



AQAR REPORT REVIEW

DAYANAND EDUCATION SOCIETY'S DAYANAND SCIENCE COLLEGE

Aishe id : C-7327

Submitted for : 2018-2019

Submitted Date : 26/12/2019 12:25 PM

Reference AQAR Link: [Click here](#)

Over all Comments : required fields filled

Acceptance date : 26/12/2019



Yearly Status Report - 2018-2019

| Part A | |
|---|---|
| Data of the Institution | |
| 1. Name of the Institution | DAYANAND EDUCATION SOCIETY'S DAYANAND SCIENCE COLLEGE |
| Name of the head of the Institution | Dr. Jaiprakash Shviprasad Dargad |
| Designation | Principal |
| Does the Institution function from own campus | Yes |
| Phone no/Alternate Phone no. | 02382222929 |
| Mobile no. | 9403970550 |
| Registered Email | daya_scin1@rediffmail.com |
| Alternate Email | iqac.dscl@gmail.com |
| Address | Barshi Road,Latur |
| City/Town | Latur |
| State/UT | Maharashtra |
| Pincode | 413512 |
| 2. Institutional Status | |
| Affiliated / Constituent | Affiliated |

| Type of Institution | Co-education | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|-----------------|-----------------------|---------------------------------------|-------------|-------|-------|------|-----------------------|----------|--|-------------|-----------|---|-----|-------|------|-------------|-------------|---|---|------|------|-------------|-------------|
| Location | Urban | | | | | | | | | | | | | | | | | | | | | | | | |
| Financial Status | State | | | | | | | | | | | | | | | | | | | | | | | | |
| Name of the IQAC co-ordinator/Director | Dr. Sidheshwar Sangramappa Bellale | | | | | | | | | | | | | | | | | | | | | | | | |
| Phone no/Alternate Phone no. | 02382221149 | | | | | | | | | | | | | | | | | | | | | | | | |
| Mobile no. | 9405417417 | | | | | | | | | | | | | | | | | | | | | | | | |
| Registered Email | iqac.dscl@gmail.com | | | | | | | | | | | | | | | | | | | | | | | | |
| Alternate Email | sidhesh.bellale@gmail.com | | | | | | | | | | | | | | | | | | | | | | | | |
| 3. Website Address | | | | | | | | | | | | | | | | | | | | | | | | | |
| Web-link of the AQAR: (Previous Academic Year) | http://dsclatur.org/annual-report/ | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. Whether Academic Calendar prepared during the year | Yes | | | | | | | | | | | | | | | | | | | | | | | | |
| if yes,whether it is uploaded in the institutional website: Weblink : | http://dsclatur.org/academic-calendar/ | | | | | | | | | | | | | | | | | | | | | | | | |
| 5. Accreditation Details | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accreditation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B++</td> <td>81.50</td> <td>2004</td> <td>16-Feb-2004</td> <td>15-Feb-2009</td> </tr> <tr> <td>2</td> <td>A</td> <td>3.14</td> <td>2014</td> <td>05-May-2014</td> <td>04-May-2019</td> </tr> </tbody> </table> | | | | | | Cycle | Grade | CGPA | Year of Accreditation | Validity | | Period From | Period To | 1 | B++ | 81.50 | 2004 | 16-Feb-2004 | 15-Feb-2009 | 2 | A | 3.14 | 2014 | 05-May-2014 | 04-May-2019 |
| Cycle | Grade | CGPA | Year of Accreditation | Validity | | | | | | | | | | | | | | | | | | | | | |
| | | | | Period From | Period To | | | | | | | | | | | | | | | | | | | | |
| 1 | B++ | 81.50 | 2004 | 16-Feb-2004 | 15-Feb-2009 | | | | | | | | | | | | | | | | | | | | |
| 2 | A | 3.14 | 2014 | 05-May-2014 | 04-May-2019 | | | | | | | | | | | | | | | | | | | | |
| 6. Date of Establishment of IQAC | 14-Jun-2006 | | | | | | | | | | | | | | | | | | | | | | | | |
| 7. Internal Quality Assurance System | | | | | | | | | | | | | | | | | | | | | | | | | |
| Quality initiatives by IQAC during the year for promoting quality culture | | | | | | | | | | | | | | | | | | | | | | | | | |
| Item /Title of the quality initiative by IQAC | | Date & Duration | | Number of participants/ beneficiaries | | | | | | | | | | | | | | | | | | | | | |

| | | |
|---|-------------------|-----|
| Workshop on Skill Enhancement Course CBCS in Chemistry, Zoology, Botany & Physics | 06-Aug-2018 01 | 213 |
| National Workshop on Recent syllabi in Mathematics for SRTMUN | 06-Aug-2018 01 | 90 |
| PPT presentation on Role of teachers in quality education | 06-Aug-2018 01 | 42 |
| Indian Academy of Science lecture workshop on Mathematics | 05-Jan-2019 03 | 150 |
| Indian Academy of Science lecture workshop on Chemistry | 11-Jan-2019 03 | 150 |
| Organized 16 inspire Science Camp | 22-Dec-2018 05 | 200 |
| Organized National Conference Intellectual Property Rights (IPR) | 22-Sep-2018 02 | 150 |
| Science Academy Refresher Course in Botany | 10-Jun-2019 15 | 25 |
| One Day Workshop on Energy Management | 07-Sep-2018 03 | 160 |
| Workshop on Skill Enhancement Course Floriculture | 18-Sep-2018 01 | 47 |
| https://assessmentonline.naac.gov.in/Public/Postacc/Quality_Initiatives/1379_Quality_Initiatives.xlsx | | |

8. Provide the list of Special Status conferred by Central/ State Government UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

| Institution/Department / Faculty | Scheme | Funding Agency | Year of award with duration | Amount |
|----------------------------------|---|-------------------------------------|-----------------------------|----------|
| Chemistry | Refresher Course | Indian Academic Sciences, Bangalore | 2017 1 | 865500 |
| Dayanand Science College, Latur | DST – Inspire Science Camp | DST | 2019 1 | 1625000 |
| Mathematics | Refresher Course | Indian Academic Sciences, Bangalore | 2018 1 | 885500 |
| Chemistry | Lecturer Workshop on Conceptual Chemistry | Indian Academic Sciences, Bangalore | 2018 1 | 179500 |
| Dayanand Science College, Latur | DST – Inspire Science Camp | DST | 2019 1 | 1300000 |
| Dayanand Science College, Latur | RUSA 2.0 Infrastructure Grant | RUSA | 2019 1 | 20000000 |
| Dayanand Science College, Latur | Ground Development Scheme | State Government (D.S.O.) | 2019 1 | 687000 |
| Botany | Refresher Course | Indian Academic Sciences, Bangalore | 2019 1 | 768250 |
| Mathematics | Lectures Workshop on Mathematics | Indian Academic Sciences, Bangalore | 2019 1 | 181500 |
| Chemistry | Theoretical Chemistry | Indian Academic Sciences, Bangalore | 2019 1 | 161500 |

| | |
|---|---|
| 9. Whether composition of IQAC as per latest NAAC guidelines: | Yes |
| Upload latest notification of formation of IQAC | https://assessmentonline.naac.gov.in/public/Postacc/Formation/1379_Formation.pdf |
| 10. Number of IQAC meetings held during the year : | 5 |
| The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website | Yes |
| Upload the minutes of meeting and action taken report | https://assessmentonline.naac.gov.in/public/Postacc/Meeting_Minutes/1379_Minutes.pdf |
| 11. Whether IQAC received funding from any of the funding agency to support its activities during the year | Yes |
| If yes, mention the amount | 60000 |
| Year | 2019 |
| 12. Significant contributions made by IQAC during the current year(maximum five bullets) | |
| Constructed Eight Digital Class Rooms. | |
| Started Ph.D. Programme in the subject of Chemistry. | |
| Organized Science Academic Refresher Course in the Subject of Botany. | |
| Organized Science Academic Lecture Workshop in the Subject of Chemistry and Mathematics. | |
| Organized different programmes for quality improvement in the faculty. | |
| https://assessmentonline.naac.gov.in/public/postacc/COntribution/1379_Contribution.xlsx | |
| 13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year | |

| Plan of Action | | Achievements / Outcomes | |
|---|--|---|-----|
| To apply for the research centre in Chemistry | | College has submitted a proposal to S.R.T.M.U. Nanded for getting recognition of research centre in the department of Chemistry, the process is in progress. | |
| To Start the B-Voc in the subject of Mobile communication technology Animation and Multimedia | | UGC approved these course on 30 July 2018 it will be started from June 2019 | |
| To Organize the National workshop on CBCS pattern of SRTMUN in the subject Mathematics for B. Sc. III year new Syllabi and SEC | | Organized "National Workshop on Recent syllabi in Mathematic for SRTMUN", at DSC, Latur during 06 Aug 2018 total 84 Teachers participants attend this workshop and they have given training about new syllabi of B.Sc. III year and SECM-III,IV | |
| To Organize the workshop on CBCS pattern of SRTMUN in the subject Physics, Chemistry, Zoology for B. Sc. III year new Syllabi and SEC | | Organized on the during 06 Aug 2018 Teachers participants attended this workshop and they have given training about new syllabi of B.Sc. III year and SECM-III,IV | |
| To organized one day workshop Customer Awareness and Financial Literacy. | | Department of Languages organized "One Day Workshop on Customer Awareness and Financial Literacy" is collaboration with National Stock Exchange under UGC-CPE programme on 18 January 2019. | |
| To Organize refresher course in Botany | | proposal is sanctioned by Sciences Academies, it will organized in June 2019 | |
| To organize one day workshop on Energy Management for UG & PG students | | UGC-CPE Sponsored One Day Workshop on 'Energy Management' for Students of College on 7-9-2018. | |
| To organize Science Academies Lecture workshop in the subject of Mathematics. | | Organized "Refresher Course in Mathematics under the sponsorship of science academies Bangalore, Delhi, Ahmadabad". During June 11-25, 2018 Total 30 Teacher Participants from all over India did this refresher course. | |
| To make Digital Class rooms for PG & PG Sections. | | 8 Digital Class rooms are made. | |
| To Organize Marathwada Mathematics Seminar Competition in for UG & PG student by Dept. of Mathematics | | Seminar Competition conducted by RSC Latur | |
| https://assessmentonline.naac.gov.in/public/postacc/Quality/1379_Quality.xlsx | | | |
| 14. Whether AQAR was placed before statutory body | | | Yes |
| Name of Statutory Body | | Meeting Date | |
| College Development Committee | | 29-Aug-2019 | |
| 15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning | | Yes | |
| Date of Visit | | 17-Jul-2019 | |
| 16. Whether institutional data submitted to AISHE: | | Yes | |

| | |
|--|--|
| Year of Submission | 2019 |
| Date of Submission | 11-Feb-2019 |
| 17. Does the Institution have Management Information System | Yes |
| If yes, give a brief description and a list of modules currently operational (maximum 500 words) | <p>The college has management information system since 2015. Using this system college manages maximum activity. Management information system has various modules which are used in the college academic and administrative system. These modules are:</p> <ol style="list-style-type: none"> 1. Online fee payment: Parents/Students can pay fees online via master soft's fee payer portal online fee collection portal, using Debit/Credit card, Net Banking, wallets, etc. from anywhere. The fees paid are directly deposited in the institute Bank Accounts. Fee payer also allows cash fee collection in campus. 2. Payroll Management: Compute Monthly pay bills supplementary bills, income Tax PF. Module allows 20 earning 30 deduction pay heads with user defined flexible pay rules. Integrated with leave attendance modules. Supports all GOI pay rules. Allows defining flexible income Tax rules. 3. Attendance Leave: Automate staff attendance via biometric integration. Process attendance data. Send SMS/email alerts. Define leave types and its Rules. Calculate monthly leaves and LWPs for each staff. Employees can apply for leaves online and sanction by authorities. Automatic periodic leave crediting. Transfer data to payroll. Auto calculation of leave / late marks. 4. Finance: Maintain any number of accounts (cash books). Integrated with fees and payroll modules. Minimize Account section work. Generate Receipts. Make payment JV entries. Print cheques Bank reconciliation. 5. Library: Lib man modules are acquisition cataloguing. Circulation, serial controls OPAC. Lib man automates procurement payments process. Borrower Records circulation, reservation, reference section Book Bank, clearance Fine, Binding, Stock Verification, Budget Analysis, Indexing Serial Control work. OPAC provides book search according to: Title, Authors, Subject, Publisher, Class/ ISBN No. Key words. 6. Attendance: Teachers can mark attendance, assign homework, and share study resources, etc. while parents can view attendance, timetable schedules, apply for leave, track bus, and chat with school admin teachers, etc. school admin can view attendance and assigned homework details, chat with teachers parents, view reports, assign rights, and send important notifications to teachers parents, etc. 7. Examination: CCMS allows defining flexible rules patterns for examination. Students register for exams online. Roll nos. are allotted and exam time table is created. After conduction of exam, faculty enters marks and result calculation is done by CCMS which is followed by result publishing. Copy case, unfair means disciplinary actions taken can also be stored. 8. Student Administration: Manage student administration and student details (academic, personal, previous exams, subjects offered, documents received, etc.) at a centralized location. Generate Roll no., section Registration / Enrollment no. semesterend / yearend promotion of students can be done in bulk. 9. Time Table Students Attendance: Define time table linking, faculty, students, classroom subject for attendance. Such different modules are used for the academic and teaching learning processes due to the system all activities and tasks of |

campus manage from a single platform. As like MIS college have CCMS, LMS, and systems for online teaching learning processes.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Dayanand Science College is affiliated to the Swami Ramanand Teerth Marathwada University, Nanded it follows the university designed curriculum. The college operates at UG & PG level keeping in mind goals and objectives that is to make the students employable through holistic education and skill development. At the beginning of the academic year Principal and IQAC conducts meeting with all faculty and improves the College training programmes for effective teaching. Time table committee frames the time table so that, each subject gets sufficient number of periods as per the guideline of university. Starting of Academic year each department arrange departmental meeting regarding the distribution of Syllabus to all faculty members. All the COC courses syllabus are designed and framed by the respective coordinator of the college and it is submitted to the affiliated university. The institution insures effective curriculum delivery and translating by implementing academic calendar, teaching diary etc. Curriculum Committee evaluates the implementation of the curriculum by faculty and students time to time. College has BOS members in zoology, fishery, chemistry departments they have contributed in designing the curriculum at university level. Principal encourages the faculties and allows them to attend the seminar, workshop on implementation of curriculum organized by affiliated university. The students are motivated and guided for participation in the science exhibitions organized by the university or any other colleges. The students are also encouraged to attend seminar competitions at university level, present their research papers in International/National level conferences, seminars, etc. In tune with the changes of syllabi made by the university, the college procures required number of books and research journals in the library. As per the curriculum, all the teaching aids, laboratory materials, books, periodical, magazines and journals are provided by the college. College arranges the industrial visits, computer awareness programmes, conferences, seminars, workshops, guest lecturers and study tours to ensure the effective implementation for the curriculum. The use of ICT, smart board, computer, well equipped laboratory facilitates etc. are made available to the students to improve their performance. P.G. Students deputed to other scientific institution to carry out their project. Along with the books and scientific journals, the college library also offers computers with internet facility, INFLIBNET N-LIST, SOUL-2, LMS software. The e-books and journals are available which enhances learning ability of students. Language laboratory software is available in the Language Laboratory established by the Department of English to improve communication skill of the students. Encourage the students regarding preparation for different examinations such as IIT- JAM, TIFR.UPSC, MPSC, MBA, MCA, NPTEL courses and other related entrance examinations and courses. The college has NET/SET Cell for coaching for the preparation of the NET/SET examinations. To improve the knowledge lecture workshops in collaboration with Indian Academy of Science is organized in different subject. To enhance the subject knowledge of students mentor and resource person from renowned scientific institutes like NCL, TIFR, IIT, IISc, BARC, UNIVERSITIES, IICT used to call to delivered the lectures related to the curriculum. The college has UGC-CPE, DIST-FIST status through

