

Dayanand Education Society's

Dayanand Science college, Latur, Maharashtra India



Annual Quality Assurance Report 2013-2014

IQAC

Submitted To

**The Director,
NAAC**

**P.O.Box 1075, Nagarbhavi,
Bangalore-560072 Karnataka (India)**

By

Principal

**Dayanand Science College, Latur,
Maharashtra, India.**

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Guidelines for the Creation of the
Internal Quality Assurance Cell (IQAC)
and Submission of Annual Quality Assurance
Report (AQAR) in Accredited Institutions
(Revised in October 2013)



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

NAAC

VISION

To make quality the defining element of higher education in India through a combination of self and external quality evaluation, promotion and sustenance initiatives.

MISSION

- ☞ To arrange for periodic assessment and accreditation of institutions of higher education or units thereof, or specific academic programmes or projects;*
- ☞ To stimulate the academic environment for promotion of quality of teaching-learning and research in higher education institutions;*
- ☞ To encourage self-evaluation, accountability, autonomy and innovations in higher education;*
- ☞ To undertake quality-related research studies, consultancy and training programmes, and*
- ☞ To collaborate with other stakeholders of higher education for quality evaluation, promotion and sustenance.*

Value Framework

To promote the following core values among the HEIs of the country:

- Contributing to National Development*
- Fostering Global Competencies among Students*
- Inculcating a Value System among Students*
- Promoting the Use of Technology*
- Quest for Excellence*

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Document revised by:-

Dr. Ganesh Hegde, Assistant Adviser and B. S. Ponmudiraj, Assistant Adviser, NAAC

The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)

Part – A

1. Details of the Institution

1.1 Name of the Institution

Dayanand Science College, Latur.

1.2 Address Line 1

Barshi Road, Latur.

Address Line 2

Barshi Road, Latur.

City/Town

Latur.

State

Maharashtra, India.

Pin Code

413512

Institution e-mail address

daya_scin1@rediffmail.com

Contact Nos.

02382-221149, 222929

Name of the Head of the Institution:

**Dr. Jaiprakash S. Dargad
Principal**

Tel. No. with STD Code:

**02382-221149
02382-222929**

Mobile:

09403970550

Name of the IQAC Co-ordinator:

Dr. S. S. Bellale

Mobile:

09405417417

IQAC e-mail address:

iqac.dscl@gamil.com

1.3 NAAC Track ID (For ex. MHCOGN 18879)

MHCOGN10815

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

**NAAC-WR/GH/MHCOGN10815/2nd –
Cycle/2014 Date:-24th January 2014**

1.5 Website address:

www.dsclatur.org

Web-link of the AQAR:

[www.dsclatur.org / IQAC / AQAR - 2013-2014](http://www.dsclatur.org/IQAC/AQAR-2013-2014)For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B++	-	24/01/2004	5 years
2	2 nd Cycle	A	3.14	05/05/2014	04/05/2019
3	3 rd Cycle	-	-	-	-
4	4 th Cycle	-	-	-	-

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

16/06/2006

1.8 AQAR for the year (for example 2010-11)

AQAR for the year 2013-2014

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011))

- i. AQAR AQAR 2013-14 Submitted (15/07/2015)
- ii. AQAR _____ (DD/MM/YYYY)
- iii. AQAR _____ (DD/MM/YYYY)
- iv. AQAR _____ (DD/MM/YYYY)

1.10 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid C 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

-

1.12 Name of the Affiliating University (for the Colleges)

**Swami Ramanand Teerth
Marathwada University, Nanded.**

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

No

University with Potential for Excellence

No

UGC-CPE

No

DST Star Scheme

No

UGC-CE

No

UGC-Special Assistance Programme

Yes

DST-FIST

Yes

UGC-Innovative PG programmes

1

Any other (Specify)

No

UGC-COP Programmes

3

2. IQAC Composition and Activities

2.1 No. of Teachers	07
2.2 No. of Administrative/Technical staff	02
2.3 No. of students	01
2.4 No. of Management representatives	03
2.5 No. of Alumni	01
2.6 No. of any other stakeholder and community representatives	01
2.7 No. of Employers/ Industrialists	01
2.8 No. of other External Experts	-
2.9 Total No. of members	16

2.10 No. of IQAC meetings held :- **03**

2.11 No. of meetings with various stakeholders:	No.	02	Faculty	02
Non-Teaching Staff	02	Students	Alumni	01
		Others	No	

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

3,00,000/-

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total No.	02	International	0	National	0	State	01	Institution Level	01
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(ii) Themes

- 1) Recent Trends in Plant Science For Rural Development- Botany
- 2) Workshop on Syllabi - Zoology

2.14 Significant Activities and contributions made by IQAC

- The IQAC conducts the meeting at regular intervals. It circulates its plans and perspectives to all the stakeholders. It collects the record time to time and maintains the document evidences. IQAC also collects and analyses feedback from students, alumni and parents.
- The measures taken by IQAC in quality enhancement and to improve **the teaching –learning process are as follows:**
 - To prepare academic calendar.
 - To analyse the University examination results at the beginning of the academic year and to decide the measures required for improvement of the results.
 - To encourage the staff to attend conferences, seminars, workshops, teachers training programmes, so as to get their knowledge updated.
 - To motivate the staff to undertake Major and Minor Research Projects.
 - To encourage the students for their involvement in cultural, scientific and social activities.
 - To obtain feedback from the students regarding teaching-learning process as well as infrastructural facilities.
 - To consider the improvements suggested by the students regarding teaching learning process, library facilities, sports, ICT, laboratory facilities, hostels or any other facilities and to take measures for their implementation.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Sr. No.	Activity Planned	Monitoring	Execution
1.	To facilitate the Infrastructure for Museum in Zoology & Fishery Department	The proposal is forwarded in IQAC meeting for approval. The Management approved it.	A zoo museum is created in the Department of Zoology and Fishery Department for students and common people
2.	To facilitate infrastructure for central computer facility.	IQAC has kept the proposal in Meeting for permission. Management approved the proposal	The Central Computer facility is in progress for 30 number of students near Central Library in the Campus under FIST program.
3.	To submit the proposal for Major / Minor Research Projects under UGC Scheme	The Faculty has submitted Major / Minor Research Projects to UGC	Dr. J.S. Dargad submitted proposal of Research Project to UGC by Prof. K.N. Rathod-Minor Project Dr. L.V. Thakre-Major Project Dr. R.V. Solunke-Major Project
4.	To facilitate the Research Guides in the College	The proposal is submitted by Dr. J.S. Dargad	University awarded Guideship to Dr. J.S. Dargad in Physics and Dr. C.S. Swami in Botany
5.	To encourage participation of students in Cultural and other activities.	The University aranged “Youth Festival” from 27/11/2013 to 30/11/2013 17 students participated from our college.	In this festival- 1.Ku. Priyanka Shinde own Silver Medal in Spot Photography. 2.10 groups of students own Third Prize in Folk Dance. 3.Ravina Thakur and Puja

			Warade are selected in inter University Youth Festival Indradhanusha.
6.	To promote the Faculty for attending Orientation/Refresher Course.	Encouraged the faculty to submit the applications for Orientation/Refresher course.	The faculty has completed- Dr. L. V. Thakre – Refresher Dr. C. S. Swami – Refresher
7.	To develop an infrastructure for seating capacity of 150 students.	IQAC has kept the proposal in Meeting for permission. Management approved the proposal	A Seminar hall is re-innovated for a seating capacity of 150 students near the library from FIST program.
8.	To conduct the university sports Tournaments and training camp.	The Director of Physical Education Dr. Mahesh Bembade arranges Sports Tuournaments.	In 2013-14 The college arranged 1) Central Zone Inter Collegiate Mallkhamb Tournament. 2) “A” Zone Inter Collegiate.
9.	To provide Research based equipments in Chemistry Department.	IQAC proposed to purchase the FTIR, Vacuum Oven & Gas Chromatograph in Chemistry Department. The proposal is approved by the management.	The equipments are provided in the Chemistry Department for practical purpose & Research based activities under FIST program.
10.	To organized the workshop for teachers on curriculum.	The proposal for Permission is submitted to the university	The permission is granted by university to other college. The college was unable to conduct this workshop.
11.	Planned to go for Re-accreditation II Cycle by NAAC	All the steering comittee members contributed their efforts.	SSR is submitted and the dates are finalized for the peer team visit.

