



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



**Annual Quality Report**  
**2007-2008**

**Submitted To**

**The Director,**  
**NAAC Council,**  
**P.O.Box 1075, Nagarbhavi,**  
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**By**

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Dayanand Education Society's  
**Dayanand Science College, Latur**  
**Annual Quality Assurance Report**  
**2007-2008**

**1. Vision of the Institution**

Enlightened student of rural area and contribute them for Universal development by promoting education.

**2. Mission statement of the Institution**

**“aa no bhadra kratavo yantu vishwatha”**: let knowledge from all corners of the Universe come to us.

**3. Goals and objectives 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 student
- To help the needy and economically weaker student 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.

## Part A

### **2.0 Pre instructional planning in the year to words quality enhancement.**

- Implementation of recommendations of the peer team in their report of accreditation.
- The Road map drawn by the college in the implementation of infrastructure.
- To promote the Information and Communication Technology based instructions.
- To inculcate quality perspectives in teaching, learning and evaluation.
- To complete the all college level process for the Second cycle of accreditation.
- To improve the Research activity in the college and the Faculty.
- To fulfill the available vacancies in sports, English, Library by the highly qualified Applicant.
- To organize blood donation camp through NSS and NCC.

Such different plans are chalked out by the institution for the improvement.

## Part B

### **1. Activities' reflecting the goals and objectives of the Institution**

- Our institution runs two P.G. Courses in Microbiology and Chemistry where admissions to these P.G. Courses for economically weaker and rural area students are given on concession basis. For few students free hostel as well as mess facilities are provided.
- Students of this university are given priority in admission. Free hostel facility is extended for genuine and needy students of rural background. Education to students from economically weaker sections of the society is always a prime agenda of the institution. EBC, Scholarships and other central and state govt. Scholarships are awarded to the students as per government policy.



- Institution believes in the overall development of students. To achieve this NSS and NCC units of the college organizer different activities like residential camps in villages where students are exposed to physical labour, awareness of rural problems etc. NCC cadets are trained in regular parade and camps for development of qualities like comradeship, bravery etc. Seminar by the students is a constant ongoing activity throughout the year.
- Physical fitness is not overlooked by the institution, ground and sport facilities are provided for sports persons and college students. Cultural expressions of the students are taken care of in annual Social Gathering, Youth festival etc. Girl students participation in such programmes is highly encouraged. Competitions like debate, Science quiz and essay writing also are conducted for inculcating stage courage, scientific aptitude among the students.
- Earn and learn scheme is major area for help to economically backward classes. Help is also rendered for the students by faculty members. Management of the college shares some quantum of economically backward students fees in the nongranted courses.

## 2. UG & PG

The Proposal of M.Sc.(Computer Science), M.Sc. (Biotechnology) is submitted to the University.

### UG Course

| Class             | Men | Women | Total |
|-------------------|-----|-------|-------|
| B.Sc. First Year  | 98  | 33    | 131   |
| B.Sc. Second Year | 78  | 40    | 118   |
| B.Sc. Third Year  | 67  | 44    | 111   |
| Total             | 243 | 117   | 360   |

### PG Course

| Class              | First Year | Second Year | Total |
|--------------------|------------|-------------|-------|
| M.Sc. Chemistry    | 35         | 30          | 65    |
| M.Sc. Microbiology | 30         | 30          | 60    |

**Research Center:**

| Subject Name | Men | Women | Total |
|--------------|-----|-------|-------|
| Microbiology | 1   | 1     | 2     |

**Academic results: June 2007-2008**

| Class                         | Total Students | Appear Student | Passed Students | First Class | Second Class | Pass Class | Percentage of passing |
|-------------------------------|----------------|----------------|-----------------|-------------|--------------|------------|-----------------------|
| B.Sc. I, II, III              | 360            | 349            | 270             | 96          | 80           | 94         | 70.00%                |
| M.Sc. (Micro.)<br>Second Year | 30             | 30             | 19              | 19          | 0            | 0          | 57.57%                |
| M.Sc. (Chem.)<br>Second Year  | 30             | 27             | 16              | 16          | 0            | 0          | 56.00%                |

**3. SRTM** – University has constituted academic bodies for framing the curriculum. Some members of this institute are actively engaged in designing of curriculum at University level.