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

| Certificate | Diploma Courses | Dates of Introduction | Duration | Focus on employ ability/entreprene Urship | Skill Development |
|-------------------------------|-----------------|-----------------------|----------|---|-------------------|
| MATLAB Training Course | 0 | 19/06/2018 | 1 | Employment | Skill |

1.2 – Academic Flexibility

1.2.1 – New programmes / courses introduced during the academic year

| Programme / Course | Programme Specialization | Dates of Introduction |
|--------------------|-------------------------------|-----------------------|
| B.Sc. | B.Sc. T.Y. (Comp. Science) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. | 18/06/2018 |

| | | |
|-------|--------------------------------|------------|
| | Computer Science | |
| B.Sc. | B.Sc. T.Y. Computer Science | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. Computer Science | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. Computer Science | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. Computer Science | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. Computer Science | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. Computer Science | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Physics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Physics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Physics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Physics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Physics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Physics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Physics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Physics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Physics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Chemistry) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Chemistry) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Chemistry) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Chemistry) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Chemistry) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Chemistry) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Chemistry) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Chemistry) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Mathematics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Mathematics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Mathematics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Mathematics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Mathematics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Mathematics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Mathematics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Mathematics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Mathematics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Botany) | 18/06/2018 |

| | | |
|-------|--------------------------------------|------------|
| B.Sc. | B.Sc. T.Y. (Botany) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Botany) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Botany) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Botany) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Botany) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Botany) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Botany) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Zooology) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Zooology) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Zooology) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Zooology) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Zooology) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Zooology) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Zooology) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Electronics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Electronics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Electronics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Electronics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Electronics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Electronics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Electronics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Electronics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Electronics) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Industrial Chemistry) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Industrial Chemistry) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Industrial Chemistry) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Industrial Chemistry) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Industrial Chemistry) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Industrial Chemistry) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Industrial Chemistry) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Microbiology) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Microbiology) | 18/06/2018 |

| | | |
|-------|----------------------------|------------|
| B.Sc. | B.Sc. T.Y. (Microbiology) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Microbiology) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Microbiology) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Microbiology) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Microbiology) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Microbiology) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Comp. Science) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Comp. Science) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Comp. Science) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Comp. Science) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Comp. Science) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Comp. Science) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Comp. Science) | 18/06/2018 |
| B.Sc. | B.Sc. T.Y. (Comp. Science) | 18/06/2018 |

https://assessmentonline.naac.gov.in/public/Postacc/Program_introduces/1379_rogram_introduced_1576_90602.xlsx

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

| Name of programmes adopting CBCS | Programme Specialization | Date of implementation of CBCS/Elective Course System |
|----------------------------------|------------------------------|---|
| B.Sc. | B Sc TY Physics | 25/06/2018 |
| B.Sc. | B Sc TY Mathematics | 25/06/2018 |
| B.Sc. | B Sc TY Chemistry | 25/06/2018 |
| B.Sc. | B Sc TY Zoology | 25/06/2018 |
| B.Sc. | B Sc TY Botany | 25/06/2018 |
| B.Sc. | B Sc TY Microbiology | 25/06/2018 |
| B.Sc. | B Sc TY Industrial Chemistry | 25/06/2018 |
| B.Sc. | B Sc TY Fishery Science | 25/06/2018 |
| B.Sc. | B Sc TY Computer Science | 25/06/2018 |

| | | |
|-------|--------------------------|------------|
| B.Sc. | B Sc TY Computer Science | 25/06/2018 |
| B.Sc. | B. Sc. TY English | 25/06/2018 |
| B.Sc. | B.Sc. TY Marathi | 25/06/2018 |
| B.Sc. | B.Sc. TY Hindi | 25/06/2018 |
| B.Sc. | M Sc TY Physics | 25/06/2018 |
| B.Sc. | M Sc Mathematics | 25/06/2018 |
| B.Sc. | M Sc Organic Chemistry | 25/06/2018 |
| B.Sc. | M.Sc. Microbiology | 25/06/2018 |
| B.Sc. | M Sc Biotechnology | 25/06/2018 |
| B.Sc. | M Sc Computer Science | 25/06/2018 |
| B.Sc. | B Sc Physics | 25/06/2018 |
| B.Sc. | B Sc Mathematics | 25/06/2018 |
| B.Sc. | B Sc Chemistry | 25/06/2018 |

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

| | Certificate | Diploma Course |
|--------------------|-------------|----------------|
| Number of Students | 46 | 0 |

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

| Value Added Courses | Date of Introduction | Number of Students Enrolled |
|---------------------------------|----------------------|-----------------------------|
| SWAYAM NPTEL | 18/06/2018 | 275 |
| INSPIRE Internship Science Camp | 22/12/2018 | 200 |
| Computer Literacy | 20/06/2018 | 24 |
| Ph.D. Course Work | 25/05/2018 | 24 |
| Refresher Course in Botany | 10/06/2019 | 35 |
| Vidnyan Manch | 19/08/2018 | 70 |

https://assessmentonline.naac.gov.in/public/Postaca/Value_added_courses/1379_value_added_course_1576491219.xlsx

1.3.2 – Field Projects / Internships under taken during the year

| Project/Programme Title | Programme Specialization | No. of students enrolled for |
|-------------------------|--------------------------|------------------------------|
|-------------------------|--------------------------|------------------------------|

| | | |
|--|--|------------------------------|
| | | Field Projects / Internships |
| BSc | Industrial visit at Majara Sugar karkhana | 20 |
| https://assessmentonline.naac.gov.in/public/Postacc/Program_introduced/1379_Program_introduced_1576490602xlsx | | |
| 1.4 – Feedback System | | |
| 1.4.1 – Whether structured feedback received from all the stakeholders. | | |
| Students | | Yes |
| Teachers | | Yes |
| Employers | | Yes |
| Alumni | | Yes |
| Parents | | Yes |
| 1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution (maximum 500 words) | | |
| <ul style="list-style-type: none"> Students play a critical part in the evaluation, development and enhancement of the quality of this learning experience. Feedback from students allows the college to evaluate how its service provision is viewed by its most important group of stakeholders. Besides providing students with an opportunity to comment on the quality of the teaching and learning environment at the college, feedback ensures that lecturers are made aware of problems perceived or encountered by students, and provides an opportunity for the conduct of selfevaluation and revision, where necessary. There is formal mechanism of obtaining feedback based on the questionnaire designed by the college from students and stakeholders on curriculum. Principal formed feedback committee. Feedback committee prepared feedback form for stakeholders. Yearly, feedback committee collect the feedback forms from stakeholders on curriculum and also collect the online feedback forms on teaching evaluation from students. Feedback committee submits the collected feedback forms to IQAC. IQAC collect all the feedback forms and analyzed feedback form and reports submitted in CDC meeting. Principal and committee members have taken necessary action. Principal also informed the suggestion from stakeholders to teaching staffs by email and hard copy letter. The Principal and senior staff members interact with the students about the curriculum and provide feedback to teachers in staff meetings. After designing curriculum university arranges a workshop on designed curriculum. Our faculty members participate in the workshop and communicate the required changes as per feedback to the BOS members. By taking feedback about the curriculum the suggestion of students are communicated to BOS members for design and development of curriculum. According to the suggestions of the Industries and their requirement about curriculum, the faculty members communicate with BOS members for curriculum. Structured feedback is received from 5 types of stakeholders and it is analyzed and action is taken upon it. Collected and analyzed feedback is uploaded to the website. Uploaded stakeholders feedback report, action taken report of the institute on it as also mentioned in the minutes of the Governing Council. In addition, informal feedback is also received from time to time. Based on the feedback, action is taken in form of offering value added courses, designing remedial and bridge courses and using more student centric teaching methods. The action taken report of feedback also submitted with SSR to the NAAC office at the time of Accreditation | | |
| CRITERION II – TEACHING- LEARNING AND EVALUATION | | |

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

| Name of the Programme | Programme Specialization | Number of seats available | Number of Application received | Students Enrolled |
|-----------------------|--------------------------|---------------------------|--------------------------------|-------------------|
| B.Sc. | BSc I | 344 | 680 | 332 |
| B.Sc. | BSc II | 240 | 231 | 231 |
| B.Sc. | BSc III | 240 | 239 | 240 |
| B.Sc. | Computer Science | 96 | 228 | 93 |
| B.Sc. | Computer Science | 80 | 31 | 31 |
| M.Sc. | Chemistry - I | 60 | 112 | 45 |
| M.Sc. | Chemistry - II | 30 | 30 | 30 |
| M.Sc. | Mathematics – I | 80 | 95 | 60 |
| M.Sc. | Mathematics – II | 80 | 59 | 59 |
| M.Sc. | Physics – I | 36 | 72 | 34 |
| M.Sc. | Physics – II | 30 | 24 | 24 |
| M.Sc. | Microbiology – I | 36 | 47 | 32 |
| M.Sc. | Microbiology – II | 30 | 23 | 23 |
| M.Sc. | Computer Science – I | 36 | 77 | 36 |
| M.Sc. | Computer Science – II | 30 | 8 | 8 |
| M.Sc. | Biotechnology – I | 36 | 45 | 35 |
| M.Sc. | Biotechnology – II | 30 | 14 | 14 |
| M. Phil | Mathematics | 2 | 2 | 2 |
| Ph.D. or D. Phil | Mathematics | 16 | 15 | 15 |
| Ph.D. or D. Phil | Microbiology | 10 | 3 | 3 |
| Ph.D. or D. Phil | Physics | 36 | 16 | 16 |
| Ph.D. or D. Phil | Chemistry | 16 | 6 | 6 |

https://assessmentonline.naac.gov.in/public/Postacc/Demand_ratio/1379_Demand_ratio_1577101577.xlsx

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

| Year | Number of students enrolled in the | Number of students enrolled in the | Number of fulltime teachers | Number of fulltime teachers available in the | Number of fulltime teachers |
|------|------------------------------------|------------------------------------|-----------------------------|--|-----------------------------|
|------|------------------------------------|------------------------------------|-----------------------------|--|-----------------------------|

| | institution (UG) | institution (PG) | available in the institution teaching only UG courses | institution teaching only UG courses | teaching both UG and PG courses |
|-------------|------------------|------------------|---|--------------------------------------|---------------------------------|
| 2018 | 956 | 400 | 27 | 28 | 4 |

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

| Number of Teachers on Roll | Number of teachers using ICT (LMC, e-Resources) | ICT Tools and resources available | Number of ICT enabled Classrooms | Number of smart Classrooms | E-resources and techniques used |
|----------------------------|---|-----------------------------------|----------------------------------|----------------------------|---------------------------------|
| 56 | 56 | 204 | 19 | 10 | 26 |

2.3.2 – Students mentoring system available in the institution Give details. (maximum 500 words)

The college has developed Mentoring System for students. Objective of this system is to give personal counseling to minimize the absentee of the students, improve their performance and to solve problem of stress on the students, if any. Students undergo various problems of stress. Considering the strength of students in the classroom, it is highly impossible to give personal attention to students in classroom. One solution therefore is a Mentor who can form the bond with students in the true sense. Mentoring is required for students to achieve emotional stability and to promote clarity in thinking and decision making for overall programme. The teacher involves local guardians and parents as well, whenever necessary. In this system, each teacher is allotted specific number of students. They meet at regular interval and share various problems which may be personal, domestic, academic etc. The students are informed regarding academic, cocurricular and extracurricular activities and encouraged to participate in the activities of their interest. The Mentors observe the record of their presentee in classroom and in case of absentee for longer duration, contact the concerned student and counsels for regular attendance. The Mentors also inform the students about the examination pattern ie. Continuous internal assessment at college level and semesterend examination conducted by the university. They are also made aware regarding the examination related issues like facility of getting photocopy of answer sheet from university, revaluation of answer sheet, etc. Their queries related to examinations are solved in proper way. The evidence of success of Mentoring System includes regular attendance of classes by the students, better results in the examinations, increased participation in cocurricular and extracurricular activities, better discipline on campus and respectful relationship between teachers and students. The students are provided with the support they need. The practice also enables the high achievers to reach excellence and the slow learners to reach the minimum qualifying level.

| Number of students enrolled in the Institution | Number of fulltime teachers | Mentor : Mentee Ratio |
|--|-----------------------------|-----------------------|
| 1379 | 56 | 1:25 |

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

| No. of sanctioned Positions | No. of filled positions | Vacant positions | Positions filled during the current year | No. of faculty with Ph.D |
|-----------------------------|-------------------------|------------------|--|--------------------------|
| 71 | 56 | 15 | 2 | 21 |

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

| Year of Award | Name of full time teachers receiving awards from state level, national | Designation | Name of the award, fellowship, received from Government or |
|---------------|--|-------------|--|
|---------------|--|-------------|--|

| | | | |
|------|-------------------------------|---------------------|---|
| | level, international level | | recognized bodies |
| 2019 | V.D. Mote | Assistant Professor | Ph.D. guidship in Physics by SRTMU, Nanded. |
| 2019 | J.A. Angulwar | Assistant Professor | Ph.D. guidship in Chemistry by SRTMU, Nanded. |
| 2019 | R.S. Shinde | Assistant Professor | Indian Patent |

https://assessmentonline.naac.gov.in/public/Postacc/Honours_recived/1379/ Honours received 1576562498.xlsx

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

| Programme Name | Programme Code | Semester/ year | Last date of the last semester-end/ year-end examination | Date of declaration of results of semester-end/ year-end/examination |
|----------------|------------------|----------------|--|--|
| BSc | BSC TY | Semester | 08/05/2019 | 21/06/2019 |
| BSc | BCS FY | Semester | 26/04/2019 | 20/06/2019 |
| BSc | BCS SY | Semester | 30/04/2019 | 20/06/2019 |
| BSc | BCS TY | Semester | 27/04/2019 | 20/06/2019 |
| MSc | MSc FY Chem. | Semester | 30/04/2019 | 06/07/2019 |
| MSc | MSc SY Chem. | Semester | 30/04/2019 | 06/07/2019 |
| MSc | MSc FY Maths. | Semester | 03/05/2019 | 06/07/2019 |
| MSc | MSc SY Maths. | Semester | 03/05/2019 | 06/07/2019 |
| MSc | MSc FY Phy. | Semester | 30/04/2019 | 27/06/2019 |
| MSc | MSc SY Phy. | Semester | 30/04/2019 | 27/06/2019 |
| MSc | MSc FY Micro. | Semester | 30/04/2019 | 05/07/2019 |
| MSc | MSc SY Micro. | Semester | 30/04/2019 | 05/07/2019 |
| MSc | MSc FY Comp.Sci. | Semester | 03/05/2019 | 27/06/2019 |
| MSc | MSc SY Comp.Sci. | Semester | 03/05/2019 | 27/06/2019 |
| MSc | MSc FY Biotech. | Semester | 30/04/2019 | 17/07/2019 |
| MSc | MSc SY Biotech. | Semester | 30/04/2019 | 17/07/2019 |
| BSc | BSc FY | Semester | 08/05/2019 | 21/06/2019 |
| BSc | BSc SY | Semester | 08/05/2019 | 21/06/2019 |
| View File | | | | |
| | | | | |