** Attach the Academic Calendar of the year as Annexure.*

2.16 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	01	-	-	-
PG	04	-	04	-
UG	02	-	01	-
PG Diploma	01	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	04	02	-	06
Others	-	-	-	-
Total	12	-	05	06

Interdisciplinary				
Innovative				

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	07
Trimester	0
Annual	07

1.3 Feedback from stakeholders*

(On all aspects)

Alumni Parents Employers Students

Mode of feedback : Online Manual Co-operating schools (for PEI)

**Please provide an analysis of the feedback in the Annexure*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

The Revision of Syllabi made by University in B.Sc. I year

1.5 Any new Department/Centre introduced during the year. If yes, give details.

Sr. No.	Course	Agency	Duration	Amount
1	Drug Analysis (COC Course)	UGC	5 years	10,00,000/-
2	Mobile Repairing (COC Course)	UGC	5 years	10,00,000/-

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
25	21	04	0	0

2.2 No. of permanent faculty with Ph.D.

12

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
21	09	04	-	-	-	-	-	25	09

2.4 No. of Guest and Visiting faculty and Temporary faculty

06

04

39

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	08	18	04
Presented papers	02	04	03
Resource Persons	01	02	01

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- The college has been trying to make corresponding changes in the use of new technologies and methods for teaching, learning and governance. The faculties of the institution use computers, Laptops, LCD projectors, internet, educational CDs. Video clips, you tube short films and documentaries are regularly shown by the teachers to students. They are fledged with other supporting tools like printers and scanners.
- The institution is very keen regarding use of these modern teaching aids. The Principal and Vice-Principal verify time to time, the use of ICT by the faculty and give proper suggestions. Students are highly benefitted by these innovative teaching methods. Their interest in learning is increasing day by day. Besides this, they are getting technical knowledge about handling these equipments.

2.7 Total No. of actual teaching days during this academic year

196

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

Evaluation process & Reforms:

- 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 self-analysis.
- 6) The results are discussed in IQAC. The teachers doing good are felicitated.
- 7) The reforms are made wherever necessary.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

02

02

01

2.10 Average percentage of attendance of students

85%

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.Sc.	633	15%	35%	20%	10%	05%
BCS	74	05%	20%	20%	10%	04%
M.Sc.	144	10%	30%	25%	05%	05%

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

Yes, 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 student 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 Latur gives feedback on teacher's evaluation.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	12
UGC – Faculty Improvement Programme	--
HRD programmes	--
Orientation programmes	10
Faculty exchange programme	--
Staff training conducted by the university	15
Staff training conducted by other institutions	--
Summer / Winter schools, Workshops, etc.	06
Others	02

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	13	02	02	--
Technical Staff	32	03	02	--

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- 1) The College has research committee of three members, Principal is the chairman while Vice-Principal and IQAC Chairman act as members.
- 2) The committee encourages the faculty to submit Major/Minor Research Projects to UGC and other funding agencies.
- 3) The College has made provision of Rs. 2000/- for the completion of project to the students.
- 4) The College provides special amount of Grant to attend the National & International Conference to the faculty.
- 5) The College provides T.A. & D.A. to the students for attending seminars and competitions.
- 6) A large number of publications in Journals is contributed by faculty.
- 7) The Guest Lectures of eminent scientists are arranged for faculty & Students.
- 8) A very good industrial linkages in most of the departments are used in developing and updating students awareness.
- 9) The College has organised 07 Inspire Camps to promote the talent students towards the research.
- 10) The College has one recognized research centre in Microbiology Department and two research centre with equipments and facilities for research.
- 11) N-List is provided with 97000 Books and 4000 Journals.
- 12) Major/Minor Research Projects are sanctioned by DST & UGC.
- 13) 13 Seminars and workshops are conducted.
- 14) Special Budget is allocated to the Departments by the institution.
- 15) All the Laboratories are made available for 24 hrs. for researchers.
- 16) Duty Leave, Study Leave, Substantial Leave and other benefits granted as incentives to teachers to pursue higher studies and research.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	03	-	03
Outlay in Rs. Lakhs	-	25,00000/-	-	26,34,000/-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	03	01	-	04
Outlay in Rs. Lakhs	-	-	-	06,50,000/-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	06	12	04
Non-Peer Review Journals	04	06	02
e-Journals	03	01	-
Conference proceedings	02	06	08

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations.

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2013-14	UGC & DST	26,34,000/-	20,23,400/-
Minor Projects	-	UGC & DST	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects (other than compulsory by the University)	-	-	-	-
Any other(Specify)	-	-	-	-
Total	2013-14	UGC & DST	26,34,000/-	20,23,400/-

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
DPE DBT Scheme/funds

3.9 For colleges

Autonomy CPE DBT Star Scheme
INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

As our faculty provides consultancy on voluntary basis as per the problems observed in local areas such as:

1. Oil industry related analysis.
2. Regarding Hardness of water of Bore wells.
3. Detection of Blood groups
4. T.D.S. of water.
5. Drinking water analysis for potability.
6. Well water analysis of the farmers to export the agricultural goods.
7. Calculation of enzyme units for enzyme industry.

3.11 No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number	-	01	01	-	02
Sponsoring agencies	-	-	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons

02

3.13 No. of collaborations

International

04

National

04

Any other

05

3.14 No. of linkages created during this year

04

3.15 Total budget for research for current year in lakhs :

From Funding agency

20,00,000/

From Management of University/College

3,00,000/-

Total

23,00,000/

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	-
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

3.17 No. of research awards/ recognitions received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
04	02	01	01	-	-	-

3.18 No. of faculty from the Institution
who are Ph. D. Guides
and students registered under them

05

12

3.19 No. of Ph.D. awarded by faculty from the Institution

03

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF

-

SRF

-

Project Fellows

02

Any other

02

3.21 No. of students Participated in NSS events: 152

University level

151

State level

01

National level

-

International level

-

3.22 No. of students participated in NCC events: 57

University level

52

State level

03

National level

02

International level

-

3.23 No. of Awards won in NSS:

University level

01

State level

-

National level

-

International level

-

3.24 No. of Awards won in NCC:

University level

03

State level

-

National level

-

International level

-

3.25 No. of Extension activities organized

University forum

01

College forum

04

NCC

05

NSS

08

Any other

02

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- To fulfill and nourish these qualities among students Blood donation Camp is organized twice an year by N.S.S. and N.C.C. sometimes independently and sometimes jointly.
- Detection of Blood group activity.
- Veterinary checkup through NSS in Special Camp.
- Measurement of air pollutants like Sox, Cox, Nox in Latur Town.
- NCC and NSS students participate in Polio eradication programme organized by state Govt.
- NCC Cadets regularly participate in the police bandobast activity to control situation in ‘Lord Ganesh Visarjan Event’ yearly.
- Inter University sports events are organized to meet the college –college neighborhood.
- On occasion of Golden Jubilee Celebration of institute, the organization of “Nirbhaya Rally” in respect to women empowerment.
- College provides a joggers park to Citizens of Latur city to maintain health.
- The College has indoor & outdoor facility, through which the students are engaged in diff. Sport activities which inculcates the values of brotherhood and good citizenship of Nation.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	100313	-	-	25042.88
Class rooms	22	-	-	-
Laboratories	10	-	-	-
Seminar Halls	02	-	-	-
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	40	12	UGC/ DST-Management	62
Value of the equipment purchased during the year (Rs. in Lakhs)	-	20-lakh	UGC/ DST-Management	
Others				

