutes are invited for students' progress.
- To develop scientific temperament and attitude, science exhibition, Sky watching, hands on programs in INSPIRE camps and Vidyan Manch organized by college.
- Students are benefitted the methodology of composting by Dept. of Microbiology.
- Computer training programs are organized by Department of Computer Science for staff.
- Use of E-learning like Smart board, online videos, learning software's etc.
- To create the awareness regarding Organic Farming among farmers with Government of Maharashtra.
- Continuous air monitoring of Latur city project sanctioned by M.P.C.B. Government of Maharashtra
- College offers Rs. 50000/- research grant for innovative project by the students.
- Every year college publishes Annual Magazine: UNMESH
- College Library have much 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 run online NPTEL courses.
- College provides Microsoft Team software for online teaching and to provide study material to students.

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://dsclatur.org/wp-content/uploads/2021/08/3.2.1-Template.pdf

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

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

0

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

3.3 - Research Publications and Awards

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

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

25

File Description	Documents
URL to the research page on HEI website	https://dsclatur.org/wp-content/uploads/2021/08/3.3.1-final.pdf
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	[View File](#)
Any additional information	**No File Uploaded**

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

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

61

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

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

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

14

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

3.4 - Extension Activities

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

- **The college is well connected with neighbourhood community and adopted a number of measures for sensitizing students to social issues and their holistic development. 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, Pulse Polio Abhiyan, AIDS awarness rally, survey on out of school students etc.**
- **"Blood Group detection programme" by Department of Microbiology Department of Botany organized 'Soil and Water Testing Programme' for Local area farmers.**

- 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.
- 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 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.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

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

0

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

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

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

7

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

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

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

8

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

3.5 - Collaboration

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

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

21

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

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

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

8

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	**No File Uploaded**
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

- **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, VicePrincipal'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,Seminar Halls,Laboratories,Zoology Museum,**
- **Botanical Garden of 15,000 sq. ft area.**
- **Computing Equipment: The College has a total number of 205 computers and 14 laptops in use. 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.
- College hav lift ramps and solar pannels

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://dsclatur.org/ict-classroom/

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

- 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.). for Basketball court, two volleyball
courts, two Lawn Tennis Clay Courts, one Kho-Kho Court and
two Kabaddi courts are available on this ground.
- 3. Indoor Stadium: Badminton Hall with Four Yonex mat courts
is available in this stadium. Th
- 4.Gymnasium: Fully equipped gymnasium is available in
campus.
- Cultural Facilities: The college provides necessary
facilities for its budding artists. External experts are
invited for mentoring and directing the performances.
- 1.Open Auditorium 1 (Main Stage): Open Auditorium with an
area of 899Sq. meters

- **2.Open Auditorium 2: For the organization of a few cultural competitions this auditorium (320 Sq. meters)**
- **3. Cultural Hall: The college has a Cultural Hall (size 58 x 30 feet)**
- **4.Display Boards**
- **5.Dayanand Sabhagruh: Dayanand Education Society's Dayanand Sabhagruh is a state of art auditorium with seating capacity of 1000 was constructed in 2007**

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

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

16

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://dsclatur.org/wp-content/uploads/2021/08/criteria-IV.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File](#)

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

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

4.00

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

4.2 - Library as a Learning Resource

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

- **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.**
- **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.**
- **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.**
- **Circulation module takes care of all possible functions of circulation. Sufficient care has been taken in designing this module starting from membership**
- **The OPAC (Online Public Access Catalogue) has simple and advanced search facility**
- **Serials control managing is the most complicated job for a library.**
- **E-Shelf – Digital Library System Software: It is purchased from Orell Technosystems (India) Pvt Ltd Kochi under UGC-CPE grant.**
- **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.**

- **CCTV Surveillance System is available in the library for security purposes.**
- **UGC – Network Resource Center has been established in the library**
- **1 KV power Inverter is installed to support library electricity needs for 24x7.**

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://dsclatur.org/dept-of-library/

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

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

0.86

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

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

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

258

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

4.3 - IT Infrastructure

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

- 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
- 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.
- 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.
- Library is fully automated with ILMS and upgraded to the latest version.
- The office administration is fully automated with CMS software.
- Gateway Infotech software for SMS facility.
- Purchased 16 Solar Blitz UPS backup batteries, Solar Blitz 12v 150AH Battery (Quantity-8)
- For Exam Department, purchased L-Soft OMR Answer sheet Checking software, 1 Copier Machine, 1 Printer and 1 Scanner.