**4. Inter disciplinary prog. Started**

Nil

**5. Examinations reforms**

Examinations of all classes are conducted by SRTM University Nanded. The regulation and reforms are suggested by University. However, the practice like providing question bank to students before internal examination is followed by the college.

**6. NET / SET**

Microbiology – 01

Chemistry – 01

## 7. Workshops conducted

Workshops Conducted in the Botany and Zoology Department for the student

## 8. Research Project

- Newly implemented – Nil
- Completed – Two

During this period, No. project was sanctioned by any funding agency. However teachers are encouraged to submit the MRP to UGC in the coming academic year.

## 9. Patents generated

- Our Botany and Zoology Department have linkages with School of Life Science, Jalgaon, Institute of Science, Aurangabad.

## 10. Collaboration research

- The Collaboration of the Physics Department with the Karmaveer Bhaurao Patil Mumbai. On the Semiconductor Devices
- Our Physics Department's Research Center has Collaborative with the Research Center Dr. Babasaheb Marathwada University, Nanded.
- Physics Research Center Shahu College, Latur and Department of Physics Research Center and Physics Research Center Shivaji College, Omerga Dis. Osmanabad.

## 11. Research Grants

Nil

## 12. No. Research Scholar

Mirobiology-02

## 13. Citation index

Nil

#### 14. Honors / Awards

Nil

#### 15. Internal resources generated

- From the different sources we have generated Rs. 80,000/- as a internal resources for the developmental work of the college.
- Also we have received Rs. 1,00,000./- for the developmental work of college.

#### 16. DAP / DST / FIST

Nil

#### 17. Community Services

- Blood donation camp was organized by NSS & NCC units of this college. Students are encouraged for donating blood. Cadets of NCC takes a pledge for donation of vital organs and show solidarity with social causes by taking the pledge against female feticide and ant dowry.
- Microbiology department check the potability of water on regular basis of college water tank.
- NCC Cadets also participate in cleanliness drive Pulse-polio drive and AIDS -awareness drive organized by the civil authorities.
- NSS unit of this college conducts a fully residential camp at the villagers nearby for community services. The volunteers are motivated youths and carry out cleanliness drive, adult education drive, environment pollution awareness and AIDS awareness drive for the benefit of the rural population.

#### 18. Number of teachers/officers newly recruited

Mr. Mahesh Bembade – Physical Instructor  
Mr. Kiran Bhise – Librarian

#### 19. Teaching : Non – teaching ratio

1 : 3

## 20. Improvement in Library

- Library automation is underway and would be completed soon. The Hardware
- System available in the Library are Computers : 3, Printer – 1, C.D. Writer – 18 port switch – 1, E- cats cable – 1, UPS etc. The software for Library use is EASY Lib- 4.1 developed by Marcous consultants, Pune. Data entry is in progress.
- The library networking is in LAN and with internet, reprographical, multimedia facility.

## 21. No of Books/ Journals subscribed and value

|                           |               |
|---------------------------|---------------|
| No of Books Purchased     | : 169         |
| Value of Books            | : Rs. 47913/- |
| No of Journals Subscribed | : 21          |
| Value of Journals         | : Rs. 18720/- |

## 22. Student feedback

- There is formal system of feedback of a teacher by students. Final year students are encouraged to write their valuable remarks about infrastructural facility and assessment of the teachers.
- The feedback is usually kept confidential and suggestion if any is communicated to the concerned staff member by the Principal.