4.2 Computerization of administration and library

Yes

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	55423	11425580	494	15917	55917	11585119
Reference Books	1511	1808102	06	12298	1517	1820400
e-Books	83000	5000	83000	5000	83000	5000
Journals	17	505810		32700	17	538510
e-Journals	3800	5000	3800	5000	3800	5000
Digital Database	Internet Access		Internet Access		Internet Access	
CD & Video	218	8720	12	480	230	9800
Others	13	15121	01	16034	14	31155
a) Daily News Papers						
b) Periodicals	14	52180	00	5781	14	57961
c) Conference Proceeding	01	500	01	500	02	1000
d) Unmesh	600	10500	700	10500	1300	21000
e) Uni. Question Papers Sets	75	10000	25	2500	125	12500
f) Library Computer Lab	04	112000	30	784000	34	896000

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	207	05	All	04	02	08	20	05
Added	10	-	-	-	05	02	03	-
Total	217	140	All	04	35	10	23	05

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

a) **Plans for Deployment and Up- gradation.**

- Digital attendance system
- Smart Digital Board Class rooms
- ICT enabling in all classrooms
- Development of virtual learning technology
- Hosting web server

b) **Strategy for Deployment and Up-gradation.**

- As per the new syllabus and introduction of new courses, new software is purchased.
- According to the requirements of software, computer capacity is upgraded.
- Increase in the number of computers is according to the requirements given by the heads, especially by the Department of Computer Science and the librarian.
- Increase in ICT enabled classrooms.
- ICT based equipments are purchased as per the requirements

4.6 Amount spent on maintenance in lakhs :

i) ICT	4,60,000/-
ii) Campus Infrastructure and facilities	3,37,000/-
iii) Equipments	12,27,000/-
iv) Others	6,40,000/-
Total :	26,64,000/-

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- **Awareness Programme:-**
 - Health and Hygiene, Computer Awareness, Human Rights, Environmental Issues, Women Empowerment.

Efforts made by the institution for tracking the progression

- The college arranges guest lecturers on NET-SET for P.G. Student
- The Computer Department engages classes for entrance examination of MCA
- The Science faculty arranges lectures for IIT-JAM admission for P.G. Courses.
- The Career opportunities after P.G. in different disciplines is also awarded.
- **Employment:**
 - The college conducts classes for competitive examinations.
 - The college arranges lectures on personality development.
 - The college arranges campus selection for students once in a year.
 - The faculty guides for Interviewing skills and Employment opportunities.
 - Encourages creative and courageous students for self employment.
 - UGC funds to the tune of Rs. **6, 60, 000** being utilized for student support Programmes

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
707	144	12	02

(b) No. of students outside the state

-

(c) No. of international students

-

Men	No	%	Women	No	%
	434	55		417	45

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
533	97	07	214	--	851	570	96	16	223	--	905

Demand ratio

Dropout %

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- Yes. There is a Career Counseling and Placement Cell for guiding students to seek job opportunities. The college organized the mental ability test of the students and thereafter the expert has provided counseling. The Cell organizes campus interview with the Industries and Stakeholders every year.
- The members of this cell guides for interviewing techniques and confidence at the time of interview. The details of the programme are displayed on the Notice Board for the students. The list of the interested students is prepared and is informed to the Stakeholders.
- The representatives of the stakeholders fix the dates and venue for interview. The students appear for the Interviews and gets placements.
- The college has a special cell for competitive examination. The cell conducts the classes on regular basis for preparing the students for competitive examination like MPSC, UPSC. The infrastructure like library facility, reading room etc. is made available to the students. The students who register their names with the cell are allowed to borrow additional books for preparation of the examination. The college conducts examination on regular basis to make them aware for competitive examination. The cell also arranges lectures of experts, IAS Officers and successful candidates for guidance of the students. The activity is performed interdisciplinary with Dayanand Education Society's colleges of our Institute in the premises.

The details of placement is shown below:

• Under-Graduate Placement Details:

Sr. No.	Year	No. of Students Enrolled	No. of Students Shortlisted
1.	2011-12	72	14
2.	2012-13	87	09
3.	2013-14	16	07

• Post-Graduate Placement Details:

Sr. No.	Year	No. of Students Enrolled	No. of Students Shortlisted
1.	2011-12	38	03
2.	2012-13	47	07
3.	2013-14	10	04

• We have placement linkages with companies like:

- Orchid pharmaceuticals and Chemicals, Aurangabad
- Balaji Amines, Solapur
- Tinna oils, Latur
- CIPLA, Mumbai
- Kirloskar Cummins
- Wipro
- Manjara Sugars, Latur
- Apex Laboratories, Aurangabad
- Tai industries, Pune

No. of students beneficiaries

-

5.5 No. of students qualified in these examinations

NET	04	SET/SLET	02	GATE	-	CAT	-
IAS/IPS etc	-	State PSC	-	UPSC	-	Others	-

5.6 Details of student counselling and career guidance

- The college has established the career counseling and guidance cell in the college. The Career Guidance and Counseling Cell has five members. The Head of the Institution is the Chairman of this cell. Other members are as follows-
 1. Convener - (working as a Co-ordinator)
 2. Members - Nominated by the Head of the Institution.
- **Academic:**
 - Academic services include the guidance of respective faculty enabling them to understand the contents of the syllabus and its applications. Hand-on-experience methodology is utilized for blowing innovative ideas in their minds.
- **Personal:**
 - The students are admitted from Rural and Urban area in this college. They have diversity of family background, economical conditions and regional limitations. They are advised personally on the principle of equity and understanding with each other through group discussions.
- **Career:**
 - The College arranges Selection camps once in a year for desiring students. The Library reading room is made available with new bulletins like Employment News, Rozgar Samachar along with Internet facility.
- **Psycho-social:**
 - The students are involved in N.S.S. activities and a camp is arranged every year in one of the villages in the month of January with a Social-Campaign. About 75 students for a period of 8 days serve in the region every year. The activities involve eradication of Superstitions, Health awareness camps, Importance of Education, Psycho-social activities for the villagers and small children.

- The services rendered by career Guidance and counseling are as follows:

		Counseling Functions/Activities
Guidance & Counseling at Point of Entry	Orientation, Registration Choice of electives Familiarization with important sites and locations on campus (library, dinning, health centre) students unionism	Self understanding Individual counseling Understanding others including Faculty and other Staff. in the institution Group counseling in the distinct areas like academic, personal-social, career.

Guidance and Counseling during the Course /Programme	Advanced Effective study habits Intensive library use and search Course changes Strategies of keeping steady academically, socially. Test taking behaviors; examination behavior awareness in the Course Content.	Relationships between courses/programmes subject selection and future plans Academic counseling in various forms Stabilizing inter-personal relationships.The ethics of examinations.
Guidance and Counseling on Exit	Seeking a job Writing applications and gathering information about openings Interview attending skills Exit Orientation Steps and stages in getting clearance.	Life as a young graduate The realities of the world of work Frustrations of seeking for employment Coping with the labour market; Alternatives to paid employment. Self Employment.