- **CCTV Cameras along with DVR and LCD.**
- **Thumb impression system for attendance of staff replaced by Face Impression Systems.**
- **New MOUs and collaboration for online admission registration, online teaching-learning management.**

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

4.3.2 - Number of Computers

10.1

File Description	Documents
Upload any additional information	[View File](#)
List of Computers	**No File Uploaded**

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

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

4.4 - Maintenance of Campus Infrastructure

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

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

46.36

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

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

The 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.**

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 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.**
- **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.**
- **The maintenance of generator sets, solar panels etc are undertaken as per the guidelines given by the equipment suppliers.**

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

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

724

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	[View File](#)

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

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

2

File Description	Documents
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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

File Description	Documents
Link to Institutional website	https://dsclatur.org/wp-content/uploads/2021/08/1.-Soft-skill-final.pdf
Any additional information	**No File Uploaded**
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

516

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

516

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

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

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

75

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

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

5.2.2.1 - Number of outgoing student progression to higher education

340

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

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

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

12

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

5.3 - Student Participation and Activities

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

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

0

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

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

- **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.**
- **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.**
- **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.**
- **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.**
- **Science Association: The selection of the students is done through applications & interviews by Principal and Portfolio members.**
- **Other committees: The Students have their representation on various bodies like IQAC, CDC, Library committee, Anti-ragging Committee, NSS, NCC, Sports etc. The college provides support in organizing & coordinating various events to develop their managerial and leadership skills.**

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

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

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

02

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

5.4 - Alumni Engagement

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

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 Page 66/113 08-12-2022 02:02:07 Self Study Report of DAYANAND EDUCATION SOCIETY'S DAYANAND SCIENCE COLLEGE 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.

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.

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

5.4.2 - Alumni contribution during the year (INR in Lakhs)	A. ? 5Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

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

Vision : To enlight students of rural area and contribute their services for universal development by promoting education.

Mission Statement : "Am Zmo ^Ðm H¥$Vdmo ¶ÝVw {dœV:'' Let the noble thoughts come to us from all the direction of the universe.

Goals and Objectives :

• To impart higher education in science to the students of our rural area of this region.

• To promote the activities that are necessary for the welfare and overall development of the students.

- **To help the needy and economically weaker students in education.**

- **To prepare the students to face the challenges of the competitive world.**

- **To inculcate discipline, sincerity and devotion among the students to make them most responsible and respectable citizens of India.**

File Description	Documents
Paste link for additional information	https://dsclatur.org/wp-content/uploads/2021/10/Prospectus-2020-21-1.pdf
Upload any additional information	View File

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

The 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 Page 70/113 08-12-2022 02:02:08 Self Study Report of DAYANAND EDUCATION SOCIETY'S DAYANAND SCIENCE COLLEGE role in the process of delegation and decentralization of the administrative, academic and financial responsibilities.

File Description	Documents
Paste link for additional information	**Nil**
Upload any additional information	**No File Uploaded**

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The perspective plan is designed by the college for the five years (2015-16 to 2020-21). This plan is Page 71/113 08-12-2022 02:02:08 Self Study Report of DAYANAND EDUCATION SOCIETY'S DAYANAND SCIENCE COLLEGE framed by considering the vision, mission, goals and objectives of the college. It is executed as per the requirements to meet the national or regional problems or issues. The stated

policies are reviewed periodically by the management and stakeholders. The major objectives of the perspective plans are - To encourage the faculty to apply for Major and Minor Research Projects. - To organize State/National/International level conferences/seminars and workshops. - To introduce P.G. Courses in the subjects of Botany and Zoology and UG course in Biotechnology. - To motivate students to participate in research based activities like Avishkar, Anvenshn, seminars and conferences.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	https://dsclatur.org/wp-content/uploads/2021/08/6.2.1 Perspective-Plan-2015-20.pdf
Upload any additional information	View File

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

- The college 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 nonteaching 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 Page 73/113 08-12-2022 02:02:08 Self Study Report of DAYANAND EDUCATION SOCIETY'S DAYANAND SCIENCE COLLEGE 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.