## 23. Unit cost of education

In 2007 – 2008: 20432/-

## 24. Computerization of Administration



- Automation of the administrative procedure in which admission, marks memo and other process started in computerised.
- Library computerisation is in progress and issue-return will be possible in near future.
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## 25. Infrastructural facilities

- Dayanand Education Society made whole hearted effects to extend the required infrastructural facilities for conduct of all academic and extracurricular activities. In this context, the management is keen to increase the facility of classrooms, laboratories, playgrounds, canteen, supply of potable drinking water etc.
- The management has proposed to construct the classrooms and laboratories on the existing infrastructure.
- The site for canteen is notified and the construction is proposed. To encourage the students for sport's a spacious part of the ground is notified for lawn tennis court. The construction is already on and will be completed in near future.

## 26. Technology upgrades

NIL

## 27. Computer and internet access

- Computer literacy is the requirement of the new age. Considering this, computers and internet facilities are provided to all the departments for accession to the students and teachers.
- Students are encouraged to utilize this facility during leisure time. The library is also provided with computers facility. The students are encouraged to access e-journals. It is proposed that the library will be linked to internet facility (INFLIBNET).
- Training of computers is included in the curriculum, teachers who are interested to learn computers are taking informal lessons from computer teachers. It is also proposed that the internet facility will be provided to all the department in the near future.

## 28. Financial aid to students

➤ As the college receives few students from rural areas around Latur and under belong to weaker economic families, the college administration has decided to extend financial aid to such students under the schemes like 'Earn and Learn' During the years 07-08 three students receiving approximate Rs. 1,000/- per month.

Deserving students are given exemption in hostel and messing fees.

## 29. Activities and support from alumni association

➤ Alumni association is constituted and the meetings of office bearers are held regulatory association.

➤ Alumni association carried out activities like career counseling, health check up etc. Health centre is managed by alumni doctors.

➤ A record of the alumni passed out is maintained at college level. Alumni students who have joined different organizations supports the present students for placement in industries.

## 30. Activities and Support from the parent-teachers Association

➤ Parent-teacher association is constituted and is active in overall development of students. Parents are encouraged to visit the college and the meetings with authorities are conducted.

➤ Though few formal gathering/meetings of parents with the teachers are organized, parents individually visit the college to take stock of the development of their ward.

## 31. Health Services

➤ Considering the appointments of physicians and the problems encountered to maintain regular health centre at college level, authorities have decided to sign in MOU with some renowned hospital in the city and vicinity of the campus. One general physician and a gynecologist is notified for the same.

## 32. Performance in the sport activities

- During the years 2007-08 the students of this college performed well in sport events.
- Through this college is a single faculty science college and the students are practically engaged in academics, the number of participants in sports activities is significant.
- Apart from participation in regional, state level sports Events College organizes sports activities during annual social gathering staff and students take active part. Mr. Mahesh Bembade, Physical Director, is been selected as a Coach for Cricket (Men's) of S.R.T.M. University, Nanded team for participation is in 2007-08 Mr. Mahesh Bembade one of the members of selection committee of Men & Women Cricket of S.R.T.M. University, Nanded.
- During academic year Shri. Balaji Suryawanshi represented S.R.T.M. University, Nanded in the inter university Weight Lifting and Best Physical Tournaments held at Jiwaji University, Gwalior.
- Shri. Nagnath Raiphale has represented S.R.T.M. University, Nanded in Basket Ball tournament held at Jaipur. He has also participated in Ashwmedh (a tournament was inspired by Hon. Vice Chancellor, Maharashtra state) Inter University tournament (IUT).
- Miss. Jyoti Gudle has represented S.R.T.M. University, Nanded in the interuniversity volley ball (Women) tournament held at MGM University, Kottayam. She has also participated in Aswmedh tournament.
- In the academic year 2007-08, Shaikh Firoz represented S.R.T.M. University, Nanded in the inter university Ball- Badminton (Male) tournament held at Dravidian university, Kelppam.
- Shri. Vilas Gajbhare has represented S.R.T.M. University, Nanded in inter university Basket Ball (Male) tournament held at North Maharashtra University, Jalgaon. He has also participated in the Ashwmedh IU tournaments.
- Ku. Jyoti Gudle has represented S.R.T.M. University, Nanded in the Ashwmedh IU tournaments held at North Maharashtra University, Jalgaon.
- The step taken by the college authorities and Director of Physical Education has been successfully transformed into appreciable motivation of our students for participation in sports events.