No. of students benefitted

60

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
04	120	14	-

5.8 Details of gender sensitization programmes

In our college, equal weightage is given to male and female students. Programmes are conducted by N.S.S. and N.C.C. Units on same platform for male and female students. The practical are also commonly conducted. There are common facilities such as library, canteen, auditorium and reading room etc. for male and female students. There is no differentiation in between male and female students and there is equal treatment to them.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level

40

National level

20

International level

-

No. of students participated in cultural events

State/ University level

54

National level

04

International level

-

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level	03	National level	01	International level	-
Cultural : State/ University level	02	National level	01	International level	-

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	06	90,000/-
Financial support from government	05	4,00,000/-
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives

Fairs : State/ University level	-	National level	-	International level	-
Exhibition: State/ University level	-	National level	-	International level	-

5.12 No. of social initiatives undertaken by the students

04

5.13 Major grievances of students (if any) redressed:

Yes. There is a Grievance Redressal Cell in the college. Prof. K.N.Rathod is the Chairman of this Cell and resolving the issues in grievances of the Staff and students efficiently. The following issues were reported and meted out effectively in short duration.

Sr. No.	Date of Issue	Name of Persons	Nature of Grievances	Decision
1.	22/07/2013	Prof. V. A. Chaudhari V/s All Students of B.Sc. Second Year	Prof. & Student related	Meted out on 23/07/2013

This cell is working smoothly on the principle of Natural Justice and free conscience in the college campus.

Criterion – VI

6. Governance, Leadership and Management

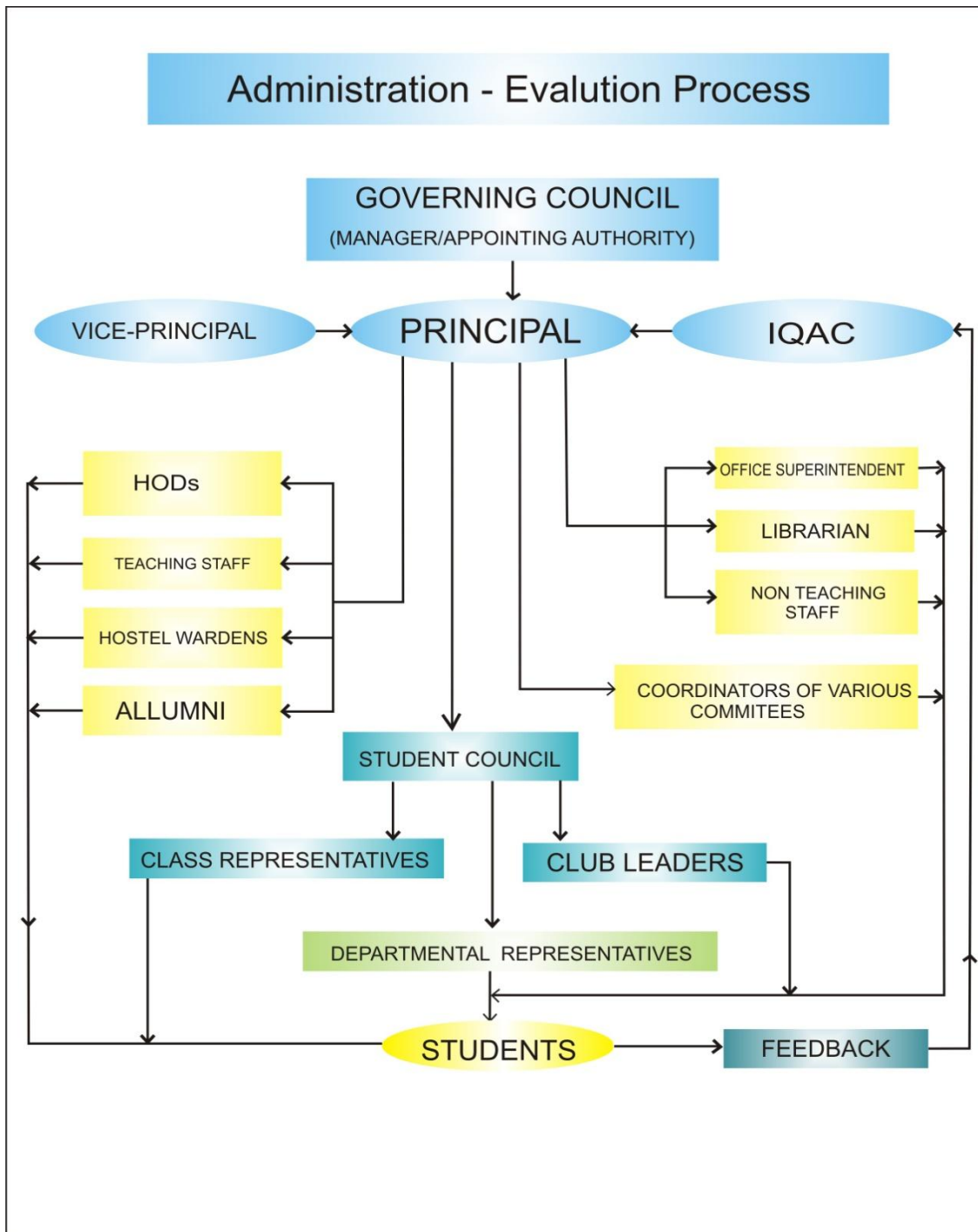
6.1 State the Vision and Mission of the institution

- **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.

6.2 Does the Institution has a management Information System

The management of the college is centralized and the Principal is the central administrative head. Decentralization and participatory management are core values in the day to day administration. The teaching and non-teaching staff members have representation on the Local Management of the trust. Inclusion of teaching and non-teaching staff on various committees is the regular practice of the college.

The internal organization structure of the institution is as follows:-



6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 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 Deploma in Bioinformatics.
- These courses are need based and job oriented courses as per their local needs termed as add-on courses.
At the end of year, the students are awarded a Certificate/Diploma/ in an add-on 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 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.

6.3.2 Teaching and Learning

- 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 student 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 Latur gives feedback on teacher's evaluation.

Teacher Quality

Sr. No.	Name of Teacher	Designation	Qualification
1	Dr. J. S. Dargad	Principal	M.Sc., M. Phil., Ph.D.
2	Shri. M. B. Deshmukh	Vice - Principal	M.Sc., M. Phil.
3	Shri. K. N. Rathod	Associate Professor	M.Sc., B.Ed.
4	Dr. S. B. Kathare	Associate Professor	M.A., M. Phil., Ph.D.
5	Shri. S. N. Ibatte	Assistant Professor	M.Sc.
6	Shri. Y. P. Sarnikar	Assistant Professor	M.Sc., B.Ed., NET.
7	Dr. Miss.N. S. Korde	Assistant Professor	M.Sc., SET., M.Phil., Ph.D.
8	Dr. Mrs. R. V.Kirtane	Assistant Professor	M.Sc., B.Ed., M. Phil., Ph.D.
9	Dr. R. V. Solunke	Assistant Professor	M.Sc., B.Ed., Ph.D.
10	Dr. N. A. Kedar	Assistant Professor	M.Sc., M. Phil., Ph.D.
11	Shri. S. K. Alane	Assistant Professor	M.Sc., B.Ed., NET.
12	Dr. C. S. Swami	Assistant Professor	M.Sc., Ph.D.
13	Shri. J. A. Angulwar	Assistant Professor	M.Sc., SET.
14	Shri. R. S. Shinde	Assistant Professor	M.Sc., B.Ed., SET,GATE
15	Shri. V. D. Gaikwad	Assistant Professor	M.Sc., M.Phil.
16	Miss. M. M.Pandit	Assistant Professor	M.A., M.Phil.B.Ed.
17	Dr. M. A. Bembade	Director of Physical Education	M.P.Ed. , M.Phil., Ph.D.
18	Shri. K. R. Bhise	Librarian	M.A., M.LIS, M. Phil.
19	Shri. A. M. Chougule	Assistant Professor	M.Sc., M.Phil.
20	Dr. V. A. Chaudhari	Assistant Professor	M.Sc., Ph.D.
21	Dr. L. V. Thakare	Assistant Professor	M.Sc., B.Ed., Ph.D.
22	Dr. S .S. Bellale	Assistant Professor	M.Sc., B.Ed., Ph.D.
23	Dr. V. D. Mote	Assistant Professor	M.Sc., Ph.D.
24	Shri. G. H. Bane	Assistant Professor	M.A., M.Phil., NET
25	Shri. R. K. Jadhav	Assistant Professor	M.Sc., NET

6.3.3 Examination and 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 self-analysis.
- 6)The results are discussed in IQAC. The teachers doing good are felicitated.
- 7)The reforms are made wherever necessary.