File Description	Documents
Paste link for additional information	https://dsclatur.org/list-of-governing-council-and-board-of-trustees/
Link to Organogram of the institution webpage	https://dsclatur.org/?page_id=7463&preview=true
Upload any additional information	View File

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

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

6.3 - Faculty Empowerment Strategies

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

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

- **Medical Claim facility for aided staff members through Joint Director of Higher Education, Government of Maharashtra.**
- **For unaided staff members, Employees Provident Fund (EPF) is applicable in which 12% share is given by the college and the same is contributed by the employee.**
- **Dayanand College Employee Cooperative Credit Society, Latur**

- provides emergency loan, festival loan and main loan for home construction, education to ward and emergency health issues.
- **Financial support is given to the teaching staff in order to attend national and international conferences, workshops and seminars.**
- **Fee concession to the ward of the teaching and non teaching staff in the admission of 11th to PG Page 75/113 08-12-2022 02:02:08 Self Study Report of DAYANAND EDUCATION SOCIETY'S DAYANAND SCIENCE COLLEGE course.**
- **If there is a delay in salary from the government then management pays the salary in time from their own funds.**
- **Free Internet facility is made available through Wi-Fi.**
- **Latur Urban Co-operative Bank Ltd., Latur ATM facility is in campus premises.**

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

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

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

57

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

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

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

05

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

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

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

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

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

- **To attain and sustain the quality parameters for the development of the institution, it is necessary that the policies, practices and programmes are executed in true spirit by the two crucial stake holders- the teaching and**

- non-teaching staff. The College has well defined and structured mechanism for performance appraisal system for teaching and non-teaching staff.
- The performance of every employee is assessed after the completion of one year of service. Systematic evaluation of the performance of employee is done to understand the ability of a person for his/her further growth and it encourages staff to keep working efficiently and strive hard to attain new goals in various areas of academics and administration.
- There are different parameters to assess the performance of teaching and non-teaching staff. For teachers, Performance Based Appraisal System is followed which is based on self-review, peer review and feedback from students.
- The overall peer review and evaluation is carried out by the Principal. Besides they are reviewed by CDC through IQAC. The outcome of the feedback analysis is informed to each faculty for the purpose of improvement and encouragement.

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

6.4 - Financial Management and Resource Mobilization

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

- The college is government aided, privately managed and it receives financial assistance from the Maharashtra Government, UGC, DST, MPCB, IASc and the Governing Council of the college.
- The college gets students fees, grants and scholarships from various agencies and funding organizations besides State Government and non-government agencies
- The accountant of the college maintains all the financial records in accounting Cloud Based ERP CCMS (Centralized Campus Management System) purchased from- Master Soft ERP Solution Pvt. Ltd. Nagpur.
- All the vouchers and bills are duly audited by a team of qualified and well experienced Chartered Accountants. They also conduct audit of the grants received from agencies like DST, UGC, SERB, RUSA, MPCB, state government and other

- funding agencies for organizing academics and research activities
- To keep the record transparent and to ensure accountability, the college office prepares the balance sheet clearly indicating the amount spent under different heads during those particular periods. The balance sheet is prepared by the Head-Clerk, verified by the Office Superintendent and the Principal and audited by the Chartered Accountant.
- The external audit report is put before Governing Council for its perusal and observations.

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

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

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

0

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

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

- 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. DST has sanctioned Rs. 1 Cr. under INSPIRE Faculty Awardees scheme.
3. SERB sanctioned Rs. 26 lakhs under R & D.
4. Foreign travel grants have also been received from UGC.

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

6.5 - Internal Quality Assurance System

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

Response:

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

(A) Individual Teachers Achievement Presentation:

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

- Curricular aspects
- Teaching Learning and Evaluation
- Research, Innovation and Extension

- **Student Support and Progress**
- **Social Activities**
- **Role in college development**

(B) Effective Feedback System for Quality Improvement:

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

1.Feedback from students on teachers

2.Feedback from students on College

Outputs of this practice are as follows

- **Increasing meritorious record of our college as compared to university level.**
- **Direct suggestions received from students to improve teaching**
- **Principal gets suggestions regarding the college activities from these feedbacks.**

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

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

Response:

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

1. Creation of IT infrastructure and its usage

- Interactive smart-boards have been installed and connected with internet viz LAN/Wi-Fi The whole campus is on Wi-Fi.
- All the computer labs have been upgraded with latest hardware and software.
- Digital display boards are installed in the campus.
- College has adopted e-Learning Management System (e-LMS).
- The college library has a separate enclosure for students to work on computers for accessing eresources.