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Academic Calendar of College is planned by the IQAC by taking into account the academic calendar of the parent university. The IQAC and Internal Examination Committee prepare the schedule for internal evaluation. They decide dates during which the assignments are to be given to students or tests/seminars are to be conducted and dates by which the mark lists are to be submitted. In the

odd semester, the dates for the seminars or first assignment/test for theory papers lies towards last week of August while for the second one in the last week of September. In the even semester, the dates are last week of January while for the second one the last week of February. For the practical papers, the CIE is conducted almost throughout the year. The schedule of Internal evaluation is notified to the staff through the HOD. The faculty explains the schedule and mechanism of examination to the students ie. Nature of question paper, types of evaluation methods viz. CIE (seminars, assignments, tests, tutorials) and ESE (University examination) and marking scheme. Printed Answer books are made available by the College for conducting and mark lists are submitted as per the schedule and all the record is maintained in the concerned department. The internal marks obtained by the students are uploaded online on university portal by the office of the college.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The IQAC and Internal Examination Committee prepare the schedule for internal examination (Examination schedule, evaluation schedule, etc). They decide dates during which the assignments are to be given to students or tests/seminars are to be conducted and dates by which the mark lists are to be submitted. In the odd semester, the dates for the seminars or first assignment/test for theory papers lies towards last week of August while for the second one in the last week of September. In the even semester, the dates are usually last week of January while for the second one last week of February. For the practical papers, the CIE is conducted almost throughout the year. Teaching, learning and evaluation schedule of the College is planned, organized and informed to the HODs for implementation. The faculty explains the schedule and mechanism of examination to the students ie. nature of question paper, types of evaluation methods viz. CIE (seminars, assignments, tests, tutorials) and ESE (University examination) and marking scheme. Departmental meetings are conducted at regular intervals to discuss the completion of syllabus as well as conduction of internal evaluation as per plan. Extra periods are conducted on general holidays and Sundays to complete the syllabus as per academic calendar.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://dsclatur.org/dept-of-physics/>

2.6.2 – Pass percentage of students

| Programme Code | Programme Name | Programme Specialization | Number of students appeared in the final year examination | Number of students passed in the final year examination | Pass Percentage |
|----------------|----------------------|--------------------------|---|---|-----------------|
| BSc | BSc | BSc FY | 312 | 219 | 70.19 |
| BSc | BSc | BSc SY | 228 | 177 | 77.63 |
| BSc | BSc (Agriculture) | BSc TY | 236 | 118 | 50.00 |
| BSc | BSc | BCS FY | 70 | 26 | 37.14 |

| | | | | | |
|---|-----|---------------------|----|----|-------|
| BSc | BSc | BCS SY | 30 | 25 | 83.33 |
| BSc | BSc | BCS TY | 29 | 21 | 72.41 |
| MSc | MSc | Chemistry I | 44 | 35 | 79.55 |
| MSc | MSc | Chemistry II | 29 | 15 | 51.72 |
| MSc | MSc | Mathematics I | 53 | 9 | 16.98 |
| MSc | MSc | Mathematics II | 58 | 9 | 15.52 |
| MSc | MSc | Physics I | 27 | 18 | 66.67 |
| MSc | MSc | Physics II | 24 | 15 | 62.05 |
| MSc | MSc | Microbiology I | 30 | 15 | 50.00 |
| MSc | MSc | Microbiology II | 23 | 6 | 26.09 |
| MSc | MSc | Computer Science I | 30 | 21 | 70.00 |
| MSc | MSc | Computer Science II | 7 | 5 | 71.43 |
| MSc | MSc | Biotechnology I | 24 | 18 | 75.00 |
| MSc | MSc | Biotechnology II | 14 | 13 | 92.86 |
| https://assessmentonline.naac.gov.in/public/Postacc/Pass_percentage_1576565286.xlsx | | | | | |

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://dsclatur.org/feedback/>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organizations

| Nature of the Project | Duration | Name of the funding agency | Total grant Sanctioned | Amount received during the year |
|--|----------|---------------------------------|------------------------|---------------------------------|
| Major Projects | 1825 | DST Inspire Faculty | 1000000 | 1700000 |
| Major Projects | 1825 | SERB Young Scientist | 2600000 | 760615 |
| Major Projects | 1095 | MPCB, Mumbai | 3954500 | 2072700 |
| Students Research Projects (Other than | 365 | Dayanand Science College, Latur | 50000 | 45000 |

| | | | | |
|---|--|--|--|--|
| compulsory by the University) | | | | |
| https://assessmentonline.naac.gov.in/public/Postacc/Research_Fund/1379_Research_Fund_1576923653.xlsx | | | | |

3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

| Title of workshop/seminar | Name of the Dept. | Date |
|---|---------------------|------------|
| Ph.D. Course work | Mathematics | 25/05/2018 |
| Science Academies Refresher Course n Mathematics | Mathematics | 11/06/2018 |
| National Workshop on Recent Syllabi of Mathematics for SRTMUN | Mathematics | 06/08/2018 |
| Science Academies Lecture Workshop for PG students | Mathematics | 11/01/2019 |
| Marathwada Mathematics Seminar Competition | Mathematics | 17/01/2019 |
| Workshop on syllabus | Zoology and Fishery | 06/08/2018 |
| Two days workshop on DNA technology and molecular biology techniques | Microbiology | 06/03/2019 |
| UGCCPE Sponsored one day workshop on Intellectual property Rights | Botany | 22/09/2018 |
| Skill Enhancement course in Chemistry (B.Sc. III) CBCS,SEC Practical' s | Chemistry | 06/08/2018 |
| IASc Bengaluru workshop Theoretical Chemistry | Chemistry | 05/01/2019 |
| District Level Poster Presentation competition | Computer Science | 10/01/2019 |
| One day Seminar on Carrier Opportunities in Data Analysis | Computer Science | 16/01/2019 |
| Carrier Opportunities in animation | Computer Science | 10/01/2019 |

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

| Title of the innovation | Name of Awardee | Awarding Agency | Date of award | Category |
|---|----------------------------------|--|---------------|---------------|
| Bharatratn Dr. A. P. J. Abdul Kalam international honour Award 2019 | Mr. Gangawane Sharad Chandrakant | Universal research ground Peer reviewed research journal | 08/09/2019 | International |

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

| Incubation Center | Name | Sponsored By | Name of the Start-up | Nature of Start-up | Date of Commencement |
|---------------------------------|------------------------|---|--------------------------|----------------------------|----------------------|
| Mathematics | MATLAB training | UGC | Linear Programming | Industrial Profit Problems | 14/06/2018 |
| Mathematics | MMS Seminar Completion | Marathwada Mathematics Society Aurangabad | Seminar Competition | Skilled teachers | 12/01/2018 |
| Dayanand Science College, Latur | INSPIRE CAMP | DST | Formation of Scientist | Research Innovation | 10/12/2018 |
| Physics | Mobile Repair | UGC | Communication Technology | Mobile hardware | 14/06/2018 |

[View File](#)

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

| State | National | International |
|-----------|-----------|---------------|
| 03 | 02 | 01 |

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

| Name of the Department | Number of PhD's Awarded |
|------------------------|-------------------------|
| Mathematics | 1 |

3.3.3 – Research Publications in the Journals notified on UGC website during the year

| Type | Department | Number of Publication | Average Impact factor (if any) |
|---------------|--------------------------|-----------------------|--------------------------------|
| National | Chemistry | 7 | 0 |
| National | Physis and Electronics | 3 | 0 |
| International | Mathematics | 6 | 5.22 |
| National | Microbiology | 2 | 0 |
| International | Microbiology | 2 | 0 |
| National | Language | 3 | 0 |
| International | Zoology and Fishery Sci. | 3 | 5.16 |

[View File](#)

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

| Department | Number of Publication |
|-----------------------------|-----------------------|
| Mathematics | 4 |
| Chemistry | 2 |
| Ind. Chemistry | 0 |
| Physics and Electronics | 0 |
| Computer Science | 0 |
| Botany | 1 |
| Zoology and Fishery Science | 1 |
| Microbiology | 0 |
| Languages | 4 |

[View File](#)

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

| Title of the Paper | Name of Author | Title of journal | Year of publication | Citation Index | Institutional affiliation as | Number of Citations excluding citation |
|---|--|---|---------------------|----------------|---------------------------------|--|
| Hybrid Fixed Point Theorem for Abstract Measure Integro Differential Equations | S. S. Bellale, G. B. Dapke | International Journal of Statics and Applied mathematics Vol. 3(1), 101106, ISSN 24561452 | 2018 | 5.34 | Dayanand Science College, latur | 4 |
| Iteration Method For Initial Value Problems of Nonlinear Second Order Functional Differential Equations | S. S. Bellale G. B. Dapke, D. M. Suryawanshi | Aryabhata Journal of Mathematics and Informatics. Vol.10(2),Pages 431350 ISSN (Print) : 09757139 , (Online) :23949309 | 2018 | 5.856 | Dayanand Science College, latur | 2 |
| Inequality and Comparison Theory for | N.S. Pimple, S. S. Bellale | International Journal of Research | 2018 | 6.636 | Dayanand Science College, | 0 |

| | | | | | | | |
|--|---|---|------|-------|--|---|--|
| NonLinear Differential and Integral Equations | | in Engineering, IT and Social Sciences. Vol.9(5) Pages 365373, ISSN22500588 | | | latur | | |
| Dhage Iteration Method for IVPs of Nonlinear First Order Hybrid Functional Integro Differential Equations of Neutral Type | B. C. Dhage, S.S., Bellale, R. M. Reddy | International Journal of Mathematics and its Applications. Vol. 7(3), 5567, ISSN 23471557 | 2019 | 1.08 | Dayanand Science College, latur | 4 | |
| Results In the Theory Of Perturbed Differential Equations And Integral Equations with Nonlinearity Conditions | S. S. Bellale and N. S. Pimple | International Journal of Emerging Technologies and Innovative Research, Vol 6(5), Pages 620631 ISS N23495162 | 2019 | 5.87 | Dayanand Science College, latur | 2 | |
| Inequality and Maximal Minimal solutions for Nonlinear Differential and Integral Equations | N.S. Pimple, S. S. Bellale | International Journal of Research in Engineering, IT and Social Sciences. Vol.9(5)Pages 365373, IS SN22500588 | 2019 | 6.565 | Dayanand Science College, latur | 0 | |
| DBU Catalysed Solvent free Micro wave Assisted OnePot Three Component Synthesis of Pyrano Pyrimidine Trione with its Derivatives . P2633. | Dr.J.A. Angulwar | Ajanta ISSn/ISBN No 22775730 | 2019 | 5.05 | Dayanand Science College, latur | 0 | |
| A facile Synthesis of Some New Pyrimi | Dr.J.A. Angulwar | Indian Journal of Heterocycl ic Chemistry ISSn/ISBN No | 2018 | 0.096 | Dayanand Science College, latur | 1 | |

| | | | | | | | |
|---|--------------------|---|------|-------|--|---|--|
| do[2,3d]1,3,4th iadia zoles with their Biological Potential. P.267274 | | 09711627 | | | | | |
| An Efficient and simple method for Synthesis of 2phenyl2,3dih ydro Quinazolin 4(1H)ones catalyzed by imidazolium ionic liquid 498502. | Dr. S. S. Mahurkar | International journal of research and Analytical reviews (ijrar), 6 (1)2348126 | 2019 | 4.236 | Dayanand Science College, latur | 0 | |
| Synthesis of Benzimi dazole Derivatives in An Aqueous Media and Reflux Conditions Catalysed by LProline at pH4.2, P: 485491 | Dr. S. S. Mahurkar | Internatioal journal of research and Analytical reviews(ijrar) 6(1)23481269 | 2019 | 4.236 | Dayanand Science College, latur | 0 | |
| An Efficient and green synthesis of 2,3dihy droquinazo lin4(1H)one derivatives catalyzed by {[bmim]metha nesul phonate}ionic liquid pp.779787 | Dr. S. S. Mahurkar | Journal of Green and Herbal chemistry (IJGHC) 20 1822783229 | 2018 | 1.793 | Dayanand Science College, latur | 0 | |
| Activated carbon supported ionic liquid as highly efficient and reusable catalyst for synthesis of 1,8- Dioxooctahydr | Dr.S.S.Mahurkar | International Journal of Green and Herbal chemistry (IJGHC) 2018.2278-3229 | 2018 | 1.793 | Dayanand Science College Latur | 0 | |

| | | | | | | | |
|---|---|---|---------------|-------|--------------------------------|----|--|
| oxanthene derivatives, pp.788-796 | | | | | | | |
| Highly Efficient Direct Synthesis of Scaffold 9a,10,12,12a-Tetrahydrobenzo[b]cyclopenta[f]pyrrolo[1,2-d][1,4]diazepinone by Using Active Phosphomolybdic Acid | Yuvaraj P. Sarnikar, a Dhanraj O. Biradar, b Yogesh D. Mane, c* and Bhimrao C. Khaded | <i>J. Heterocyclic Chem</i> 10.1002/jhet.3500 | 2019 | 1.14 | Dayanand Science College Latur | 02 | |
| B(C6F5)3 catalyzed synthesis of dihydropyrano [3,2-b] chromenediones under solvent-free conditions | Yuvaraj P. Sarnikar, Yogesh D. Mane, Dhanraj O. Biradar & Bhimrao C. Khade | Synthetic Communications 10.1080/00397911.2019.1585542 | 2019 | 1.377 | Dayanand Science College Latur | 0 | |
| A combined X-ray, optical, and radio view of the merging galaxy cluster MACS J0417.5-1154 | <u>Pandge, M. B.;</u> <u>Monteiro-Oliveira, R.;</u> <u>Bagchi, J.;</u> <u>Simionescu, A.;</u> <u>Limousin, M.;</u> <u>Raychaudhury, S.</u> | Monthly Notices of the Royal Astronomical Society, Volume 482, Issue 4, p.5093-5105 DOI: 10.1093/mnras/sty2937 | February 2019 | | Dayanand Science College Latur | 0 | |
| AGN Feedback in Galaxy Groups: A Detailed Study of X-Ray Features and Diffuse Radio Emission in IC 1262 | <u>Pandge, M. B.;</u> <u>Sonkamble, S. S.;</u> <u>Parekh, Viral;</u> <u>Dabhade, Pratik;</u> <u>Parmar, Avni;</u> <u>Patil, M. K.;</u> <u>Raychaudhury, Somak</u> | The Astrophysical Journal, Volume 870, Issue 2, article id. 62, 12 pp. (2019). DOI: 10.3847/1538-4357/aaf105 | January 2019 | | Dayanand Science College Latur | 0 | |

| | | | | | | | |
|--|--|---|------|----|---|---|--|
| Precipitated cobalt doped ZnO nanoparticles with enhanced low temperature xylene sensing properties | Umadevi Godavarti, VD Mote, MV Ramana Reddy, P Nagaraju, Y Vijaya Kumar, Kalyana Tulasi Dasari, Madhava P Dasari | Physica B: Condensed Matter 553, 151-160 | 2019 | 03 | Thin Films and Materials Research Laboratory, Dept. of Physics, Dayanand Science College, Latur, 413512 Maharashtra, India | 0 | |
| Structural, morphological, magnetic and electrical properties of Ni-doped ZnO nanoparticles synthesized by co-precipitation method | M Dasari, U Godavarti, V Mote | Process. Appl. Ceram. 12, 100-110 | 2018 | 03 | Thin Films and Materials Research Laboratory, Dept. of Physics, Dayanand Science College, Latur, 413512 Maharashtra, India | 0 | |
| Formation of defect, oxygen vacancy creation, and shifting of phonon mode by Li ³⁺ swift heavy ion irradiation on Zn _{1-xx} Mn _x O thin films | HA Khawal, VD Mote, K Asokan, BN Dole | Journal of Solid State Electrochemistry 22 (4), 1237-1248 | 2018 | 02 | Department of Physics Dayanand Science College Latur India | 0 | |
| Structural, optical and magnetic properties of Co doped CuO nanoparticles by sol-gel auto combustion technique | SP Kamble, VD Mote | Solid State Sciences 95, 105936 | 2019 | - | Thin Films and Materials Science Research Laboratory, Department of Physics, Dayanand Science College, Latur, 413 512, Maharashtra, India | 0 | |