6.3.4 Research and Development

- **Research and Development:**

- The college have 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.

Sr. No.	Name	Subject	University
1.	Dr. N.S. Korde	Chemistry	Dr. B.A.M.U.A'bad
2.	Prof. J.A. Angulwar	Chemistry	S.R.T.M.U. Nanded

- Following Faculty members are pursuing their Ph.D.

Sr. No.	Name	Subject	University
1.	Prof. M.B. Deshmukh	Microbiology	S.R.T.M.U. Nanded
2.	Prof. Y.P. Sarnikar	Chemistry	S.R.T.M.U. Nanded
3.	Prof. R.S. Shinde	Chemistry	S.R.T.M.U. Nanded
4.	Prof. A.M. Chougule	Ind. Chemistry	Dr. B.A.M.U.A'bad
5.	Prof. R.K. Jadhav	Ind. Chemistry	S.R.T.M.U. Nanded
6.	Prof. S.K. Alane	Botany	S.R.T.M.U. Nanded
7.	Prof. K.N. Rathod	Physics	S.R.T.M.U. Nanded
8.	Miss. M.M. Pandit	English	S.R.T.M.U. Nanded
9.	Miss. A.G. Siddiqui	Microbiology	S.R.T.M.U. Nanded
10.	Prof. G.H. Bane	Hindi	S.R.T.M.U. Nanded

6.3.5 Library, ICT and physical infrastructure / instrumentation

Total Library Area is 8600 Sq. Ft. Two Stock Room, One Reference Section, One Circulation Section & One Reading Room is seating capacity 150. SOUL 2.0 Automation Software is using the "SOUL 2.0" (INFLIBNET Centre, Ahmedabad). OPAC facility available (Online Public Access Catalogue) in the "SOUL 2.0". Internet facility are available in Library. Library has registered for selected e-journals and e-books form "N-LIST" sponsored by INFLIBNET, Ahmedabad. This facility includes 3800+ research e-journals and 97000 e-books.

6.3.6 Human Resource Management

- **Human resource management:**

- 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 Co-curricular 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.

6.3.7 Faculty and Staff recruitment

- Faculty**

Position	Teaching faculty						Non-Teaching staff		Technical staff	
	Professor		Associate Professor		Assistant Professor		*M	*F	*M	*F
	*M	*F	*M	*F	*M	*F				
Sanctioned by the UGC ,University , State Government <i>Recruited</i>	-	-	04	-	18	04	56	06	13	06
<i>Yet to recruit</i>	0	0	0	0	09		04		04	
Sanctioned by the Management/society or other authorized bodies <i>Recruited</i>	0	0	0	0	25	14	06	05	03	04
<i>Yet to recruit</i>	0	0	0	0	0	0	0	0	0	0

➤ **Qualifications of the teaching staff:**

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	*M	*F	*M	*F	*M	*F	
Permanent teachers							
D.Sc./D.Litt.	0	0	0	0	0	0	0
Ph.D.	0	0	02	0	08	02	12
M. Phil.	0	0	01	0	05	01	07
PG	0	0	01	0	05	00	06
Temporary teachers							
Ph.D.	0	0	0	0	01	00	01
M. Phil.	0	0	0	0	03	01	04
PG	0	0	0	0	04	11	15
Part-time teachers							
Ph.D.	0	0	0	0	0	01	01
M.Phil.	0	0	0	0	02	02	04
PG	0	0	0	0	05	09	14

- **Staff Recruitment:**

The College is an aided College. It follows the norms of recruitment of teachers given by University Grants Commission and Government of Maharashtra. The policy of recruitment is as follows:

- The policy of recruitment is transparent.
- During recruitment of staff, the College advertises the vacancies of posts in University News, some national and state level newspapers and also on the web-site of College and University.
- After getting application from the candidates, these are scrutinized.
- Thereafter the College demands the selection committee from S.R.T.M. University.
- The selection committee comprises the Management Members, Principal, Government Nominee, Vice-Chancellor's Nominee, two subject experts and head of the department of concerned subject.
- The eligible candidates are called for interview.
- The selection committee conducts the interview as per the guidelines of the University and selects the most eligible candidates.
- List of selected candidates is displayed on the website of the college.
- The selected candidates are given their appointment letter and their approval is sought from the University.
- Norms regarding eligibility and reservation are strictly followed.

6.3.8 Industry Interaction / Collaboration

- 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.

Department	Collaborative Institute
Chemistry	1. Tina Oil Ltd.,Latur. 2. M.O.J.J. Pune.
Zoology & Fishery Science	➤ BHOOMI –Pune. (NGO)
Microbiology	1. Govt. Medical College, Latur. 2. M.I.M.S.R. Medical College,Latur 3. Maharashtra biofertilizers Ltd.,Latur.
Mathematics	1. Aligarh Muslim University, Aligarh 2. Karnatak University, Dharwad. 3. School of Mathematics, SRTMU Nanded. 4. Mathematics Research Centre, Ahmedpur, Latur. 5. Mathematics Research Centre, Pt. Ravishankar University, Chattisgad. 6. Mathematics Research Centre, Science College Nanded. 7. Mathematics Research Centre, Dr.BAMU Aurangabad.
Physics	1. Centre for Materials for Electronics Technology (C-MET) HCL (PO), Hyderabad. 2. Tata Institute of Fundamental Research, Mumbai. 3. Advanced Materials Research Laboratory, Dep. Of Physics, Dr. BAMU, Aurangabad.

6.3.9 Admission of Students

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 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.

6.4 Welfare schemes for

Teaching	➤ College runs following welfare schemes.
Non teaching	<p>➤ College gives assurance to the loan disbursing agency on behalf of the employee for the purpose of construction of home, furniture loan and educational loan.</p> <p>➤ The college has employee credit co-op. society audited by grade A which offers loan for various purposes upto Rs. 8.00 lakh.</p> <p>➤ It also offers festival loans, Emergency loan (upto Rs.20,000/-) per year.</p> <p>➤ The society felicitates the meritorious students of the members of the society.</p> <p>➤ Two sets of uniform is given to Class IV workers by the management.</p> <p>➤ Emergency medical fund provision is made by the management under</p>

	<p>the authorization of Principal.</p> <ul style="list-style-type: none"> ➤ There is provision of fee concession to the students of the staff. ➤ The benefits of these schemes is availed by 100%- staff accordingly. ➤ Management releases advances against the salaries to the newly appointed staff members. 										
Students	<table border="0"> <tr> <td>1) Earn and Learn Scheme</td> <td>6) Personality Development</td> </tr> <tr> <td>2) Special Guidance Scheme</td> <td>7) NCC</td> </tr> <tr> <td>3) Book Bank</td> <td>8) NSS</td> </tr> <tr> <td>4) Internet Facility</td> <td>9) Prizes & Awards</td> </tr> <tr> <td>5) Students' Aid Fund</td> <td></td> </tr> </table>	1) Earn and Learn Scheme	6) Personality Development	2) Special Guidance Scheme	7) NCC	3) Book Bank	8) NSS	4) Internet Facility	9) Prizes & Awards	5) Students' Aid Fund	
1) Earn and Learn Scheme	6) Personality Development										
2) Special Guidance Scheme	7) NCC										
3) Book Bank	8) NSS										
4) Internet Facility	9) Prizes & Awards										
5) Students' Aid Fund											