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

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

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

| 6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA) | B. Any 3 of the above |

File Description	Documents
Paste web link of Annual reports of Institution	**Nil**
Upload e-copies of the accreditations and certifications	**No File Uploaded**
Upload any additional information	**No File Uploaded**
Upload details of Quality assurance initiatives of the institution (Data Template)	[View File](#)

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Response:

a) Safety and Security

- **The college provides an enabling environment for gender equity with sensitivity for gender related issues and has taken a lot of care to ensure not only the safety of girls students and staff on the campus but has also taken steps to create an atmosphere on the campus where female staff and students flourish in academic, administration and in every field.**
- **There are mechanisms such as Internal Complaint Committee (ICC),Complaint Box for girls in Ladies room and a distinct women cell (Yuvati Kalyan Mandal/ YKM).**

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.**

c) Common Room

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

File Description	Documents
Annual gender sensitization action plan	**Nil**
Specific facilities provided for women in terms of:a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	https://dsclatur.org/wp-content/uploads/2021/08/7.1.1-Final-Photos.pdf

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

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	**No File Uploaded**

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

Response:

Solid waste management

- **The non degradable waste is collected and dumped in the "Ghanta Vehicle" of Municipal Corporation**

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.

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

E-waste management

The college has a contract with local vender for annual maintenance and e-waste management of (especially computers), electronic devices. Some old but working computers are donated to some needy local schools. Recentally 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

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

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

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

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

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

A. Any 4 or All of the above

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

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

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

A. Any 4 or all of the above

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

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

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

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

Response:

The College has an inclusive environment with students and teachers from different culture, region, community and socio-economic background. The college encourages the students to

organize and participate in different programs to sensitize them towards cultural, regional, linguistic, communal and socio-economic diversities. Some of the programs organized by the college in this connection are enlisted below;

Cultural Diversity programs:

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

Regional & Linguistic Diversity programs:

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

Communal and Socio-Economic Diversities:

- 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.
- "Alpsankhyak Hakk Din" (Minority day) is celebrated.

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

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

Response:

- The College takes all possible initiatives in organizing

various events & programs for molding the students & staff to become responsible citizens of the country by sensitizing them to the constitutional obligations. The college celebrates Sanvidhan Din, Republic day, Independence Day which enlightens the students & staff to remember the struggle of freedom & respect the Nationalflag & national anthem. The Republic day is celebrated on 26th January which highlights the importance of Indian constitution. The Sanvidhan Din is celebrated on 26th November which enlightens the importance of Indian Constitution.

- The College has conducted voter awareness rally where students were sensitized about their Constitutional powers of voting.
- Our college students have taken up many cleanliness drives through Swachh Bharat Abhiyan, inside the campus & nearby village considering its responsibility of every citizens. The students have also taken up plantation drives to provide a clean & green environment for all
- The College takes initiatives in sensitizing parents/students for vaccination through pulse polio vaccination programs.
- To solve the water crises in Latur the people initiated a movment 'Jalyukt Latur' in which the college contributed Rs.2.54 lakh to rejuvenate the river Manjara.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	https://dsclatur.org/wp-content/uploads/2021/08/Final-to-upload-1.pdf
Any other relevant information	Nil

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

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

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

Response:

- **The college takes initiatives in honoring the great personalities of Indian history by paying homage on death anniversaries & celebrating birth anniversaries**
- **National Festivals like Independence Day is celebrated (15th August) to continue the spirit of patriotism among the youth of coming generation & sustain the independence in the minds & souls of Nation Bharat. The College celebrates great Indian leader's birth & death anniversaries. Following events are celebrating every year by the institution.**
- **Birth Anniversary of Maharaja Maharana Pratap-6th June.**
- **Rajarshi Shahu Maharaj Birth Anniversary on 26th June is celebrated to convey his message to the modern generation about the equality & equal opportunity to all. He initiated numerous Social reforms with emphasis on education for masses.**
- **The great Rajmata Jijau the mother of Chhatrapati Shivaji Maharaj Smruti din (Death Anniversary)-17 June. Lokshahir Annabhau Sathe Smruti Din (Death Anniversary)-18 July. Dr. Vasantrao Naik (Birth Anniversary) - 01 July. Lokmanya Bal Gangadhar Tilak Birth Anniversary-23 August. Punyashlok Ahilya devi Holkar(Death Anniversary)-13 August. Independence day-15 August. Krantisinh Nana Patil Jayanti (Birth Anniversary)-03 August**
- **The university foundation day is celebrated on 17th September to give the basic ideas behind the foundation of university.**

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

7.2 - Best Practices

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

Response:

Best Practices:

Practice:

1. Vidnyan Manch, (V)

2. INSPIRE Camps (I)

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

Best Practices: II

(A) Title of the Practice

"Students Encouragement through Financial Aid" (SEFA)

(B) Objectives of the practice:

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

File Description	Documents
Best practices in the Institutional website	https://dsclatur.org/best-practices-5/
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

Response:

Title: Meritorious Dayanand Pattern striving for excellence

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

The 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

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.

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.

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

7.3.2 - Plan of action for the next academic year

Nil