[View File](#)

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

| Title of the Paper | Name of Author | Title of journal | Year of Publication | h-index | Number of Citations excluding self citation | Institutional affiliation as mentioned in the publication |
|---|---|---|---------------------|---------|---|---|
| Tetrabutyl ammonium Hydrogen Sulphate mediated Three component reaction for the synthesis of Thiadiazolo[2,3b]Quinazolin 6(7H)-ones and Antioxidant Activity. P653660 | Dr.J.A. Angulwar | Materialstoday: Proceeding, Elsevier ISSN/ISBN No. 22147853 | 2019 | 2 | 0 | Dayanand Science College, Latur |
| Highly Efficient Direct Synthesis Scaffold 9a,10,12,12a Tetrahydrobenzo[cyclopent a[f]pyrrolo [1,2d][1,4]diazepi | Yuvaraj P. Sarnikar, a Dhanraj O. Biradar, b Yogesh D. Mane, c and [b Bhimrao C. Khaded | Heterocyclic Chem10.1002/jh et. 3500 | 2019 | 0 | 2 | Dayanand Science College, Latur |

| | | | | | | |
|---|--|---|------|----|---|--|
| none by Using Active Phosphomolybdic Acid | | | | | | |
| B(C ₆ F ₅) ₃ catalyzed synthesis of dihydro pyrano[3,2-b]chromenediones under solvent free conditions | Yuvaraj P. Sarnikar, Yogesh D. Mane, Dhanraj O. Biradar Bhimrao C. Khade | Synthetic Communications 10.1080/00397911.2019.1585542 | 2019 | 0 | 0 | Dayanand Science College, Latur |
| A combined X-ray, optical, and radio view of merging Galaxy cluster MACS J0417.51154 | Pandge, M B. Monteiro Oliveira, R. Bagchi, J. Simionescu, A. Limousin, M. Raychaudhury, S. | Monthly Notices of the Royal Astronomical Society, Volume 482, Issue 4, p.50935105 DOI: 10.1093/mnras/sty2937 | 2019 | 5 | 2 | Dayanand Science College, Latur |
| AGN Feedback in Galaxy Groups: A Detailed Study of X-ray Features and Diffuse Radio Emission in IC 1262 | Pandge, M. B. Sonkamble, S.S. Parekh, Viral Dabhade, Pratik Pramard, Avni Patil, M. K. Raychaudhary, Somak | The Astrophysical Journal Volume 870, Issue 2, article id. 6212 pp. (2019). DOI: 10.3847/15384357/aad105 | 2019 | 5 | 0 | Dayanand Science College, Latur |
| Precipitated cobalt doped ZnO nanoparticles with enhanced low temperature xylene sensing properties | Umadevi Godavarti, V D Mote, M V Ramana Reddy, P Nagaraju, Y Vijaya Kumar, Kalyana Tulasi Dasari, Madhava P Dasari | Physics B: Condensed Matter 553, 151160 | 2019 | 10 | 4 | Thin Films and Materials Research Laboratory, Dept. of Physics Dayanand Science College, Latur 413512 Maharashtra, India |
| Structural, morphological, magnetoelectrical properties of Ni doped ZnO nanoparticles synthesized by coprecipitation method | M Dasari, V Godavarti, V D Mote | Process. Appl. Ceram. 12, 100110 | 2018 | 10 | 3 | Thin Films and Materials Research Laboratory, Dept. of Physics Dayanand Science College, Latur 413512 Maharashtra, India |
| Formation of defect, oxygen vacancy | HA Khawal, V D Mote, K Asokan, B N | Journal of Solid State Electrochemi | 2019 | 10 | 2 | Department of Physics Dayanand Science College, Latur India |

| | | | | | | |
|---|----------------------|---------------------------------|------|----|---|---|
| creation, and shifting of phonon mode by Li ₃ swift heavy ion irradiation Zn _{1-x} Mn _x O thin films | Dole | stry 22 (4), 12371248 | | | | |
| Structural , optical magnetic properties of Co doped CuO nano particles by solgel combustion technique | S P Kamble, V D Mote | Solid State Sciences 95, 105936 | 2019 | 10 | 0 | Thin Films and Materials Science Research laboratory, Department of Physics Dayanand Science College, Latur, 413512, Maharashtra, India |

[View File](#)

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

| Number of Faculty | International | National | State | Local |
|-----------------------------|---------------|----------|-------|-------|
| Attended/Seminars/Workshops | 5 | 19 | 18 | 39 |
| Presented papers | 3 | 9 | 2 | 0 |
| Resource persons | 3 | 2 | 2 | 7 |

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organizations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

| Title of the activities | Organising unit/ agency/ collaborating agency | Number of teachers coordinated in such activities | Number of students participated in such activities |
|--|---|---|--|
| Ramanujan mathematics Competition | Marathwada Mathematical Society | 2 | 60 |
| Marathwada Mathematics seminar Competition | Marathwada Mathematical Society | 1 | 5 |
| National Mathematics Day | Dayanand Science College | 5 | 240 |
| Gandhi Vichar Sanskar Pariksha | Gandhi Vichar Foundation, Jalgoan | 2 | 77 |
| Blood donation | Bhalchandra blood bank | 5 | 87 |
| Tree plantation | N.S.S | 7 | 127 |
| Yuva Mahiti doot | N.S.S. | 2 | 76 |
| Anti Tobacco (Pledge) | N.S.S./ N.C.C. | 3 | 230 |

[View File](#)

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

| Name of the activity | Award/Recognition | Awarding Bodies | Number of students Benefited |
|----------------------|-------------------|-----------------|------------------------------|
| Nil | Nil | Nil | 00 |

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

| Name of the scheme | Organising unit/Agency/collaborating agency | Name of the activity | Number of teachers coordinated in such activities | Number of students participated in such activities |
|--------------------|---|----------------------|---|--|
| Aids Awareness | Medical Office, Latur | Aids Awareness Rally | 2 | 41 |
| Swachh Bharat | S.R.T.M.U.N | Cleaness drive | 5 | 98 |

[View File](#)

3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

| Nature of activity | Participant | Source of financial support | Duration in day |
|----------------------|-------------|-----------------------------|-----------------|
| Ph. D Course Work | 25 | Dayanand Science College | 15 |
| Research Centre Work | 8 | Dayanand Science College | 18 |

[View File](#)

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

| Nature of linkage | Title of the linkage | Name of the partnering institution/ industry /research lab with contact details | Duration From | Duration To | Participant |
|-------------------|----------------------------|---|---------------|-------------|-------------|
| Research | Research | Matoshree Engg. College Nanded | 01-Jul-18 | Dec.-2018 | 01 |
| Publication | Editorial Board | Balaghat Mathematical Science Society, India | One Year | | 03 |
| Innovation | Research Completion | Marathwada Mathematical Society | One year | | 120 |
| Research | Research Centre | Udaygiri Mahavidhyalya Udgir | 5 Years | | 06 |
| Research | Facilities | Department of Biotechnology NCCS | 01.05.2019 | 30.06.2019 | 1 |
| Research | Participation in Anvenshan | Pacific academy of higher education and research institution, Udaypur | 10.01.2019 | 11.01.2019 | 2 |

| | | | | | |
|-------------------|---|--|------------|------------|-----|
| Research | Summer training | Department of Biotechnology, SPPU, PUNE | 02.05.2019 | 22.06.2019 | 1 |
| Research | Research Project | National centre for cell sciences , PUNE | 01.07.2019 | 30.11.2019 | 1 |
| Facility Exchange | Guest Lecture on Advanced database administration | Mr. Arun Shinde | 15.10.2018 | 15.10.2018 | 25 |
| Research | District level Avishkar Competition | COCSIT Latur | 19.12.2018 | 19.12.2018 | 5 |
| Facility Exchange | Carrier Guidance on Animation film | Dayanand Art' s College, Latur Rajesh Khare | 10.01.2019 | 10.01.2019 | 70 |
| Facility Exchange | Ethical Hacking and network security | Mali Nandkishor | 24.08.2018 | 24.08.2018 | 157 |
| Facility Exchange | ESR spectroscopy | Dr. R. M. Tigote Dr. B.A. M.U. Subcenter, Osmanabad | 21.04.2019 | 21.04.2019 | 22 |
| Facility Exchange | Sexual harrasment of Women at workplace | Dr. Poonam Nathani Dayanand Law College, Latur | 17.01.2019 | 17.01.2019 | 52 |
| Facility Exchange | Health is wealth | Dr. Snehal Deshmukh Gyanacologist Deshmukh Hospital, Latur | 17.01.2019 | 17.01.2019 | 48 |

[View File](#)

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

| Organisation | Date of MoU signed | Purpose/Activities | Number of students/teachers participated under MoUs |
|---|--------------------|--------------------------------------|---|
| Dept.Of Physics ,CMR Technical Campus Medchel,Hyderabad 501401 ,Telangana,India | 07.03.2019 | Research | 4 |
| Maharashtra Center For entrepreneurship Development(MCED) Latur | 22.07.2019 | Technology trasfer | 0 |
| KBD Arts Commerce, Science College ,Guhagar | 17.02.2018 | Research | 2 |
| Maharashtra Ugaigiri Mahavidhyalay, Udgir. | 17.06.2019 | Research | 8 |
| Rajarshi Shahu Mahavidyalaya Latur | 01.09.2018 | Faculty Exchange & Research Activity | 310 |

| | | | |
|--|------------|---|---|
| Shri Kumaswami Mahavidlaya Ausa Dist. Latur | 18.06.2018 | Faculty Exchange & Research Activity | 6 |
|--|------------|---|---|

[View File](#)

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

| | |
|--|--|
| Budget allocated for infrastructure augmentation | Budget utilized for infrastructure development |
| 3300000 | 208065 |

4.1.2 – Details of augmentation in infrastructure facilities during the year

| Facilities | Existing or Newly Added |
|--|-------------------------|
| Campus Area | Existing |
| | Newly Added |
| Class rooms | |
| Laboratories | Newly Added |
| Seminar Halls | Existing |
| Classrooms with LCD facilities | Newly Added |
| Classrooms with Wi-Fi OR LAN | Existing |
| Seminar halls with ICT facilities | Existing |
| Value of the equipment purchased during the year (rs. in lakhs) | Newly Added |
| Number of important equipments purchased (Greater than 1-0 lakh) during the current year | Newly Added |

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

| Name of the ILMS software | Nature of automation (fully or partially) | Version | Year of automation |
|---------------------------|---|----------|--------------------|
| Soul 2.0 | Fully Auomated | 2.0.0.12 | 2009 |

4.2.2 – Library Services

| Library Service Type | Existing | | Newly Added | | Total | |
|----------------------|----------|----------|-------------|--------|-------|----------|
| | No. | Value | No. | Value | No. | Value |
| Text Books | 67536 | 12540886 | 326 | 238378 | 67862 | 12779264 |
| Reference Books | 1551 | 1861531 | 64 | 140800 | 1615 | 2002331 |
| e-Books | 80409 | 5000 | 80409 | 5000 | 80409 | 5000 |
| Journals | 17 | 661610 | 17 | 44100 | 17 | 705710 |
| e-Journals | 3800 | 5000 | 3828 | 5000 | 3800 | 5000 |
| Digital Database | | | | | | |

| | | | | | | |
|-----------------------|-----|---------|-----|--------|------|---------|
| CD & Video | 242 | 10600 | 4 | 350 | 246 | 10950 |
| Library automation | 0 | 0 | 2 | 242000 | 2 | 242000 |
| Weeding (hard & soft) | 0 | 0 | 0 | 0 | 0 | 0 |
| Others (specify) | 846 | 1144247 | 789 | 82294 | 1635 | 1226541 |

[View File](#)

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

| Name of the teacher | Name of the teacher | Name of the teacher | Name of the teacher |
|---------------------|---------------------|---------------------|---------------------|
| Dr. S.S. Bellale | Mathematics | edscl.in | 17.03.2019 |
| Dr. R.S. Shinde | Chemistry | edscl.in | 25.03.2019 |
| Dr. R.B. Shinde | Computer Science | edscl.in | 12.04.2019 |
| Dr. L.v. Thakre | Electronics | edscl.in | 22.04.2019 |
| Dr. R.V. Solunke | Zoology | edscl.in | 15.05.2019 |
| Dr. R.A. More | Microbiology | edscl.in | 27.05.2019 |

[View File](#)

4.3 IT Infrastructure

4.3.1 Technology Upgradation (overall)

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Departments | Available bandwidth (MGBPS) | Others |
|----------|-----------------|---------------|----------|------------------|------------------|--------|-------------|-----------------------------|--------|
| Existing | 204 | 6 | 0 | 6 | 0 | 16 | 41 | 100 | 12 |
| Added | 7 | 0 | 0 | 0 | 0 | 4 | 3 | 0 | 10 |
| Total | 211 | 6 | 0 | 6 | 0 | 20 | 44 | 100 | 22 |

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

10 MBPS/ GBPS

4.3.3 – Facility for e-content

| | |
|--|--|
| Name of the e-content development facility | Provide the link of the videos and media centre and recording facility |
| Audio Video Lectures | https://ndl.iitkgp.ac.in/ |

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

| Assigned budget on academic facilities | Expenditure incurred on maintenance of academic facilities | Assigned budget on physical facilities | Expenditure incurred on maintenance of physical facilities |
|--|--|--|--|
| 2298800 | 773575 | 3407254 | 3072323 |

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

For the maintenance and upkeep of physical, academic and support facilities of the College, budgetary provisions are made in the meetings of College Development Committee.