### 33. Incentives to outstanding spots persons

- All the students participating in the sports events are given incentives by the college. A blazer and sport shoes are given to all the players for their tournaments.
- S.R.T.M. University, Nanded awards five extra marks in third year of graduation for those players who have participated in interuniversity tournament.

### **34. Students achievement & awards**

- Keeping the track record of merits in the Microbiology dept. in the academic year 2006-2007 a students of Microbiology dept. Miss. Amarja Joshi stood second in the merit list and the same pattern is followed in 2007-2008 when Miss. Vrushali Panche also stood second in the merit list of S.R.T.M. University, Nanded.
- Research activity in Microbiology dept. has generated intensive interest in the publication of research work carried out by post graduate students. Mr. Bhujang Shelke of M.Sc. has published his work in International Journal and Uday Ramdhave published the work in National Journal.

### **35. Activities of the Guidance and counseling unit**

- Guidance and Counseling unit helps the students for selection of courses and subjects during the admission to B.Sc. courses. The unit is actively engaged in giving guidance and counseling to students for selection of higher education post graduate courses and NET/SET preparation. Informal guidance and counseling is extended to the students who approach the individual teachers during the academic session.

### **36. Placements services provided to students**

- It is understood by the college authorities that the students educated and trained in this institution shall get a better placement in MNCs and other organizations.
- Though the formal arrangements with such organizations for regular placement camps are not possible, such interviews are arranged as per the requirements and requests of the companies. Wipro Infosys, Pune has shown interest to hold such campus interviews for the graduates of this college in the year 2008-09.



- Aluminis placed in MNCs and other reputed organizations help the passing out students for their placement. Though, this is done on individual basis the post graduate departments are involved in this exercise.
- Industrial services in 07-08, guidance to final year students smarttalk-BPO try placement in 07-08.

### **37. Development programme for non-teaching staff**

- Newly appointment staff is generally placed according the vacancy and need of the department. He is trained by the head of the dept. and senior colleagues. Through this exercise is informal, it proved to be good practice.
- The staff is usually not transferred from the parent department unless under special circumstances. However no formal organized efforts were carried out for training of non-teaching staff during the year 07-08. Authorities are convinced that such activities are required for better working environment in the college. Such training programmes would be on the agenda for the next years

### **38. Any other relevant informations**

- Mr. M. K. Ranjekar availed FIP for completion of the research and joined the institute in March 2007. He is actively engaged in biofertilizer consultancy activity.
- Faculty and PG students of our college have presented research work in various conferences / seminars /workshops/ journals.
- During the year 2007-08 participation of teachers from PG Dept. of Microbiology in conferences etc. was appreciable. 05 staff members in Nanded conference, 05 in Latur and 01 in Vashi, Mumbai participated. 19 students from Microbiology dept. also participated in National and State level conferences teachers presented their research work in posters presentation in these conferences.
- 10 students presented research work in conferences. Teachers and students of dept. of Microbiology published 1 paper in International Journal and 2 papers in Nationa Journals.



- Miss. Vrushali Panche of PG Dept. of Microbiology topped the merit list of S.R.T.M. University, Nanded by securing second position in University examination.

### **Part C**

#### **Outcomes achieved by the end of the year**

- Generate more and more internal resources for developmental work.
- Conducted the university sports Tournaments and training camp in the institute.
- Provided computer internet facility to the Department.
- Organized blood donation camp through NSS and NCC.
- Conducted the remedial coaching classes for the weaker student.