6.5 Total campus fund generated

6.6 Whether annual financial audit has been done

Yes No

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	-	Yes	-
Administrative	Yes	-	Yes	-

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes No For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

- **Evaluation reforms of University:**
 - Two internal assessment examinations.
 - Multiple Choice Question (M.C.Q.) type examinations for B.Sc. I year and II year students and theory type examinations for B.Sc. III, B.Sc. (Computer Science) and M.Sc. students.
 - Use of O.M.R. answer sheets.
 - Availability of photo copies of the answer books to students for review of the result.
 - Completion of project for Environmental Science to B.Sc. III year students.
 - Additional improvement examination for theory and practical.
- **Evaluation reforms of College:**
 - The college follows the evaluation method formed by the University. It conducts two internal examinations for each semester. The marks of internal examinations are sent to university. The reforms initiated by the college on its own are as follows:

- The schedule of both the internal examinations is displayed in advance at the beginning of semester. Internal examinations are conducted by proper method.
- The departments set their own question papers and provide to the examination cell.
- The examination cell prints the question papers and conducts the examination as per time table, just like university examination. Invigilation duties are allotted to the faculty.
- The answer books of both the internal examinations are in a single booklet, which helps for easy recording and easy perusal for the students to review.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

- The Parent University has a provision of according the status of autonomy.

6.11 Activities and support from the Alumni Association

- The institution has vibrant alumni association. It has been formed and it has its own constitution. The alumni office bearers are as follows:
 - President
 - Secretary
 - Joint Secretary
 - Treasurer
- There is a separate Bank Account and Alumni meet is arranged every year.
 - **Activities during the last two years:**
 1. Adaptation of two students every year from poor background.
 2. Felicitation of meritorious students.
 3. Financial aid to the needy, poor and Economical Backward Class students for their education.

6.12 Activities and support from the Parent – Teacher Association

- College has appointed a Public Relation Officer (PRO) to maintain the record of the students and communicate their academic performance to their parents.
- PRO communicates to parents and gives information about the overall performance of student.
- PRO looks after the management between students, parents and the visitors.
- The institution is committed to bring down the dropout rate. The socio-economic, cultural and psychological issues contribute to the drop out factor. To deal with the socio cultural problems, the counseling cell and grievance cell addresses to the students and sometimes to parents. The institute provides hostel facility to the girls. There are number of teachers in the college who extend financial support to the needy students.
- The Department of English arranges special lectures on the “Spoken English Language” to address the issue of foreign language compatibility. The main objective of this scheme is to orient learners towards self-learning and develop skills in communication.
- The students who are weak or seem to fail in the exams are provided coaching through extra classes in the college. The college also arranges cost free remedial classes for the weak students. The Student-parents meeting is arranged at the beginning of every year.

6.13 Development programmes for support staff

- The College arranges ICT training programme by the dept. of Comp. Sci. for teaching and non teaching staff to enhance their Professional capabilities.
- The faculties are motivated to organize and participate the Conferences, Seminars and Workshops.
- The Faculties are encouraged to attend the orientation programmes, refreshers and short term courses for the enrichment of subject knowledge.
- Faculties are motivated to apply for major and minor research projects, career oriented courses to the diff. funding agencies to nurture professional developments.
- The faculties are encouraged to take research activity through Ph.D. and management sanctions study leave for the same.

6.14 Initiatives taken by the institution to make the campus eco-friendly

- **Various initiatives are taken by the college to make the campus eco-friendly.**
- **Energy conservation:**
 - The main source of energy is electricity. In addition to the electricity, the college has installed solar lighting in the campus i.e in girls hostel and in tennis cort, street light.
 - At most care is taken to save electricity by taking proper maintenance of the wiring and electrical equipment.
 - Solar water heating system is installed in women hostel and boys hostel.
 - To conserve energy we use CFL bulbs, fluorescent lubes, refrigerators with power saver remark.
 - The computer screens with the LED backlight so that it requires little energy.
 - In Chemistry laboratories the electric equipment and other accessories are installed by the technician to conserve energy to maintain safety.
 - In women hostel for electrical water motor – 5 HP connected capacitor, which has reduced electricity losses.
 - In Electronics laboratory common voltage source is provided to perform number of student's practical on a common bench.
 - All the constructed buildings have adequate ventilation of natural light hence during day time minimum requirement of energy is there and hence energy is conserved.
- **Water Harvesting:**
 - Water harvesting arrangements are made in the campus with the help of NSS volunteers.
 - In the Chemistry laboratory the water harvesting system is in working order during rainy season.
 - Roof water is collected and used as distilled water, which is used by all laboratories throughout the year.
 - For specific practicals glass distilled water is used which is prepared in Chemistry laboratory using glass distillation plant.
 - In the campus, Contours are made to stop run off rain water for effective ground water recharge.
 - Our main resource of water is well which is situated on slope level and rain run of water is used for ground water recharge.
- **Efforts for Carbon neutrality:**
 - The greenery around the institute helps to neutralize whatever carbon by products that are

- generated.
- In the campus huge trees are planted and spacious area is present.
 - **Plantation:**
 - The college is aware about the eco-friendly environment around the campus in the context of global warning problem.
 - The campus is full of green trees. The college has planted different types of trees in the campus.
 - We are creating green Zone in front of Chemistry Department and library building.
 - Due to universal problem of water shortage we have made the arrangement like drip, sprinkler and underground pipelines to save and utilize water and to overcome the problem of water shortage.
 - As a result our campus has become full of greenery and beautiful.
 - **Hazardous:**
 - The waste material is dumped.
 - Acids, alkalis and other Chemical are drained with plenty of water so that they get diluted and can't cause harm in the laboratories.
 - Acids are stored in the glass bottles which are kept in sand.
 - The stoppers of all the bottles are regularly checked.
 - Exhaust fans are provided in laboratory to expel gaseous waste.
 - Dayanand Education Society has a common waste store room, for waste furniture, waste papers and other waste material; which are procured by offering tenders the waste products are sold and resource is generated.
 - Common waste dumping ground is located at opposite Dayanand College Commerce library.
 - Waste is collected by municipal corporation regularly.
 - **e-Waste Management:**
 - e-waste is dumped behind girls hostel.
 - A property manager Shri. M.D. Katpure is appointed by management to look after all the waste material management.
 - Electronic materials, discarded computers are being sold by property manager.
 - E-waste is given to outside agency Ramdev Computer, Latur, to reuse & dispose.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- **Students Feedback System:**
 - The college has developed the mechanism of student's feedback.
 - The college is using the feedback forms provided by the IQAC cell.
 - The feedback forms are analyzed by the feedback committee and the outcome is communicated to the concerned.
 - Spoken English course is started.
 - Due to feedback demand and different students organization, National Anthem is introduced.
- **Library Automation:**
 - The college library is fully computerized.
 - The SOUL 2.0 Software is being used in the library.
 - All the staff working in the library is computer literate.
 - Bar-code work is started for all the books.
 - Student and staff books issue/return SOUL 2.0 library automation software.
 - INFLIBNET N-list, virtual lab facilities etc.
- **Automation of Administrative Block:**
 - The college has computerized administrative block.
 - Every staff member is provided a desktop along with internet facilities.
 - The college has purchased a college management software.
 - All the Departments are connected with broad band internet connectivity.
- **Dayanand Vidhayartha Suvridha Kendra:**
 - In this Suvridha Kendra, there are practical books of various subjects, notebooks and tutorial books.
 - Project books and education material are also available for students.
 - For above material, less charges are applied on the basis of no profit and loss.
- **Public Relation Officer (PRO):**
 - College has appointed a Public Relation Officer (PRO) to maintain the record of the students and communicate their academic performance to their parents.
 - PRO communicates to parents and gives information about the overall performance of student.
 - PRO looks after the management between students, parents and the visitors.
- **Academic Innovations:**
 - M.Sc. Biotechnology, M.Sc. Computer Science and Diploma in Bioinformatics are newly introduced.