- For the maintenance and upkeep of the infrastructure, the Institution consults the professional architects/ engineers/consultancies. AMC agreement is done regularly with various agencies.
- During all maintenance and up gradation work related to civil and electrical, a supervisor is assigned by the college authority to ensure the work done by the contractors and all other agencies.
- The electrical equipments and systems are maintained by the appointed electrician of the college.
- All minor faults are attended and repaired by hired technicians, carpenters, etc.
- Renovation, beautification and painting of the physical infrastructure and campus are done as per the needs through external agencies.
- For the uninterrupted power supply, the College has UPS backup, inverters and generators.
- Stock Register is maintained by the concerned departments. The Stock Verification Committee physically verifies the resources and submits its report to the Principal every year. On the basis of the reports and suggestions, the Principal takes corrective actions, if needed for the optimum use and maintenance of the physical, academic and support facilities.

Laboratory Equipments/Machineries:-

- ❖ Gas connection pipe is checked regularly for any leakage by staff from Government authorized Gas Agencies or by any able technician.
- ❖ For the proper maintenance of laboratory equipment's, professional consultants, company representatives, technicians are called according to the needs of the various departmental equipment maintenance.

Computer and IT Infrastructure :-

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

Sports :-

- ❖ The maintenance of sport facilities and Gymnasium equipment's 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 by AMC contract.
- ❖ Electrician, plumber, gardener, lift operator, etc special trained staffs are appointed to look after the overall maintenance as per their skills.

Also two separate employees are recruited for the regular monitoring and supervision of overall physical facilities maintenance required time to time.

CRITERION V - STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

| | Name/Title of the scheme | Number of students | Amount in Rupees |
|------------------------------------|---|--------------------|------------------|
| Financial Support from institution | Students Welfare Schemes for Research, Scholarship, Meritorious Prize, Youth Festival, Sports, Earn and Learn | 187 | 244991 |

| | | | |
|---------------------------------------|---------|----|--------|
| | Schems | | |
| Finanacial Support from other sources | | | |
| a) National | Alumini | 35 | 152000 |
| B) International | 0 | 0 | 0 |
| View File | | | |

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

| Name of the capability enhancement scheme | Date of implemetation | Number of students enrolled | Agencies involved |
|---|-----------------------|-----------------------------|--|
| Guidance for competitive examinations | 01/07/2019 | 259 | Dept. of Physics and Mathematics, DSC, Latur. |
| Career Counselling | 01/07/2019 | 502 | Dept. of Computer Science and Placement Cell, DSC, Latur |
| Soft skill development | 01/07/2019 | 247 | Dept. of Computer Science and Placement Cell, DSC, Latur |
| Language lab | 01/07/2019 | 20 | Dept. of English, DSC, Latur |

[View File](#)

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

| Year | Name of the scheme | Number of Benefited students for competeive examination | Number of benefited students by career counseling activities | Number of Students who have passed in the comp. exam | Number of Students placed |
|------|--------------------------------------|---|--|--|---------------------------|
| 2018 | Guidance for competitive examination | 257 | 502 | 3 | 1 |

[View File](#)

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

| | | |
|---------------------------|--------------------------------|---|
| Total grievances received | Number of grievances redressed | Avg. number of days for grievance redressal |
| 0 | 0 | 0 |

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

| On campus | | | Off campus | | |
|-------------------------|--------------------|--------------------|-------------------------|--------------------|--------------------|
| Number of organizations | Number of students | Number of students | Number of organizations | Number of students | Number of students |
| | | | | | |

| | | | | | |
|--------------------------------------|--------------|--------|---------------------------------|--------------|--------|
| visited | participated | placed | visited | participated | placed |
| Rajarshi Shahu Mahavidyalaya , Latur | 126 | 0 | Dayanand Science College, Latur | 15 | 1 |
| View File | | | | | |

5.2.2 – Student progression to higher education in percentage during the year

| Year | Number of Students enrolling into higher education | Number of Programme graduated from | Department graduated from | Number of Institution joined | Name of programme admitted to |
|---------------------------|--|------------------------------------|---------------------------|------------------------------|-------------------------------|
| 2019 | 72 | Dayanand Science Collge, Latur | Science | As per List | As per List |
| View File | | | | | |

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

| Items | Items |
|---------------------------|-------|
| NET | 2 |
| SET | 0 |
| SLET | 0 |
| GATE | 0 |
| GMAT | 0 |
| CAT | 0 |
| GRE | 0 |
| TOFEI | 0 |
| Civil Services | 0 |
| Any Other | 0 |
| View File | |

5.2.4 – Sports and cultural activities / competitions organized at the institution level during the year

| Activity | Level | Number of Participants |
|--|-------------|------------------------|
| Farewell Function (M.Sc Physics) | Institution | 36 |
| Farewell Function (Computer Science) | Institution | 28 |
| Farewell Function (M.Sc. Microbiology) | Institution | 30 |
| Marathi Language Day | Institution | 53 |
| Science Association Function (Anti Superstition) | Institution | 145 |

| | | |
|---|-------------|-----|
| Alpsankhyak Day | Institution | 29 |
| Science Association Function (Gurgarav Sohala) | Institution | 191 |
| Welcome Function (Computer Science) | Institution | 45 |
| Welcome Function (M.Sc. Physics) | Institution | 41 |
| Cricket (Women) Tournament (A zone) | University | 44 |
| Volleyball (Men &Women) Tournament (A zone) | University | 25 |
| Table Tennis (M&W)Tournament | University | 16 |
| Cricket | Institution | 96 |
| Badminton | Institution | 35 |
| Chess | Institution | 12 |
| Volleyball | Institution | 42 |
| Athletics | Institution | 23 |
| Eassy writing | Institution | 34 |
| Hairstyle | Institution | 3 |
| Mehandi | Institution | 14 |
| Singing | Institution | 15 |
| Solo Dance | Institution | 10 |
| Poster Painting | Institution | 15 |
| Elocution | Institution | 10 |
| Poetry Recitation | Institution | 15 |
| Debate | Institution | 3 |
| Extempore Speech | Institution | 7 |
| Rangoli | Institution | 8 |
| Gropu Dance | Institution | 4 |

[View File](#)

5.3 – Student Participation and Activities

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

| Year | Name of the award/medal | Nation/International | Number of awards for Sports | Number of awards for Cultural | Students ID Number | Name of the Student |
|------|-----------------------------------|----------------------|-----------------------------|-------------------------------|--------------------|----------------------|
| 2018 | III rd Mimicry | National | 0 | 1 | 2460 7956 3330 | Hasale Sumit |
| 2018 | Runners Up- Soft Ball (Men) | National | 1 | 0 | 5435 6026 4004 | Kadam Rahul Sunil |

| | | | | | | |
|------|--|----------|---|---|-------------------|-------------------------------------|
| 2018 | Runners Up- Soft Ball (Men) | National | 1 | 0 | 9679 3196 3671 | Lamture Prasenjeet Sathishrao |
| 2018 | Participated NCC Republic Day and the prime minister Rally | National | 0 | 1 | 6916 9762 9945 | Bhute Nishad |

[View File](#)

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

According to the directives received from Director, department of students development SRTMU, Nanded formed the student council every year. The class representatives are finalized from the direction on meritorious basis according to the student development office. These CRs form the student council. Election for the post of 'General Secretary' (GS) takes place as per the schedule given by University. The details of GS elected are forwarded to the DSD office. The candidate may participate in University level student council election as per his/her will. Functioning of student council starts from the first meeting held under the chairmanship of Principal. The roles and responsibilities of the council members are explained to them. Also student's representatives on various committees in college are finalized in this meeting based on their qualities/expertise. They are introduced to the conveners of such committees at the end of the meeting. The student council representatives are also participating in meetings of various committees express their views regarding dates, nature of the activity. For example CR in Annual Magazine (Unmesh) committee discuss the theme of the year, in science association committee they suggest the schedule of science day and various events celebrated in college premises like avishkar, anwenshan, poster presentation and different competition, internal evaluation week, in NSS advisory committee CR recommend the topics for sessions in special camping, in WDC (Yuvati Kalyan Mandal) meetings lady representative takes active participation and discussed various issues related to them. The annual social gathering is a major activity totally organized by student council. It includes variety of subjects like Rose day, Chocolate day, traditional day, food festival, competitions along with cultural programs. Scheduling, allocation of events is all taken care by the CRs. The student's council meetings are held at regular interval. CRs discuss their experiences, problems encountered by students in day to day functioning of academic as well as administrative work. Grievances if any are shared with the principal and other members. Principal as head of the institute takes appropriate measures based on the issues raised. During the meetings the council is informed about future activities and events to be organized in the college. During number of conferences, workshops, sport events, extra and cocurricular activities organized on campus CRs along with their peers extend great help through volunteering. College has organized State and National level activities with this student force. Network of CRs is used to take student's feedback on various aspects like curriculum delivery, teaching learning, assessment, infrastructure, student support schemes, extension activities, governance, library facility etc. by online system. This feedback is of prime importance for college. It is discussed in IQAC while strategies and planning for coming year is finalized. Value aided courses, Add on courses, additional internal evaluation, time slots for student related activities addition of infrastructure is planned using this feedback. The student council thus forms an integral part of academic and administrative ambience of college.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association

Dayanand Science College has been established in 1961. It is single faculty college since than till today many number of outgoing students is the Alumni of this college these personalities are working in India at various places and abroad also in academic, industrial, financial and administration sector. The alumni includes all the profession like businessman, doctors, engineers, chartered accountants, judges, lawyer,

teachers, professors, industrialists, contractors, builders, principals etc. They all belongs to the family of Dayanand Science College and always contribute whenever and wherever necessary with their services giving guest lectures opportunity to our students and financial contribution for the benefit and development of college. Previously the alumni peoples was contributing individually later on they formed an alumni association but not registered and contributing as a group in different capabilities. In the year 2004 the authorities of alumni has formed an advisory committee and formed an alumni association which has turned out in to alumni association and registered on 16.03.2016 since then the formation of President, Vice president and other member are looking in various matters of development and financial contribution to the college.

Alumni association was working since 2004 and registered on 16.03.2016.

The mission of the alumni associations is to

(1) Promoting alumni relationships of DSCL faculty and students (2) Fostering commitment among students for obtaining Jobs, financial help and guidance (3) enabling student–alumni interactions and 4) to help economically and socially poor students of this college and surrounding regional peoples and 5) to help stock holders and students through guidance of alumni to get opportunities in corporate sector. This mission is brought to life through events and programs such as maintaining alumni website and social media pages, maintaining alumni database, fostering alumni visits to campus, helping alumni with University-related activities, providing job portal for students, encouraging giving back by alumni, donations, lectures, sponsorships etc. Recognizing exceptional alumni through awards given to the meritorious student' s who secured first rank in the respective subjects. These include:

- Alumni are encouraged to give back to the College through various means.
- The contribution of alumni association till today is above 5 Lakhs rupees.

5.4.2 – No. of enrolled Alumni:

534

5.4.3 – Alumni contribution during the year (in Rupees) :

152000

5.4.4 – Meetings/activities organized by Alumni Association :

03

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

Describe the vision and mission statement of the institution on the nature of governance, perspective plans and participation of the teachers in the decision making bodies of the institution within a maximum of 500 words

Response:

• Vision of the Institute:

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

• Mission Statement of the Institution:

“आ नो भद्रा क्रतवो यन्तु विश्वतः” Let the noble thoughts come to us from all the direction of the universe.

• Goals and Objectives of the Institution:

- 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 inculcate discipline, sincerity and devotion among the students to make them most responsible and respectable citizens of India.
- To prepare the students to face the challenges of the competitive world.

Nature of The governance and Prospective Plans:

Through its vision and mission statements, our college aims to provide the quality education to the students of rural area. The management is committed to the aim of quality education by providing with all physical resources and advance tools of techniques to the students essential for the curriculum. The students are nurtured to become socially aware and responsible citizens by actively participating in the programmes like N.S.S., N.C.C., Yuvati Kalyan Mandal, Students Workshops, Seminars And Conferences along with sport competitions. The minds of students are groomed with social and spiritual values through such activities. The students of rural area are given opportunities to take and develop leadership through cultural events thus fulfilling the vision through quality education.

Nature of Governance :

Our institute is having a participatory and decentralized system of Governance. At the top most level we have a board of Management trustees and Governing Council of management. Governing Council is the highest body to frame and implement the policies of the Management.

The direct access of the college is with College Development Committee. Important policy decisions are in management council and the decisions are conveyed to the principal through L.M.C. The Principal implement and monitor O.S., H.O.D' s, Committee members and co-ordinators of various associations time to time.

Perspective plans :

The IQAC prepares the perspective plan to assure the quality education taking into considerations the suggestions given by stake holders.

The college has UGC-CPE, DST-FIST, RUSA Grants, Best College award, Best Principal Award etc., with some of future plans

1. To get Cluster Autonomous status
2. Star college award
3. To introduce P. G. Courses in basic.
4. To face the problems of the region, few career oriented courses to be introduced.
5. To Promote research, well equipped laboratories and infrastructural facilities to be improved.
6. To Provide hostel facilities to Boys as institution already have well furnished girls hostel.
7. To create job opportunities through placement cell (NET / SET) counseling.
8. To inculcate and impart the social values among the students, institute planned to develop Indoor and Outdoor stadium.
9. To enhance the share of participation in cultural activities at State and National level.

Participation of teachers:

The top management of institution provides autonomy to the principal of the college. Principal provide autonomy to all H.O.D of the faculty members for teaching methodologies and innovative practices to ensure quality education. Faculty are given full Eledged academic autonomy for curriculum design and implementation of COC-UGC, UGC-innovative programmes. Organization of workshops, seminars and conferences and the themes of their interest. Participation of the Teachers in the decision making bodies of the institution :The principal as the head of the institution assumes "first among equals" and works on the Principles of delegation and decentralization of responsibilities. He protects the stakes of the college, partakes in liaison with stakeholders, motivates staff in academic efficiency, ensures their accountability and participation in national/international events, applies cost control techniques to all expenditure, applies delegation techniques, promotes team spirit and ensures enhanced level of involvement of all stakeholders. The HoD along with his colleagues plays a key role in the administration. Thus, teaching staff, students and the administration, plan design and execute the curricular, co-curricular and extra-curricular activities effectively. The active participation of teachers in decision making is ensured through their representation as members of Advisory Committee, Governing Council, Academic Council, BoS, BoE, Finance Committee, Research Committee, College Development Council, IQAC, UGC, Grievance Redressal, Anti Ragging, , Internal Compliance Committee, SC/ST,OBC, Minority Cell, Malpractice Prevention and various Working Committees formulated by college .

File Description

- [Paste link for additional information](#)
- [Upload any additional information](#)

6.1.2 – Does the institution have a Management Information System (MIS)

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

| Strategy Type | Details |
|-----------------------|--|
| Teaching and Learning | <p>The teaching learning process is monitored and evaluated by the Principal and Vice Principal of the College. The quality of teaching and learning is also assessed on the basis of the results of the subjects. At the end of every semester, the results of each subject and every paper are scrutinized and if the results are not satisfactory, it is communicated to the teacher and asked to improve the results next time. There is no formal system for the monitoring and evaluation of the quality of teaching learning. All the class rooms are under the watch of CCTV Cameras. The Principal, Vice Principal and senior most teachers always observe the footage of teaching learning process in the class rooms. Sometimes the Principal and Vice Principal take rounds to the classrooms and laboratories to monitor and supervise the teaching learning process. It yields positive output by the first hand knowledge of them. Sometimes the Principal and Vice Principal also attend the lectures at the class rooms to evaluate and assess the status of teaching learning process. They advise the teachers to make amends and improvements of the short comings in the teaching learning process. Student's feedback is taken and suggestions are invited from the students regarding their expectations from the teachers. The IQAC gets the evaluation of the teachers done by students and external peers. The IQAC takes oral feedback of the teachers from the students and their guardians. At the end of every academic year, students give feedback of individual faculty members based on their teaching skills in the prescribed format. If any faculty or Department doesn't meet the benchmark on feedback, they are counseled by the Principal for improvement in teaching skills and results. The IQAC also monitors the teaching methodology by CCTV cameras. Quality of the teaching – learning process is evaluated by using following criteria: 1. Feedback from parents obtained by Parent Relation Officer (PRO). 2. Feedback from students through suggestion box and feedback form. 3. Result analysis. 4. Oral Feedback from students and parents. 5. Online feedback on website. 6. External peer team from Dayanand Commerce College</p> |

| | |
|----------------------------|---|
| | Latur gives feedback on teacher' s evaluation |
| Examination and Evaluation | 1) Two Internal Examinations in each semester based on Theory MCQ' s is taken by the College. 2) The University Exams are at the end of each Semester. 3) Evaluation is made by taking Assignments, Seminars, Projects Quiz Competitions in classroom. 4) Overall evaluation is made by feedback system. 5) Every teacher prepares his result and makes selfanalysis. 6) The results are discussed in IQAC. The teachers doing good are felicitated. 7) The reforms are made wherever necessary. |
| Research and Development | Research and Development: The college has recognized research centre in the subjects of Microbiology and Mathematics. Five faculties are research guides in the subjects of Zoology, Botany, Mathematics, Physics Electronics. Management provides all possible infrastructural and instrumental facilities to the faculty and researchers. Faculties are encouraged with T.A., D.A., Study leave and sanctioning F.I.P. for completion of their research work. Following Faculty availed the benefit of F.I.P. for completion of Research work |
| Curriculum Development | The college is affiliated with the University and therefore the general courses designed for affiliated Institution are common in nature. In integrating institution goals and objectives with the university curriculum the academic programmes are designed in the form of calendar and accordingly it is going to be executed. Keeping in view of the goals and objectives of the Institution, college offers different career oriented courses like Electronic Equipment Maintenance, Embedded Software System design, Food Processing, Computer Hardware Networking, Drug Analysis, Mobile Repairing, MATLAB Training course, and PG Diploma in Bioinformatics. These courses are need based and job oriented courses as per their local needs termed as addon courses. At the end of year, the students are awarded a Certificate/Diploma/ in an addon orientation course along with a conventional degree in science. The students are also encouraged to participate in national programmes, such as Pulse Polio, Blood donation, services at time of natural calamities and other programmes. NCC provides training with Motto of Unity and Discipline. The curriculum is supplemented with add on courses to the students which are benefited in the best possible manner. The college enriches the curricular activity by addition of field work, field visits and industrial visits. The college prepares the students to face the ever changing markets to enriching themselves by doing project work, group discussion and seminars. In addition, English |

| | |
|---|--|
| | <p>department of our college runs Spoken English Course for the students for better prospects in job market. Suggestions received from the students are regularly communicated to the BOS of university of the concern subjects.</p> |
| <p>Library, ICT and Physical Infrastructure / Instrumentation</p> | <p>For academic activities the following infrastructure is available: ·Wellequipped classrooms, Business Lab, Language Lab, Computer Lab, LCD projectors · Reading Hall with elearning facility · AudioVisual (A.V.) Hall with internet connectivity · WiFi Connectivity · 100 fully computerized library · SOUL 2.0 · EResourcefor online journal · NLIST Dayanand Science college library is fully computerized and fully automated. ‘SOUL 2.0’ library management software is used for library operations. OPAC is available. All library documents are indexed. Besides with the above library committee formed which has the representative members from each department. The committee ensures the requirement of books. Journals including online subscription are fulfilled. eLearn Technologies : Todays learners want relevant, mobile, selfpaced, and personalized content. This need is fulfilled with the online mode of learning here, students can learn at their own comfort and requirement. Lets have an analytical look at the advantages of online learning. NLISTINFLIBNET consortia : The Library has active institutional membership to NLISTINFLIBNET consortia. The NLIST provides access to 6000 eJournals and 31,35,000eBooks. The 68,22,550 ebooks and ejournals are of free accessed. Internet facility has been extended to all the departments. CC TV cameras are installed in classrooms, laboratories, hostel buildings and library campus.</p> |
| <p>Human Resource Management</p> | <p>The management is committed to the academic development of the college. The administration is fully decentralized and total functional freedom is given to the head of respective department. Various other committees are formed to monitor the Cocurricular and other activities. The faculties are the members of these committees and they perform their role with the help of nonteaching Staff. Regular feedback is taken from the stakeholders and if needed the suggestions are conveyed to the respective component. The management is committed to the academic development of the college. The administration is fully decentralized and total functional freedom is given to the head of respective department. Various other committees are formed to monitor the Cocurricular and other activities. The faculties are the members of these committees and they perform their role with the help of nonteaching Staff. Regular feedback is taken from the stakeholders and if needed</p> |

| | |
|--------------------------------------|--|
| | the suggestions are conveyed to the respective component. |
| Industry Interaction / Collaboration | <p>The college collaborates at local and state level with thirteen institutions. The faculties are involved in the collaborations for the utilization of laboratories and enrichment of research by exchanging knowledge. The research guides from other institutes shares and utilizes our research centre viz. Microbiology. College offers collaboration with other institutes from the district out of district for the utilization of instrumental facilities. Ex: Dept. of Chemistry and Microbiology. College also collaborates with local institutes for the enhancement of research activities.</p> <p>· The college collaborates at local and state level with thirteen institutions. · The faculties are involved in the collaborations for the utilization of laboratories and enrichment of research by exchanging knowledge. · The research guides from other institutes shares and utilizes our research centre viz. Microbiology. · College offers collaboration with other institutes from the district out of district for the utilization of instrumental facilities. Ex: Dept. of Chemistry and Microbiology. College also collaborates with local institutes for the enhancement of research activities.</p> |
| Admission of Students | <p>The institute follows fully transparent admission processes. The admission processes is based on the guidelines of the Swami Ramanand Marathwada University Nanded and the Reservation policy of the state govt. of Maharashtra. The pre merit applications can be filled by providing registration form. The merit list is displayed and declared on the notice board. The query regarding the admission or the merit list is brought to the notice of admission committee, grievance and are resolved. Characteristics of which are given below: a) The premerit applications can be filled by providing registration form b) The merit list is declared. c) The merit list is also displayed on the college notice board. d) Special notices are displayed regarding the admission status and vacancies in the various categories. e) Any query regarding the admission or the merit list is brought to the notice of the Admission Committee and the grievances, if any, are resolved. f) All information regarding the admission status is readily available. A) Publicity of admission process: 1) Prospectus 2) College Website 3) Print media B) Transparency in admission process: The College follows all the norms for admission laid down by Swami Ramanand Teerth Marathwada University, Nanded and Government of Maharashtra. It follows the guidelines regarding reservation to the backward classes. In order to ensure</p> |

| | |
|---|---|
| | <p>transparency, the merit list is displayed on notice board and ample time is given to get admission. The closing date of admission as per University guidelines is also displayed. In this way, the College ensures transparency in the admission process.</p> |
| 6.2.2 – Implementation of e-governance in areas of operations: | |
| E-governance area | Details |
| Student Admission and Support | <p>Students apply registered online for admission, applications are processed and merit list are generated. Fee demand is created and on payment of fee, admission is confermend. Ad on module students enquiry management is effective of admission leads. Registered students list merit list general category wise and quota Admission registered Current admission position Admission cancellation report MIS report according to fee type, medium gender, caste, category, religion and region</p> |
| Examination | <p>CCMS allows defining flexible rules patterns for examination. Students register for exams online. Roll nos. are allotted and exam time table is created. After conduction of exam, faculty enters marks and result calculation is done by CCMS which is followed by result publishing. Copy case, unfair means disciplinary actions taken can also be stored. EPR allows defining flexible rules and patterns for examination. Class wise exam subject registration report and count Exam timetable and hall tickets Class wise seating arrangement exam room allocation and attendance sheet Grade cards and tabulation register MIS reports class topper, subject topper, Result gazette Consolidate students report</p> |
| Administration | <p>Administration Student administration manage students administration and student detail academic previous exam, subject offered, documents received etc. at the centralized location, generate roll number semester end promotion of students done in bulk Report Identity card and certificates like TC, Bonafied, DOB, Attempt University accreditation reports data export to excel MIS report according to faculty medium, gender, caste, category, students list, subjectwise attendance sheet, document submission report done in CMS Software</p> |
| Finance and Accounts | <p>1. Parents/Students can pay tee online 247 via master soft' s feepayr portal online tee collection portal, using Debit/Credit card, Net Banking, ewalles, etc. from anywhere. The feespaid is directly deposited in the institute Bank Accounts. Feepayr also allows cash fee collection in campus. Fee ereceipt.</p> |

| | |
|--------------------------|--|
| | Fee collection. Report outstanding. Fee reports daily and monthly collection report registers. Students fee ledger late fine and caution money report. Concession and refund reports. Auto generated daily weekly monthly fees and admission report to management via email. |
| Planning and Development | Local Management Committee/College Development Council: The composition of LMC involves Chairperson of Management, Secretary of Management, one HOD, three teachers, one nonteaching staff, four local members nominated by the management and Principal, IQAC Coordinator, Secretary of Students' Council and Principal as member secretary. It functions towards preparation of development plan of the college regarding academic administration and infrastructural growth and enables college to foster excellence in all academic sphere of the college. The College Development Council has been formulated as per existing Maharashtra Public University Act 2016. Principal: The Principal is responsible for implementing policy decisions of the parent institute, prepare and execute ordinance, plan and execute academic, administrative, infrastructure, knowledge and resource developmental activities as per the State Government, Parent University and the UGC norms for college. the IQAC coordinator, the Vice Principals, the HoDs and support staff for effective execution by keeping focus on students progress. IQAC Coordinator: The IQAC coordinator looks after the tasks of IQAC under the guidance of QAC of college. The institute's Administrative system has decentralization of power where in the HoDs are empowered to handle departmental affairs. The Incharge of support units namely NSS, NCC, cultural and debate look after the activities concerned. The Librarian is responsible for the procurement and dissemination of knowledge resources. |

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year.

| Year | Name of Teacher | Name of Conference / workshop attended for which financial support provided | Name of the professional body for which membership fee is provided | Amount of support |
|------|--------------------|---|--|-------------------|
| 2019 | Dr. J. A. Angulwar | Poster presentation in | LPU University, Jalnder (Punjab) | 5360 |

| | | | | |
|------|--------------------|---|--|------|
| | | International Conference on 106th Indian Science Congress. | | |
| 2019 | Dr. J. A. Angulwar | Participated in STC on soft skill for teachers conducted by UGC HRDC | D.A.V.V. Indore (MP) | 1600 |
| 2019 | Dr. J. A. Angulwar | Participated in STC on Research Methodology for Science conducted by UGC HRDC | RTMN University, Nagpur | 2890 |
| 2019 | Dr. J. A. Angulwar | Participated in B.Sc. III syllabus structure CBCS in chemistry | Gramin (ACS) mahavidyalaya, Vasant Nagar, Mukhed | 600 |
| 2019 | Dr. R. S. Shinde | Presented oral paper presentation in National Conference on Innovation and Sustainable development made by chemistry | Hutatma Rajguru mahavidyalaya, Khed Dist. Pune | 2480 |
| 2019 | Dr. R. S. Shinde | Presented Poster on Impact of Mobile Chemistry Apps on Teaching Learning and research in International Conference on exploring New horizons | Deogiri College, Aurangabad | 4200 |
| 2019 | Dr. R. S. Shinde | Participated in STC on soft skill for teachers conducted by UGC HRDC | D.A.V.V. Indore (MP) | 1600 |
| 2019 | Dr. R. S. Shinde | Participated in STC on Gender sensitization conducted by UGC HRDC | RashtraSant Tukdoji Maharaj University, Nagpur | 2800 |
| 2019 | Prof. R. K. Jadhav | RTIRFSHL National Conference in 2019 | Willigdon College, Sangli | 3000 |

| | | | | |
|------|--------------------|--|---|------|
| 2019 | Prof. R. K. Jadhav | Refresher Course in Chemistry | Chalkere Campus, Dist. Chitradurga (Karnatak) | 1271 |
| 2019 | Dr. S. S. Mahurkar | RTIRFSLH National Conference in 2019 | Willigdon College, Sangli | 3000 |
| 2019 | Dr. S. S. Mahurkar | Induction Programme | IISER, Pune | 1680 |
| 2019 | Dr. R. A. More | Induction Programme | IISER, Pune | 1680 |
| 2019 | Dr. R. A. More | Recent Advances in Food and Nanotechnology | COCSIT, College, Latur | 800 |
| 2019 | Prof. S. A. Jaju | International Conference ICMAA | Dayanand Science College, Latur | 1000 |
| 2019 | Prof. S. A. Jaju | IPR Conference | SRTMU, Nanded | 300 |
| 2019 | Prof. S. A. Jaju | DIP Workshop | Shahu College, Latur | 500 |
| 2019 | Prof. S. A. Jaju | IPR Conference | Dayanand Arts College, Latur | 100 |

[View File](#)

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

| Year | Title of the professional development programme organised for teaching staff | Title of the administrative training programme organised for non-teaching staff | From date | To Date | Number of Participants (Teaching Staff) | Number of Participants (non-teaching staff) |
|------|--|---|------------|------------|---|---|
| 2018 | Indian Sciences Academy Refresher Course in Botany | | 10.06.2019 | 24.06.2019 | 25 | 0 |
| 2018 | Course Work For Ph.D. Students | | 27.05.2019 | 12.06.2019 | 100 | 0 |
| 2018 | One Day Workshop on Disaster Management | One Day Workshop on Disaster Management | 01.05.2019 | 01.05.2019 | 81 | 54 |
| 2018 | Bio Diversity in Marathwada And Its Conservation | | 16.02.2019 | 16.02.2019 | 88 | 0 |
| 2018 | Workshop On Consumer Awareness and Financial Literacy | | 18.01.2019 | 18.01.2019 | 105 | 0 |
| 2018 | Science | | 11.01.2019 | 13.01.2019 | 34 | 0 |

| | | | | | | |
|------|--|--|------------|------------|----|---|
| | Academic Workshop On Mathematics | | | | | |
| 2018 | Workshop on Skill Enhancement Course CBCS in Zoology | | 06.08.2018 | 06.08.2019 | 40 | 0 |
| 2018 | Workshop on Skill Enhancement Course CBCS in Chemistry | | 06.08.2019 | 06.08.2019 | 55 | 0 |

[View File](#)

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

| Title of the professional development programme | Number of teachers who attended | From Date | To date | Duration in day |
|---|---------------------------------|------------|------------|-----------------|
| Refresher Programme - Dr. S.S. Bellale | 1 | 11.06.2018 | 25.06.2018 | 21 |
| Refresher Programme - Prof. M. M. Pandit | 1 | 03.12.2018 | 22.12.2018 | 21 |
| Refresher Programme - Prof. K. R. Bhise | 1 | 01.12.2018 | 21.12.2018 | 21 |
| Refresher Programme - Prof. R. K. jadhav | 1 | 22.11.2018 | 12.12.2018 | 21 |
| Short Term Programme - Dr. S. S. Bellale | 1 | 12.02.2019 | 04.03.2019 | 7 |
| Short Term Programme - Prof. S. K. Alane | 1 | 11.06.2018 | 15.06.2018 | 7 |
| Short Term Programme - Prof. S. K. Alane | 1 | 19.01.2019 | 25.01.2019 | 7 |
| Short Term Programme - Dr. A. M. Chougule | 1 | 21.02.2019 | 27.02.2019 | 7 |
| Short Term Programme - Dr. R.S. Shinde | 1 | 11.06.2018 | 15.06.2018 | 7 |
| Short Term Programme - Dr. R.S. Shinde | 1 | 01.10.2018 | 06.10.2018 | 7 |
| Short Term Programme - Dr. J. A. Angulwar | 1 | 11.06.2018 | 15.06.2018 | 7 |
| Orientation | 1 | 12.11.2018 | 08.12.2018 | 30 |

| | | | | |
|---|-------------------------------|-----------------|------------------------------|----------------------|
| Programme - Dr. S. S. Mahurkar | | | | |
| Orientation Programme - Dr. R. A. More | 1 | 12.11.2018 | 08.12.2018 | 30 |
| View File | | | | |
| 6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment): | | | | |
| Teaching | | Non-teaching | | |
| Permanent | Full Time | Permanent | Full Time | |
| 27 | 56 | 52 | 81 | |
| 6.3.5 – Welfare schemes for | | | | |
| Teaching | | Non-teaching | Students | |
| Employee Cooperative Society | | Salary Advances | All scholarship Free ship | |
| 6.4 – Financial Management and Resource Mobilization | | | | |
| 6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each) | | | | |
| <p>Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the last five years with the mechanism for settling audit objections within a maximum of 500 words Response: The college is Government aided, privately managed and receives financial assistance from the Maharashtra Government, UGC, Governing Body of the college, students fees Grants and Scholarships from various agencies and funding organizations besides state government and non government agencies. The college along with the convener purchase committee guide, supervise and ensure that all financial transactions are done after due care as per rules. The internal and external audits are conducted regularly. Internal Audit: The college has a systematic mechanism of internal audit for all the financial activities which take place from time to time. After getting the requirements from different corners and subsequent approval of the Principal. The purchase committee purchases the items as per laid down procedure and rules. The convener purchase committee along with the bursar of college keeps a strict vigil on the purchase system to make the system more robust and transparent, the bills are perused by the president, governing body before final payments. All the financial transactions and payments released by Principal are put forward in meeting of the governing body comprising Government and university nominees for approval. The accountant of the college maintains all the financial records in accounting software tally, and other necessary softwares. All the vouchers and bills are duly audited by a team of qualified and well experienced Chartered Accountant. They also conduct audit of the grants received from agencies like DST, UGC, SERB, State government and other funding agencies for organizing academics and research activities internally but also through external audits. The audit of A/Fund is conducted periodically by college branch of the affiliated University. Further, to maintain a prism of clarity, the college ensures that the audit for maintenance grant (grant – in – aid) and Salary of the staff and post matric scholarship to the students received from state government, is conducted regularly by the Audit cell. In the office of DHE, Maharashtra. 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 signed by the Head Clerk, Principal and the Chartered Accountant and put before governing body for their perusal and observations</p> | | | | |
| 6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III) | | | | |
| Name of the non government funding agencies /individuals | Funds/ Grnats received in Rs. | Purpose | | |
| 00 | 0 | 0 | | |
| No file uploaded. | | | | |
| 6.4.3 – Total corpus fund generated | | | | |
| 13992150 | | | | |
| 6.5 – Internal Quality Assurance System | | | | |
| 6.5.1 – Whether Academic and Administrative Audit (AAA) has been done | | | | |
| Audit Type | External | | Internal | |
| | Yes/No | Agency | Yes/No | Authority |
| Academic | Yes | Government | Yes | Committee |
| Administrative | Yes | University | Yes | College Committee |
| 6.5.2 – Activities and support from the Parent – Teacher Association (at least three) | | | | |

Parent Teachers meet was organized Parents are invited for all major Functions Sports, Academic and Extracurricular, etc. Principal and Class Teachers provide effective counseling to parents and their stakeholders. Informal Discussions with subject teachers and study material for slow learners are provided to parents. Awareness regarding professional courses is being discussed with pleasant atmosphere Parents are participated

6.5.3 – Development programmes for support staff (at least three)

- Organizing teachers' Orientation programmes.
- Teacher's evaluation by students and giving feedback, if needed.
- Encouragement to the teachers' to participate in seminars, conferences, and workshops through the provision of duty leave, TA & DA.
- Encouraging teachers for active participation in research through research papers, research leading to Ph.D., guidance for research, etc.
- Enriching the facilities like library, reading room, Internet etc.
- Arranging guest lectures by area experts.
- Encouraging the best performer teachers by felicitations
- Visiting various colleges of high academic standard
- Recruitment of qualified staff
- Research festival is organized in the college
- Encouraging participation in research festivals organized by university and other institutes
- Ph.D. awardees are felicitated
- Well-equipped research lab; Computer lab with Internet facility
- Well-developed library
- Course work for Ph.D. students is organized in the college
- Visit to various colleges to avail the information about the innovative teaching methodology for development of teaching staff

6.5.4 – Post Accreditation initiative(s) (mention at least three)

- College has Achieved the Grants from RUSA & UGC –CPE
- Installation of Digital Classroom & ICT based Classrooms with Smart Boards
- Installation of whole College with Solar Panel System & Fire proof System

6.5.5 – Internal Quality Assurance System Details

| | |
|--|-----|
| a) Submission of Data for AISHE portal | Yes |
| b) Participation in NIRF | No |
| c) ISO certification | Yes |
| d) NBA or any other quality audit | No |

6.5.6 – Number of Quality Initiatives undertaken during the year

| Year | Name of quality initiative by IQAC | Date of conducting IQAC | Duration From | Duration To | Number participants |
|------|---|-------------------------|---------------|-------------|---------------------|
| 2019 | Workshop on Skill Enhancement Course CBCS in Chemistry | 06.8.2018 | 06.8.2018 | 06.8.2018 | 55 |
| 2019 | Workshop on Skill Enhancement Course CBCS in Zoology | 06.8.2018 | 06.8.2018 | 06.8.2018 | 88 |
| 2019 | Workshop on Skill Enhancement Course CBCS in Botany | 06.8.2018 | 06.8.2018 | 06.8.2018 | 42 |
| 2019 | Workshop on Skill Enhancement Course CBCS in Physics | 06.8.2018 | 06.8.2018 | 06.8.2018 | 28 |
| 2019 | National Workshop on Recent syllabi in Mathematics for SRTMUN | 17.06.2019 | 17.06.2019 | 21.06.2019 | 90 |
| 2019 | PPT presentation on | 06.08.2018 | 06.08.2018 | 06.08.2018 | 26 |

| | | | | | |
|------|--|------------|------------|------------|-----|
| | Role of teachers in quality education | | | | |
| 2019 | Indian Academy of Science Lecture Workshop on Mathematics | 05.07.2019 | 05.07.2019 | 05.07.2019 | 150 |
| 2019 | Indian Academy of Science Lecture workshop on Chemistry | 05.01.2019 | 05.01.2019 | 07.01.2019 | 150 |
| 2019 | Organized 16 Inspire Science Camp | 22.12.2019 | 22.12.2019 | 26.12.2019 | 200 |
| 2019 | Organized National Conference Intellectual Property Rights (IPR) | 22.09.2019 | 22.09.2019 | 23.09.2019 | 150 |
| 2019 | Science Academy Refresher Course in Botany | 10.06.2019 | 10.06.2019 | 24.06.2019 | 25 |
| 2019 | One Day Workshop on Energy Management | 07.09.2018 | 07.09.2018 | 07.09.2018 | 160 |
| 2019 | Workshop on Skill Enhancement Course Floriculture | 18.09.2018 | 18.09.2018 | 18.09.2018 | 47 |
| 2019 | Workshop on Biodiversity | 16.02.2019 | 16.02.2019 | 16.02.2019 | 76 |

[View File](#)

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

| Title of the programme | Period from | Period To | Number of Participants | |
|---|-------------|------------|------------------------|------|
| | | | Female | Male |
| Self Defence workshop for girls (Mission sahsi) | 18.12.2018 | 18.12.2018 | 80 | 50 |
| Competition Laws for womens | 20.12.2018 | 20.12.2018 | 80 | 30 |
| Workshop on “Sexual Harrshament” of womens at workplace | 17.01.2019 | 17.01.2019 | 100 | 30 |

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

Annual power requirement met by renewable energy sources (in KWH)

Response: 8.36

7. Annual Power Requirement

Energy Scenario: Billing

Details

Summary Energy Bill for Twelve Months:

| Month & Year | Units | Bill Amount |
|-------------------------|---------------|-------------------|
| 18-Sept. | 2,534 | 25,840.00 |
| 18-Oct. | 5,263 | 83,330.00 |
| 18-Nov. | 2,309 | 81,110.00 |
| 18-Dec. | 426 | 1,110.00 |
| 19-Jan. | 1,988 | 22,060.00 |
| 19-Feb. | 1,876 | 41,660.00 |
| 19-Mar. | 2,751 | 60,880.00 |
| 19-Apr. | 2,241 | 53,480.00 |
| 19-May. | 3,353 | 86,620.00 |
| 19-Jun. | 1,439 | 102,710.00 |
| 19-Jul. | 3,163 | 33,170.00 |
| Total | 27,343 | 591,970.00 |
| Solar Power Generation | KWH | 54,000.00 |
| Total Power Consumption | KWH | 6,45,970.00 |

Percentage of Annual Power requirements met Renewable Energy Sources

(Current year data)

| |
|--|
| $\begin{aligned} &\frac{\text{\%of annual power requirement of the institution met by renewable energy sources}}{\text{Annual power requirement met by renewable sources}} = \frac{\text{Annual power requirement met by renewable sources}}{\text{Annual power requirement}} \times 100 \\ &= 8.36\% \end{aligned}$ |
|--|

Percentage of annual lighting power requirements met through LED bulbs (1)

Response: 24.62

Percentage of Annual Lighting power requirements met through LED bulb

| | | |
|-----------|---------|---------------------|
| LED Panel | 22 watt | 21 Nos. |
| LED Panel | 22 watt | 120 Nos. |
| LED Panel | 12 watt | 83 Nos. |
| LED | 50 watt | 18 Nos. |
| | | Total LED KW |

Total Lighting Power requirement

| | |
|---------------------------------|---------------|
| Tube Light CFL (KW) | 20.2 |
| LED Bulb (KW) | 4.998 |
| Total Lighting Load (KW) | 25.198 |

Percentage of Annual Lighting power requirement met through LED Bulbs

(Current year Data) = 24.62%

Average percentage expenditure on green initiatives and waste management excluding salary (INR in Lakhs)

| | |
|------|---------|
| Year | 2018-19 |
|------|---------|

| | |
|--------|---|
| Number | 7 |
|--------|---|

Average Percentage Expenditure on Green Initiatives and Waste Management Last Five Years (Excluding Salary)

| | | | | | |
|--------------|---|-------|-------|-------|-------|
| Year | 2015 | 2016 | 2018 | 2019 | Total |
| INR in Lakhs | 6 | 7 | 5 | 7 | 25 |
| % per year | 24.00 | 28.00 | 20.00 | 28.00 | 100 |
| %per year | Total expenditure on Green initiatives & waste Management | | | | |

Annual expenditure on Green initiatives and waste management

7.1.3 – Differently abled (Divyangjan) friendliness

| Items Facilities | Yes/No | No. of Beneficiaries |
|--|--------|----------------------|
| Physical facilities | Yes | 4 |
| Provision for lift | Yes | 4 |
| Ramp/ Rails | Yes | 4 |
| Braille Software/facilities | No | 0 |
| Rest Rooms | Yes | 4 |
| Scribes for examination | Yes | 1 |
| Special skill development for differently abled students | No | 0 |
| Any other similar facility | No | 0 |

7.1.3 – Differently abled (Divyangjan) friendliness

| Item facilities | Yes/No | Number of beneficiaries |
|--|--------|-------------------------|
| Physical facilities | Yes | 4 |
| Provision for lift | Yes | 4 |
| Ramp/Rails | Yes | 4 |
| Braille Software/facilities | No | 0 |
| Rest Rooms | Yes | 4 |
| Scribes for examination | Yes | 1 |
| Special skill development for differently abled students | No | 0 |
| Any other similar facility | No | 0 |

7.1.4 – Inclusion and Situatedness

| Year | Number of Initiatives to address locational advantage and disadvantages | Number of initiatives taken to engage with and contribute to local community | Date | Duration | Number of initiative | Issues addressed | Number of participating students and staff |
|------|---|--|------------|----------|---|---------------------------------------|--|
| 2018 | 1 | 0 | 12/06/2018 | 01 | National ambient air quality monitoring programme | Residential and commercial monitoring | 25 |
| 2018 | 1 | 0 | 22/12/2018 | 05 | Organization of | Involvement of other | 200 |

| | | | | | | | |
|------|---|---|------------|-----|---|----------------------------------|------|
| | | | | | Inspire Science Camp | college students | |
| 2018 | 0 | 1 | 01/06/2018 | 365 | Facility of walking track given by the institute | Dayanand Science College, Latur | 500 |
| 2018 | 1 | 0 | 10/06/2018 | 15 | Refresher course in botany | Dayanand Science College, Latur | 50 |
| 2018 | 0 | 1 | 02/10/2018 | 01 | One day workshop on Vatchal Santulit Samrudh Jivnachi | For local community | 1000 |
| 2018 | 1 | 0 | 05/01/2019 | 03 | Lecture workshop theoretical chemistry | For UG, PG students and Teachers | 200 |
| 2018 | 1 | 0 | 11/01/2019 | 03 | Mathematics workshop | For PG students and Teachers | 100 |