- **Career oriented Courses:**

1. Electronic Equipment maintenance.
2. Embedded software system design.
3. Food processing.
4. Computer hardware Networking.
5. Drug Analysis.
6. Mobile Repairing.

- ICT based teaching is adopted.
- Encouraging staff to use teaching aids, paper clippings, subject specific video clipping from internet for better delivery of content.
- Digital classroom in Microbiology, Biotechnology, Physics, Computer Science.
- ICT based projectors are made available for the dept. of Botany, Zoology and Computer Science.
- The feedback of students concerning the college, teachers, COC, library services etc. is regularly taken by the different committees confidentially and open discussion with students is made by Principal.
- For U.G. and P.G., class teachers are appointed to maintain regularity and progress of students.
- Every week the reports of students are send to parents by message.
- Internet facility has been extended to all the departments.
- We also run the special classes for various competitive exams such as NET/SET, IIT entrance exam in different subjects.
- CC TV cameras are installed in classrooms, laboratories, hostel buildings and library campus.
- National Pollution Control Programme is run by our college.
- Following Parameters are analyzed from Latur city.

1. RSPM (Respirable Solid Particulate Matter)
2. SPM (Suspended Particulate Matter)
3. SO₂ (Sulphur dioxide)
4. NO_x (Oxides of Nitrogen)

The results are send every month to Maharashtra Pollution Control Board, Mumbai. (MPCB)

- This information is displayed periodically on the notice board for students.
- Our college is conducting "Gandhi Vichar Sanskar Pariksha" which is organized by Gandhi Research Foundation, Jalgaon.
- Determination of blood groups of students is done by Microbiology students in association with NSS and NCC.
- Checking of water potability for drinking purpose is done by the college students.
- Soil testing is done free of cost with the help of students of Botany & Microbiology for farmers.
- Water potability of various sources like boar well, open well, tap water routinely performed to check water potability by students of Microbiology.
- Hardness of water is estimated by students of Chemistry department.
- College organizes Inspire Camp every year.
- College has walking track of one km, developed by our institute with the help of Municipal Corporation Latur.
- This walking track is made available for students and staff in the morning & in particular timing for society.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- 1) College planned to take NAAC Reaccreditation.
- 2) To facilitate the Infrastructure for Museum in Zoology & Fishery Department
- 3) To Facilitate infrastructure for central computer facility
- 4) To submit the proposal for Major / Minor Research Projects under UGC Scheme
- 5) To facilitate the Research Guides in the College
- 6) To encourage participation of students in Cultural and other activities.
- 7) To promote the Faculty for attending Orientation/Refresher Course.
- 8) To develop an infrastructure for seating capacity of 150 students.
- 9) To conduct the university sports Tournaments and training camp.
- 10) To provide Research based equipments in Chemistry Department.
- 11) To organized the workshop for teachers on curriculum
- 12) Planned to go for Re-accreditation II Cycle by NAAC

7.3 Give two Best Practices of the institution (please see the format in the NAAC Self-study Manuals)

Best Practice – I

1. **Title of Practice:-** “ 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.

The goals of P.R.O. are as follows.

2. **Goals:**

- 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.
- To communicate teachers, alumni, students and parents through electronics media of PRO.
- To increase involvement of students in college activities.

3. **The Context:**

- 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 its our job to inform the parents about their ward.
- Parents are much worried about their daughters. We can improve their faith on our college.

- We want good suggestions from parents to improve our institution.
- Day to day maintenance of academic records.
- This practice gives importance to the role of PRO as monitor, counselor, facilitate closer bonds between the faculty, students and their families and positively affects the academic as well as the overall performance of the student.

4. The Practice:

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/-

- In Parent Relation Office, one fulltime Parent Relation Officer and two additional supporting staff is appointed.
- The PRO sent the Presenty / Absenty reports to the parents.
- The PRO communicates the parents by using the phone about the students progression.
- The PRO calls the meeting of faculty, students and parents twice the year.
- The PRO also arranges the meeting of Alumni.
- At any time in year the parents can contact with faculty through PRO and he can check attendance / mark list and overall progress of student.

5. Evidence of Success:

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 'Suvidha Kendra' in college according to parents feed back.
- Improvement in teachers is also observed.
- We have restructured our time table according to convenience of student.
- We are going to develop automatic attendance system.
- Development of students in their academic performance.
- Bridge the gap between college, parents and students.

6. Problems Encountered and Resources Required:

- 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.

7. Notes:

The practice "Parent Relation Office" is a healthy practice. This healthy practice 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 and they will attract towards the college and quality education.

Best Practices: II

1. Title of the Practice:

➤ Organization of INSPIRE Internship Science Camps:

2. Goal:

"Innovation in Science Pursuit for Inspired Research (INSPIRE)" is an innovative programme sponsored and managed by the Department of Science & Technology for attraction of talent to Science. The basic Goals of INSPIRE is to communicate to the youth of the country the excitements of creative pursuit of science, attract talent to the study of science at an early age and thus build the required critical human resource pool for strengthening and expanding the Science & Technology system and R&D base.

3. The Context:

One of the components of "Scheme for Early Attraction of Talent for Science (SEATS)" is INSPIRE Internship in which annually about 50,000 students of top 1% performers in Class X board examinations and pursuing science at higher Secondary level are being given an exposure with leaders in science in the Summer/Winter camps to experience the joy of innovations. These Science Camps essentially nourish the curiosity of children in science; help them to think out of the box and attract the students at an early age of 16 - 17 years (i.e. in XI standard) to enroll in science subjects.

4. Practice:

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 three consecutive years. In all up till now 7 camps were organized and 1750 students benefited by these camps. The camps are meant for science students of class XI. These were fully sponsored five-day 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 a take-home experiment kit were given to the students at the end of the five-day Science Internship Camp.

➤ DST-INSPIRE Internship Camps Arranged

Dayanand Science College has successfully conducted 4 science camps in the span of last Two years as follows :

Sr.No.	Camp	Duration	No of Students
1.	IV Camp	10 – 14 Mar., 2012	300
2.	V Camp	21 – 25 Jun., 2012	300
3.	VI Camp	19 – 23 Nov., 2012	400
4.	VII Camp	06 – 11 Nov. 2013	300

- The activities involving hands on experience like Telescopic viewing of Moon's Surface, Satellites of Jupiter's and many more is 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.
- The camps were absolutely residential in nature, even the local candidates were also not allowed to go home. So that, they may feel themselves an integral part of these camps.

The basic segment of the camps include Lecture-cum-interactive sessions by the competent Mentors in their subjects like Physics, Chemistry, Botany, Zoology, Mathematics, Earth Science, Geology, Space Science, Nanotechnology, Medical Science, Astrophysics etc.

- **Mentors Invited from:-**
 - Indian Institute of Science, Bangalore.
 - Tata Institute of Fundamental Research, Mumbai
 - National Geographical 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
Nehru Science Center, 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 "DST-INSPIRE SHE".
- Eleven students are admitted in the B.Sc. degree course who are awarded by the scholarship of 80,000/- per year for the next five years.
- Every participant has earned a Life-Time experience.
- The participating students were enriched with the knowledge of the other fields to make their career in basic sciences.
- The students had improved their interest in basic science subjects and scored good

marks in XII Board Examinations.

- They had been inspired for “not to seek more jobs but to provide more jobs.”
- They came to know that there are many more opportunities in other fields also to choose their career instead of Medical and Engineering only.
- Majority of the participants plans to rethink their future career plans.
- The parents of the participating students were also invited to interact with Mentors and Organizers in extra session in every Camp.
- The Oral and Poster presentation competition is introduced in the schedule which leads to collect information on the subject and confidence in presentation. The toppers in such competitions are also awarded by prizes from Vigyan Prasar, New Delhi.
- A test has been conducted to evaluate the students at the end of the camp.
- The Mentors were willing themselves to join in the another camps.