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

| Title | Date of publication | Follow up(max 100 words) |
|-----------------|---------------------|--|
| Code of Conduct | 20/10/2018 | College has its unique code of conduct which has made up for the soft administration of college it is divided into the separate parts from management to college staff and from UG to PG students. The booklet of code of conduct publishes every year and distributes among the faculty. It is also displayed in the college prospect, college magazine in the highlighted manner. The follow up taken by the different portfolios in different stages, principal, HOD, and portfolio. Also the code of conduct or related issues are correlated from student and faculty and submitted to the related committee for further action. At the |

end of the year overall feedbacks are collected from students and alumni and its analysis is done and put in CDC and IQAC meeting.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

| Activity | Duration From | Duration To | Number of participants |
|---|---------------|-------------|------------------------|
| Workshop on Biodiversity in marathwada and its conservation | 16/02/2019 | 16/02/2019 | 240 |
| Republic day programme | 26/01/2019 | 26/01/2019 | 980 |
| Independence day programme | 15/08/2019 | 15/08/2019 | 1000 |
| National Science Day celebration | 28/02/2019 | 28/02/2019 | 180 |
| Sanvidhan Din | 26/11/2019 | 26/11/2019 | 50 |
| Intellectual property rights (IPR) | 22/09/2019 | 22/09/2019 | 200 |

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

· Students, staff using a) Bicycles About 40 students use bicycles daily. The students came from the rural background are majorly belongs poor and middle class family and stayed in government or private hostel, some are living in villages near the city. These students can not afford private auto vehicle due to weak financial conditions. Hence, they routinely use bicycle to up and down from college. Few of the teaching and nonteaching staff also uses bicycle. b) Public Transport Our institution encourages the faculty members and students to use the public transport (Local city bus) for safety, security and fuel conservation. The institutional members including students, teaching and nonteaching staff use public transport system as their major need. About 50 of all members of the institute use public transport for up n down from their residence. College enrollment of students includes near about 15 20 of nearby towns students likes from AUSA, Ahmedpur, Renapur, Murud, Chakur, Latur road, Nilanga and small villages. Many of the students from these places uses M.S.R.T.C. buses for up and downs. Our college allows and helps for getting concession to all these students from M.S.R.T.C. In the city, municipal corporation has a citybus transport. About 20 buses are their which covers all corners of the city, so that every member of the institution can avail this facility also. c) Pedestrian friendly roads As the vehicle parking is made at the entrance of the college campus. The students and staff have comfortable pedestrian experiences through internally connected pedestrian friendly roads. It facilitates the students and staff to interact and socialize with their peers which also improves personal and environmental health. · Plasticfree campus: The college has towards making campus 'Plastic Free' by taking part in campaign started by municipal corporation. Initially NSS unit create awareness amongst the students. The whole campus garbage is collected at the dumping site Near girl's hostel. All garbage is sorted everyday by the workers. The plastic waste is collected in the big sized bags and sends it to central garbage depot of municipal corporation with the help of municipal tractor. · Paperless office The office of the college, is exclusively working with the software's

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practices: Best Practices: I 1. Title of the Practice: "Quality Human Resources Development" 2. Objective of the Practice: "Vigyan Munch camps", Innovation in Science Pursuit for Inspired Research (INSPIRE) camps, "Lecture Workshops" for UG and PG students, "Refresher Courses" for teachers are organized every year by the institute in association with, Department of Science and Technology, National Academies of Sciences, Indian academy of Sciences and other reputed bodies in India. The main objective of these camps and workshops is to inculcate the advances of science in all age personnel's from school students to college teachers. 3.The Context: To provide a Science forum to children of VII IX Class to explore their creativity and innovations. To impart the Science Principles through learning while doing practicals. To create innovation Scientific temperaments among young school childrens. The institution offers joy of innovations and exposure of advancement of sciences in all dimensions to all levels of education system. is INSPIRE Internship in which annually about 50,000students of top 1 performers in Class X board examinations and pursuing science at higher Refresher Courses are organized in the institution to enhance the quality of science education at UG and PG levels. Institute organizes academic programs such as refresher courses of different subjects. The refresher course which is necessary for updating the knowledge of teachers and new methods to be used in teaching. It also helps teachers to add value for their teaching as their was an interactions with teacher participants by the resource persons. Lecture workshops were organized by the college, the aim of the lecture workshop organization is to give opportunity to M.Sc. Students to learn about the fundamental subjects, to develop more interest in research after completion of PG, to prepare students for SET, NET, GATE and competitive exams, to increase numerical problemsolving skill and memorization. 4. Practice: The activities implemented on behalf of Maharashtra State Science Education Society, Nagpur through a district Educational Officer of Zilla Parishad. Participating Students Urban (40) Rural (30), Total 70. Selection by Screening from 350 Students with conducting exam. Activities of the camp: Practical on Basic Sciences., Science Quiz and Group Discussion, Eminent lectures by mentors., Hands on activities from various disciplines., Industrial tour, Residential facility to 30 rural students. Achievement: To face for National Talent Search Examination, MTS, NTS, Science, Maths Olympiads, To develop Interest in basic Science, Scientific attitude among students to explore and think for research work, To qualify NTSE, MTSE. Organizing INSPIRE Science Internship camps is the best practice adapted by the college for the purpose of to attract the talent students towards the basic courses to increase the research activity of our country. Dayanand Science College has the privilege of organizing INSPIRE Science Internship Camps for the last five consecutive years. In all up till now 8 camps were organized and 1650 students benefited by these camps. The camps are meant for science students of class XI. These were fully sponsored fiveday residential science camps were a golden opportunity for the students to personally interact with various Academy Fellows, Bhatnagar Awardees and Scientists of National and International repute. It included lectures related to scientific success stories and the joys of innovations across all science streams, CD shows, round table discussions, experiment sessions, creative poster competitions, seminars, science quiz and field visits. Selected candidates for the camp were accommodated in our campus. The participating students were provided free transportation, local hospitality, related study materials, educational and registration kits. A certificate of participation and atakehome experiment kit were given to the students at the end of the fivedayScience Internship Camp. DSTINSPIRE Internship Camps Arranged Dayanand Science College has successfully conducted 8 science camps in the span of last three years as follows : The activities involving hands on experience like Telescopic viewing of Moons Surface, Satellites of Jupiters and many more are facilitated to enrich their knowledge and practical experience is included. The Daily News of the camp activities has been covered and published by the representatives of State Level and Local Newspapers like LOKMAT, SAKAL,EKMAT, SAMNA, LOKPATRA and many more All the expenses for organizing the camps were spent with accountability and as per the guidelines of DST, New Delhi. The Camps were designed in such a way that the participants feel the joy of studying basic sciences with guidelines of DST, New Delhi. Refresher Courses organised 4 Lecture workshops: 4 Mentors Invited from: Indian Institute of Science, Bangalore. Tata Institute of Fundamental Research, Mumbai National eographical Research Institute, Hyderabad National Chemical Laboratory, Pune. National Physical Laboratory, New Delhi .Vigyan Prasar, New Delhi. IISER, Pune Birla Institute of Technology, Kolkata. University of Pune, Pune. Homi Bhabha Council for Science Education, Mumbai 5. Evidence of Success: About 1750 aspiring students have been participated from XI Science having percentages in the range of 90 to 100 . About 297 students were eleven students of our college qualified for "DSTINSPIRE SHE". Eleven students are admitted in the B.Sc. degree courses who are awarded by the scholarship of 80,000/ per year for the next five years. Every participant has earned a LifeTime experience. 6. Problems Encountered and Resources Required: Less response of qualified students for admission of B.Sc. degree courses. 7. Notes (Optional): Due to the organization of such INSPIRE Science Camps, young talented students, get motivated to take admission in basic sciences rather to go professional Engineering and Medical streams.

This will be definitely enhance talents in the research and development activity of India. The impact of such science camps organized by our college is that 10 students qualified „INSPIRE SHE admitted course to B.Sc. The practice an INSPIRE camp is healthy practice. This healthy practice increases attraction of talented students towards basic courses which increases research activity of our country. Best Practices: II 1. Title of the Practice National Air Quality Monitoring Programme (NAMP) 3. Goal: · To monitor Air Quality in Latur City · To measure air pollutants levels in different parts of Latur city · To find out emission of SO₂ and NO_x by projection analysis · To find out emission of Suspended ParticulateMatter (SPM) 3. The Context: The report presents guidelines for carrying out ambient air quality monitoring under NAMP. Ambient air quality monitoring is carried out so as to generate data that meets the objectives of monitoring. Ambient air quality monitoring programme are needed to determine the existing quality of air, evaluation of the effectiveness of control programme and to develop new programme. 4. The Practice: The ambient air quality monitoring network involves measurement of a number of air pollutants at number of locations in the country so as to meet objectives of the monitoring. Any air quality monitoring network thus involves selection of pollutants, selection of locations, frequency, duration of sampling, sampling techniques, nfrastructural facilities, man power and operation and maintenance costs. The network design also depends upon the type of pollutants in the atmosphere through various common sources, called common urban air pollutants, such as Suspended Particulate Matter (SPM), Respirable Suspended Particulate Matter (RSPM), Sulphur dioxide (SO₂), Oxides of Nitrogen (NO_x), and Carbon Monoxide (CO) etc. . The areas to be chosen primarily are such areas which represent high traffic density, industrial growth, human population and its distribution, emission source, public complaints if any and the land use pattern etc. Generally, most of the time t Air pollutants are added in the atmosphere from variety of sources that change the composition of atmosphere and affect the biotic environment. 5. Evidence of Success: Ambient Air Quality Monitoring Stations In Latur City Station A Sensitive area Site is at Keshawraj school, Shyam nagar, Latur Station B Residential area Site is at Boy’s Hostel Ganjgolai, Latur Station C Industrial area Site is at M.I.D.C. Water works, Latur Sample collection at (Sensitive) Keshawraj School Station The Field Assistant Mr. Valmiki C.M. monitoring and collecting the sample So₂ Nox for laboratory analysis. Laboratory Work Jr. Scientific Assistant Miss. Pawale K.R. analysing the samples for So₂, Nox, RSPM,SPM received from monitoring stations. 6. Problems Encountered and Resources Required: Our college is one of the best college in this area. Lots of students are attracted towards our college, our students strength is considerably high. Number of prizes by alumni and staff is insufficient. So to increase the number of prizes, the college appeal to alumni and faculty to participate and we are trying to increase the amount. 7. Notes (Optional): Dayanand Science College analyzed RSPM, SPM, So₂ and Nox from different 3 monitoring stations. These are commercial, residential, industrial. These data send to the MPCB Mumbai from Mumbai it is send to the central pollution control board, Delhi. CPCB gives directives to the municipal corporation and MPCB for controlling these parameters.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://dsclatur.org/inspire/>,<http://dsclatur.org/namp-project/>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Parent Relation Office(PRO): “Parent Relation Office” (PRO) Our institute developed the parent relation office and appointed a person named P.R.O. with two supporting staff to look after the activities of students and to make good relations between our college, parents and students. To facilitate closer bonds between faculty student and their families. To convey the regular attendance and students progression to the parents. To take the feedback of parents. The vision, mission and goals of institute is to impart higher education of science to the students of rural area of this region. Most of students of our college come from rural area. So their parents could not remain in constant touch with college about their daughter’s or sons progress. Many of students are helpless victims of poor family atmosphere. Father is farmer, mother is housewife, land is dry, financial constraints and health problems can shatter the hopes and aspiratations of the student. Such family background tends to student away from education and it is impossible for them to concentrate on their studies in such atmosphere. Some parents are busy in their jobs. So it’s our job to inform the parents about their ward. As per the above discussed matter, our institute has appointed a P.R.O. by taking interviews. The person, (Generally ladies) is selected by considering her qualification and experience. Our institute decided to appoint a ladies candidate who is post graduate in science so that she also can understand the problems of science students. In addition to the appointment of P.R.O., a supporting system is also developed with P.R.O. This supporting system includes a computer operator, computer system and supporting software. Our institute has purchased the software which is useful to maintain the attendance of students as well as to send SMS to parents, about their ward.

Software are purchased from Mr. S.R. Soni having cost Rs.50,000/ By providing above system to students, we get overall success in different ways as follows. Regularity of students is increased to large extent. Involvement of students in different activities is increased. Parents are satisfied about institution. We developed a 'Suvridha Kendra' in college according to parents feedback. Improvement in teachers is also observed. We have restructured our time table according to convenience of student. The PRO cannot communicate with the parents of the hostelites. Some of the parents from rural area cannot contact the college after the communication also. Due to the tight schedule of the semester pattern, teachers have little time to give overall performance of students to the PRO and parents. The software and the expenses of the SMS and communication is one of the problems. The practice "Parent Relation Office" is a healthy practice. It increases overall performance of student and communication of the faculty, student and parents. It forms the closer relation between teacher, parent and student. Due to this the confidence of student goes on increasing.

Provide the weblink of the institution

8.Future Plans of Actions for Next Academic Year

1. To organize seminar on "Career Opportunity for ELearning and Training" by Department of Computer Science.
2. To organize "one day state level workshop on recent syllabi of Computer Science" for B.Sc. Fy, B.Sc. (CS) Fy M.Sc. (CS) Fy.
3. To organize 10 days Training Program on PHP for BCS BSC SY, TY and MSC FY, SY students by the Department of Computer Science.
4. To organize NPTEL workshop for UG and PG students in Mathematics.
5. To organize Ramanujan Mathematics Competition, Madhava Mathematics Competition and 18th MMS seminar competition in the subject of Mathematics.
6. To organize seminars for PG students in Mathematics.
7. To organize university level Ph.D. course works in the subject of Mathematical Sciences.
8. To organize one day workshop on "Energy Awareness and Management" in the subject of Botany.
9. To organize UGCCPE sponsored workshop on "Mushroom Cultivation" by the Department of Botany.
10. To organize workshop on "Trichoderma Cultivation" by the Department of Botany.
11. To organize "National workshop on Intellectual Property Rights (IPR)" for teacher, researchers two workshops on Intellectual Property Rights IPR for UG and PG students by the Department of Botany – Prof. S.K. Alne.
12. To organize one day workshop on "Entrepreneurship Awareness Program" by the Department of Botany.
13. To organize study tours for observation of "Induced breeding" of major carps Department of Zoology.
14. To organize workshop and training program "Android" by the Department of Computer Science.
15. To organize faculty Development program by the Department of Computer Science.
16. To organize "Computer Literacy program" for nonteaching staff by the Department of Computer Science.
17. To organize university level one day workshop B.Sc. I and M.Sc. I Syllabus on CBCS pattern by the Department of Chemsityr.
18. To organize workshop on NPTEL in Subject of Chemistry.
19. To organize 'A' zone inter collegiate Table Tennis (men women) tournament by the Department of Sport.
20. To organize 'A' Zone inter collegiate Cross Country (men women) tournament on 29th Sept. 2019 on occasion of "National Sports Day" by the Department of Sport.
21. To organize Training and Coaching camp for Badminton , Cricket, Basketball, Baseball, Softball and Table tennis by the Department of Sport.
22. To organize "Pledge for life – Tobacco free Youth" Programme in our college on 11th July 2019 by the Department of NSS.
23. To organize one day workshop on "Air Quality Awareness" by the Department of Industrial Chemistry
24. To organize University level workshop on new syllabi of Industrial Chemistry CBCS by the Department of Industrial Chemistry.
25. To organize National Level Workshop on CBCS pattern new schems of syllabus for B.Sc. I in the of Department of Microbiology.
26. To organize Poster Presentation Competition and ImmunologicalRangoli Competition by the Department of Microbiology.
27. To organize workshop on "Molecular biology" in collaboration with NFB by the Department of Microbiology.
28. To organize national conference on "Recent Trends in Microbiology" by the Department of Microbiology.
29. To organize health Chekup camp.....