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 ‘INSPIRE’ camps is healthy practice. This healthy practice increases attraction of talented students towards basic courses which increases research activity of our country.

Best Practices: III

1. **Title of the Practice:**

- Felicitation of meritorious students.

2. **Goal:**

- To felicitate every meritorious students in the college in academic and extracurricular activities.
- To motivate the existing students to do the hard work and achieve merit.
- To promote the activities that are necessary for the welfare and overall development of the students.
- To prepare the students to face the challenges of the competitive world.

3. **The Context:**

Most of the students of our college come from the nearly rural area. These students are having adequate knowledge and some of them stood in order of merit in the university. But they have less confidence about themselves for the higher level competitive examinations. So in order to promote them and build confidence among them for preparing them to face the entrance and competitive exams, the college organizes their felicitation program at different

occasions like gathering and special programmes in which different state and university level achievers are invited.

4. **The Practice:**

Felicitation of meritorious students (Gunvatta Sanman Yojana) is the best practice adapted by the college. For the effective implementation of this practice we are doing certain important things.

i) **Free Hostel Facilities and EBC Scholarships:**

Free hostel facility is extended for needy students of rural background. The college has 120 boys and 350 girls in hostels.

- Education to students from economically weaker section of the society is always a prime agenda of the college.
- EBC, Scholarship and other central and state government scholarship are awarded to the students as per the government policy. College has established a committee of GOI and other scholarship guidance through which students are guided to apply for EBC, Scholarship and make follow off for getting this facilities.
- These committees guides about different scholarship scheme organized by state government such as GOI, Rajarshi Shahu and Mahatma Phule Scheme to students.
- These committee guides and advises to those students who are from economically weaker open section to take educational loan from bank.

ii) **Faculty members of the college promote to the students to accepts the challenges of the changing world.**

iii) **Career Counselling and Placement Cell is established and organize programmes like spoken English, communication skills and personality development.**

iv) **A set of special study material is given to the meritorious students.**

v) **Awards Prizes:**

For the encouragement of students, college awards prizes to meritorious students, who hold top position in various subjects at different class level for every year.

- These prizes are given through the amount of interest on deposits by various donors from latur city.
- These donors are Trusty, Alumni, faculty members and parents and donate awards in memories.
- As per the results of university exam, the meritorious students are awarded with cash prize in gathering programme on the basis of previous year result analysis. The students with better academic prospects are identified in each subjects and are given special attention towards their progress throughout year.
- From the donors college take cross check in favour of Dayanand Education Society and deposited into Dayanand Education Society and they received acknowledgement receipt by 12% interest.

- List of merit students is displayed & the prizes are distributed in gathering and all donors are invited and true copies of the certificates (certificate Xerox) of merit students is also given to donors.

**Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

7.4 Contribution to environmental awareness / protection

- Through N.C.C. and N.S.S., various activities for awareness towards environmental issues are organized.
- Research studies carried out in Industrial Chemistry department through M.P.C.B. project of continuous air monitoring of air sample in Latur town, which provides valuable information to Govt. of Maharashtra which is helpful to solve environmental problems/ air pollution in this region.
- **Plantation:**
 - The college is aware about the eco-friendly environment around the campus in the context of global warning problem.
 - The campus is full of green trees. The college has planted different types of trees in the campus.
 - We are creating green Zone in front of Chemistry Department and library building.
 - Due to universal problem of water shortage we have made the arrangement like drip, sprinkler and underground pipelines to save and utilize water and to overcome the problem of water shortage.
 - As a result our campus has become full of greenery and beautiful.

7.5 Whether environmental audit was conducted?

Yes

No

7.6 Any other relevant information the institution wishes to add. (For example SWOT Analysis)

The SWOC Analysis:

- **Strengths:**

- One of the well reputed Science faculty college in the region.
- The College has a magnificent campus of seven 22 acres of land, with the natural beautiful surrounding which provides a great potential for future physical expansion.
- The physical infrastructure facilities- buildings, laboratories, library with 75,000 books, indoor stadium and outdoor sports facilities, well equipped computer laboratories, auditorium, Canteen, Health Centre, Botanical Garden, girls and boys Hostels, Network Resource Centre, Smart and Interactive Classrooms with ICT based, Girls common room, Wi-Fi, Broadband connection for each laboratory and departments.
- The advanced research instruments are available in Physics, Microbiology, Biotechnology and Chemistry departments.
- All faculty members actively engaged in research work and deliver the invited talk in international conferences in and outside the India.
- 50 % faculties are Ph.D. holder.
- The IQAC devises action programmes and implement the same for the welfare of the students. The statutory and non statutory committees make their significant contribution for the academic and administrative progress of the college.
- Research and teaching go hand in hand in all the departments. Teachers avail FIP, sabbatical leave and do Ph.D. programmes and present research articles in conferences and seminars. They act as chairpersons, Resource persons and deliver Invited Talks/Guest Lectures in Remedial/Bridge/Orientation /Refresher courses. They contribute their might to research by publishing articles in peer reviewed journals, Research Advisors, members of Departmental Research Committee/Doctoral Committee members of other institutions and universities / peer reviewers, editors of journals.
- Democratic Management of the trust is one of the important characteristics.

- **Weaknesses:**

- Though the college prospers with all the strength of an institution of global standards, again, due to its geographical area could not attract international students.
- Since most of the student entrants are agrarian based, partially agriculturalists themselves, with education in the medium of regional language till Higher secondary level, they lack good Communicative Skills in English.
- Most of the students are first generation learners. Hence, the motivation level is very low.
- The exam pattern of our University is MCQ for UG I, II year is not satisfactory for getting deep subject knowledge.
- Lack of Industrial area in the region and it is difficult for the placements.
- No autonomy for launching new professional courses.

- **Opportunities:**

- As colleg runs 5 P.G. courses intends to develop research centres in different science streams.
- Number of students admitted in the different courses is increasing annually.
- Education is skill unattainable to many girls from rural areas. Now a days, due to transport facility, girl students from interior villages are educated, at par with boy students, up to research level.
- Greater opportunities are there for student's progression.
- Though situated in a rural atmosphere, technology based ontological tools of teaching, classrooms with smart and interactive boards and syllabus catering to global needs and standards are implemented and practiced.
- To start PG programmes in Physics, Mathematics and other interdisciplinary subjects.

- **Challenges:**
 - To retain the students from going to other places for higher education.
 - To make MOU's with leading industries for training and placement.
 - To increase the communication skill in English among students.
 - Giving job orientation to our traditional courses.
 - There are ample opportunities to attract foreign students.
 - Slow but steady industrialization of the region provides better job opportunities and entrepreneurship.
 - Inadequate land for further expansion of the campus.

8. Plans of institution for next year

- 1) To submit proposal for Best-College Award.
- 2) To take two inspire camps under DST-FIST.
- 3) To submit the proposal for M.Sc. Physics, Mathematics.
- 4) To submit proposal for Research Centre in Mathematics, Physics & Chemistry.
- 5) To organise the workshop on SEB for inventions.
- 6) To construct the conference hall for UG & PG.
- 7) To submit the proposal for research project.
- 8) Establish MATLAB Centre.
- 9) To construct the additional classroom for UG & PG.
- 10) Arrangement of lift.
- 11) To construct the class room for the New PG course.
- 12) To construct the additional laboratory for Computer Science.
- 13) To make minimum 5 collaboration with research centres.
- 14) To make minimum 3 collaboration with companies for placement.

Name _____

Name _____

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

Annexure I

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission
