

Dayanand Education Society's

Dayanand Science College, Latur, Maharashtra India



Annual Quality Assurance Report 2009-2010 IQAC

Submitted To

**The Director,
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By

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Dayanand Science College, Latur
Annual Quality Assurance Report
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Preamble

1.0. Mission

- To impart higher education in science to the students of our rural area 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.

Goals

- The broad goal of the college is to insure all round excellence and efficiency in higher education for the rural area reason.
- Apart from imparting in-depth knowledge, developing crucial and analytical abilities, and social, cultural and aesthetic values in the students, the management is keen about the development of capabilities in students to enable them to relate the use of knowledge in real life of our rural area.

1.1 Introduction:

Dayanand Science College, Latur (MS), is unique, first oldest and the finest single faculty college of the region, pursuing excellence in education in several branches of Science. Keeping in view the educational needs of the region, Dayanand Education Society, a local management committee, established Dayanand College of Arts, Science and Commerce in the year 1961. In those years, this was the only college established in this area and was catering the needs of the students. In the year 1967, the multi faculty college was bifurcated giving independent status to Dayanand Science College.

Initially the college offered under graduate courses with basic subjects Physics, Chemistry, Mathematics, Botany and Zoology. Keeping pace with time and sensing the needs of the students, applied subjects like Electronics, Microbiology, Industrial Chemistry, Fishery Science and Computer Science were started from the year 1978 and subsequently, This College has now become a centre to awaken people on the current trends in higher education. Considering the importance of higher education in science, various Post Graduate courses were introduced time to time. M.Sc. Chemistry (Organic),

M.Sc. (Microbiology), M.Sc. (Computer Science), M.Sc. (Biotechnology), M.Sc. (Bioinformatics) PG diploma.

Besides imparting education for formal degree and post graduate degree education, the college is offering short term one year career oriented certificate courses under career oriented programme of University Grants Commission. These include-

- (i) Electronic Equipment Maintenance
- (ii) Embedded Software System Design
- (iii) Food Processing and
- (iv) Computer Hardware Networking.

University results of our college are highly appreciable. Passing percentage of our college is always more than that of university. Also our junior college is Top Most College in Maharashtra region for the result of 12th board and CET Exam. Nearly about 3000 are studding in 11th and 12th standard. Lots of students are qualified for the MBBS and Engineering degrees.

1.2 IQAC and its constitution:

The IQAC and its Constitution, Teacher-members are:

1. Dr. J. S. Dargad, Principal (Chairman)
2. Prof. M. B. Deshmukh, Vice-Principal (Vice- Chairman / Co-ordinator)
3. Prof. K. N. Rathod. (Member)
4. Shri. M. S. Surywanshi (Member)
5. Dr. R. V. Solunke (Member)
6. Dr. C. S. Swami (Member)
7. Prof. Y. P. Sarnikar (Member)
8. Prof. M. M. Pandit (Member)
9. Dr. L. V. Thakare (Member)
10. Dr. V. A. Chaudhari (Member)

The members met periodically and subcommittees were formed for focused activities. This document is the Annual Quality Assurance Report of the IQAC as adopted in the meeting.

Part A

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

- A task force to set up to improve the services to students and the faculty.
- More impasses ICT based teaching learning to the introduced.
- Web concerning to be implemented.
- 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 organize the national or state level conferences, Seminars in the Department of Zoology, Microbiology, Botany, English.
- To constructs the digital classrooms in the department of Microbiology, Zoology for the P.G. and U. G. students.
- To fulfill the available vacancies by the highly qualified Applicant.
- To provide additional classrooms, seminar hall, practical lab for the Department of Physics and Microbiology.
- To generate more and more internal resources for developmental work.
- To conduct the university sports Tournaments and training camp in the institute.
- To start the total computerized issue returns process in the library, bar-code system for books.
- To purchase the mathematical software “MATLAB” for the purpose of practical and research work.
- To organize blood donation camp through NSS and NCC.
- To conduct the remedial coaching classes for the weaker student.
- To arrange the extra lecture through NET/SET cell for the preparation of NET/SET examination in the department of Chemistry, Microbiology and Computer Science.

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

2.1 Post accreditation agenda and status

The master plan was envisaged for the re-accreditation exercise and the following target areas for development were selected:

1) Curricular Plan:

To provide a wide range of programmes for the students to enable them to develop their full potential and emerge as well rounded personalities. In accordance with this, the regular and self financing courses worked in tandem with each other.

2) Teaching-learning, Research and Consultancy:

Adjunct professors for research areas in subjects such as Chemistry, Physics have been appointed and larger collaborations with institutions/industry in India and abroad have been initiated. To make the collaboration with NCL, NPL, IISAR, ect. For the research. To make the collaboration with the Mathematics research institute of FIT, USA, and BITS, IIT Mumbai.

3) Infrastructure and learning facilities:

To develop ICT as teaching communication, publications and out-reach platform, build a sports complex, extend the research facilities, enhance financial support system to students and to develop the Multimedia facility. The College proposes to install the facility of web conferencing to enhance the quality of teaching by connecting with eminent academicians. To develop the digital classrooms in each department.

4) Student support and progression:

To create student mentorship in the students' community, develop student's skills in the communication and participation in the different programs in performance audit and develop corpus fund for students to meet emergencies.

5) Organization and management/ healthy practices:

To create of corpus fund for development and welfare; thus creating an atmosphere for autonomous institution. Further, to motivate staff and students in basic and applied research and training. To provide the funds and other facilities for the organization of the Conferences, Seminars, Workshops, Research Centers and other Facilities.

Part B

3.1. Activities reflecting the goals and objectives of the institution:

- To impart higher education in science to the students of our rural area region is the mission of our institute. We, therefore, strictly adhere to transparency in the conduct of examinations and in financial matters.
- Every year degree college Teacher, Junior College Teacher and Non-Teaching Staff Member is honored by the management at the time of flag hosting 15th August every year. This is a glorious tradition followed by us.
- It is a matter of pride for all of us that in our college, selection of teachers is done on the basis of merit alone.
- In order to develop overall personality of the students, we regularly arrange the extra Lecture series on socially relevant subjects for which we invite not only academicians but also politicians and social reformers.
- Institution is committed to impart quality education to the students of this rural area; Accordingly, Five post graduate courses e.g. Microbiology, Chemistry, Computer Science, Biotechnology and Bioinformatics are conducted by the college. Lots of 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 organize different activities like residential camps in villages where students are exposed to physical labor, 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 student's 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 student's fees in the nongranted courses.
- Value based education is must to generate responsible citizens of India. NCC and NSS wings take efforts to impart discipline among the students and motivated them to attend National Programmes like flag hoisting, rallies for AIDS awareness Global warming etc.
- Faculty members of the college promote the students to accept the challenges of changing world. Career counseling and placement cell is established and organizes programmes like Spoken English, Communication Skills, and Personality Development etc.
- We organize the Inspire Camp to promote the students in the research area and for the inspiration of junior college 1% Student for the admission of the basic courses.
- A set of special study material is given to meritorious students. We also run the special classes for various Competitive exams such as NET/SET, IIT entrance exam in the different subjects.
- For the welfare of the employees, we have Employees Co-operative Credit Society which gives loans on concessional rate. An Employees' welfare Fund is also in operation.

3.2. New academic programmes initiated (UG/PG):

- Also our college proposed new certificate courses in Drug Analysis and Mobile Repairing.
- There was an over helming response for the admission to the courses in the academic year too.

3.2.1. Student strength:

UG Course

Class	Men	Women	Total
B.Sc. First Year	153	71	224
B.Sc. Second Year	76	27	103
B.Sc. Third Year	57	23	80
Total	286	121	407

PG Course

Class	First Year	Second Year	Total
M.Sc. Computer Science	21	00	21
M.Sc. Chemistry	35	34	69
M.Sc. Microbiology	27	30	57

Certificate Courses

Class	Men	Women	Total
Electronic Equipment Maintenance	6	9	15
Embedded Software System design	-	-	-
Food processing	-	-	-
Computer Hardware Networking.	7	7	14

Research Center:

Subject Name	Men	Women	Total
Microbiology	2	1	3

Academic results: June 2009-2010

Class	Total Students	Appear Student	Passed Students	First Class	Second Class	Pass Class	Percentage of passing
B.Sc. Third Year	80	76	37	18	14	05	48.68%
M.Sc. (Micro.) Second Year	30	30	19	18	01	0	63.33%
M.Sc. (Chem.) Second Year	34	34	22	20	2	0	64.70%

Certificate Courses Result:

Class	Total Students	Appear Student	Passed Students	First Class	Second Class	Pass Class	Percentage of passing
Electronic Equipment Maintenance	15	15	15	15	-	-	100%
Embedded Software System design	-	-	-	-	-	-	-
Food Processing	-	-	-	-	-	-	-
Computer Hardware Networking.	14	14	14	14	-	-	100%

3.3. Innovations in curricular design and transaction:

- **Dayanand Science College** faculties are members of University Bodies of different committees.
- Two senior faculties are members of the Board of Studies of the **Swami Ramanand Teerth Marathwada University, Nanded.**
- Many of the faculty members are members of the University syllabus revision committees of various subjects.
- Two faculty members are members of the Indian Chemical Society of India.
- One faculty member Dr. Bellale S. S. is a member of the Indian Mathematical Society and Marathwada Mathematical Society.
- Almost all staff members are on various Interview panels for selection and career advancement of Lecturers in the different colleges of the University.
- The students of **B.Sc. First Year, Second Year and Third Year Mathematics** has participated in the Seminar competition of **Marathwada Mathematical Society** and they present their new research paper. In that competition some of them got prizes.
- The Botany Department arranged the botanical tour for the Study of Biodiversity at Yedshi.
- The Micro-Biology Department arranged a tour of students for the various Educational Institute, Research Institute and Industries.
- The English, Hindi and Marathi Department conduct the seminars of students for the enhancement student's communication skills.
- The students of B.Sc. and M.Sc. participated in the Youth Festival, of university, **Sachin Patange** got **Silver medal** in the **Cartoon making**.
- NCC, NSS student organized anticorruption rally in the Latur city they also participated in the tree plantation in the area of Latur.
- Department of Botany, Zoology has organized educational tour for the UG Student.
- The assignments of teachers by student are taken through regular semesterwise feedback and the action reports are given on the feedback by the principal.
- The feedback of students for the college, Teacher, COC, Library services etc. is regularly taken by the different committees

confidentially and open discussion with the student made by the principal.

- Faculty wise coordination committee meetings are arranged in each term in which discussion on feedback about the assessment of teachers by students is undertaken and remedial measures planned accordingly.

In addition to seminars, viva voce, group discussions are arranged in the classes in order to develop soft skills of the students.

i) Annual Teaching Plan:

At the beginning of the academic year Annual Teaching Plan is submitted by every teacher for the subject(s) taught by him/her.

ii) Daily Teaching Report:

Daily Teaching Report is maintained by the teachers in their academic diary provided by the college to every teacher.

iii) Monthly Teaching Report:

At the end of every month, the daily teaching report maintained by the teacher is verified by the Vice principal of concerned faculty.

iv) Attendance:

Attendance of students is recorded daily in the attendance book and the names of students whose attendance is below 75% are submitted at the end of every month to the Vice Principal for necessary action.

v) Term Test :

Term test were conducted during the first term (before Dipawali) and in the second Term on the basis of the syllabus completed during the said term(s).

vi) Seminars:

Seminars of P.G. students (M.Sc) were arranged at the end of every semester and the performance of the students was evaluated by the concerned teachers.

vii) Pre Annual Examination:

Pre annual examination was conducted and meritorious students were given cash prizes. A set of text books for the entire year is given to the students based on their result to meritorious students.

Results were analyzed at coordination meetings.

Cash prizes were given to toppers in the examination. Attendance Reports and test marks were sent every month to student's parents through office.

In addition to this Blood Donation camp, Elocution competition, Rangoli Competition, Handwriting Competition was organized.

➤ **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 doners from Latur city. These doners are Trusty, Alumni, Faculty Members and parents. The details of the prizes are given below.

Prizes through Interest of the Doners:

Sr. No.	Awarded By	In the memory of	Deposit Amt.	Class	Subject
1.	Dr. Jagdish Govindlalji Agroya, Apex Hospital Main Road, Latur	Shri. Govindlalji Agroya	11,000	B.Sc.-I B.Sc.-II	Micro Micro
2.	Dr. Chandrashekhar Sidram Swami Dept. of Botany Dayanand Science College, Latur	Late Sidram Shankar Swami	10,000	B.Sc.-I B.Sc.-II	Botany Botany
3.	Dr. Ashok Shankarrao Ganu, Sanjivani Hospital, Majge Nagar, Latur.	Late Shankarrao Ganu	10,000	B.Sc.-I B.Sc.-II	Zoology Zoology
4.	Shri. P. K. Patil Signal Camp, Latur	Late Khanderao Rangrao Patil	10,000	B.Sc.-I B.Sc.-II	Math's Math's
5.	Dr. Anil Rathi Kaveri Hospital, Back of Petrol Pump, Latur	Shri. Vishnudasji Rathi	10,000	B.Sc.-I B.Sc.-II	Electronic Electronic
6.	Dr. Sow. Surekha Nilangekar, Nilangekar Hospital, Signal Camp, Latur	-	5,000	B.Sc.-I	Chemistry
7.	Dr. Ashok Potdar Civil Surgeon Banglow Civil Hospital Area, Latur	Shri. Pundalikrao Anantrao Potdar	5,000	B.Sc.-III	Chemistry
8.	Dr. Sow. Surekha Kale Kale Hospital, Tagore Nagar, Latur	Godavari Charitable Trust, Latur	5,000	B.Sc.-III	Physics

9.	Dr. Bhattad Bhattad Hospital Opp. Bus Stand, Latur	-	5,000	M.Sc.-I	Micro
10.	Smt. Shantabai Purushottam Kotalwar, Kotalwar Niwas, Azad Chowk, Latur	Late Purushottam Kotalwar Gajanan	5,000	B.Sc.-I	Computer Sci.
11.	Dr. Rajkumar Pralhad Kalkote, Yeshwant Netralaya, Bus Stand Road, Parbhani	Lat Pralhad Dattatraya Kalkote	5,000	B.Sc.-I	Physics
12.	Shri. Balkrishna Narayana Kotalwar Ganesh Medical, Old Kapad Line, Latur	Shri. Balkrishna Kotalwar Narayana	5,000	B.Sc.-II	Chemistry
13.	Dr. Dinesh Varma Amrut Hospital, Kapad Lane, Latur	Manoj Sahdev	5,000	B.Sc.-III	Computer Sci.
14.	Prof. Ramkrishna Hiralal Ladda 3, Bhagya Nagar, Old AUSA Road, Latur	Rukminibai Ladda	5,000	B.Sc.-II	Physics
15.	Dr. Chetan Sarada, Sadasukh Hospital Latur	Late Dr. R.S. Sarada	5,000	B.Sc.III	Micro
16.	Shri. Rajendra Kishanrao Kunchamwar, Sarswati Niwas, Near AUSA Hanuman Mandir, Latur	Kishan Gopinath Kunchamwar	5,000	M.Sc.-I	Chemistry
17.	Shri. Ashokrao Govindrao Patki (Warudkar) Warudchakrapan Tq. Sengaon, Dist. Hingoli	Late Smt. Radhabai Govindrao Patki (Warudkar)	5,000	B.Sc.III	Botany
18.	Prof. K.H.Purohit Saraswati Colony, Latur	Kesharbai Purohit	5,000	B.Sc.-I, II	Physics
19.	Shri. Hirasing Ratansing Chavan (Guruji) Behind Tahasil Near Old Registry Office, Latur	Late Bhagirathibai Chavan Devichand	10,000	12th Sci	Math's 100 Marks
20.	Shri. H. K. Mugalika Deshpande Colony AUSA Road, Latur	Mugalika Smriti Prize	10,000	12th Sci	Topper in college
21.	Prof. Ambhore A. N. Vikram Nagar, Latur	Late Prof. Ambhore N. D.	5,000	B.Sc.-I	CBZ Group 1 st
22.	Shri. Jai Agrawal, Parli Vajinath. Dist. Beed	Pappuchandji Govardhan Agrawal	5,000	12th	1 st
23.	Prof. Ajay Mahajan, Dayanand Science College, Latur	Sau. Suman Digambar Mahajan	10,000	11 th	All Sub. Topper

3.4. Inter-disciplinary programmes started:

- As a part of inter disciplinary programme under UGC's CPE Scheme, we have developed a common instrumentation facility center where in we have provided a UV-visible spectrophotometer, astronomical telescope, chemical bath, deposition system and Astronomical laboratory.
- The fuming hood rotary evaporated air pollution monitoring project funded by government of Maharashtra. Weight balance with list count 0.001gm.
- For the research purpose in Botany, Zoology, Fishery. We have laminar air flow chamber, hot air oven, BOD incubator.
- In the research lab of Microbiology, Bioinformatics. Water testing kit incubator sheker UV-VIS spectrometer and other facilities are available.
- In the Mathematics department for the purpose of Mathematical Practical and solution of research problem we have MATLAB software well equipped computer laboratory.

This facility is made available to the research scholars and faculty working in all science departments.

3.5. Examination reforms implemented:

- In our science college term wise Two internal tests in the 1st semester and Two internal tests in the 2nd semester are conducted as per rules of university exam pattern. These test are based on theoretical explanation.
- At the end of 1st and 2nd semester university conducted exams based on MCQ.
- The result of these test are declared by university after the semester examination and final examination.
- As per the result of university exam the meritorious student of awarded with cash prize in the Gathering program.
- In the beginning of the academic year, a meeting are staff members is arranges in which on the basis of previous years result analysis, the students with better academic prospects are identified in each subject and are given special attention towards their progress throughout the academic year.
- The reasons for poor performance are also identified and rectification measures are chalked out. A monthly attendance report and term wise test results are communicated to parents.
- From these university test subject Teacher conduct the class test, unit test and seminars in class for the purpose of implementation in the student progress.

3.6. Candidates qualified: NET/SET/GATE etc:

- Four students of Chemistry qualified for the SET and two for NET.
- Three students are qualified for Microbiology and Bioinformatics for the SET/NET.
- One Student is qualified the SET examination in the Computer Science.

3.7. Initiative towards Faculty Development Programme:

- Smt. N. S. Korde (Department of Chemistry) has taken FIP scheme during 10th plan for doing research leading to Ph.D.
- All the faculty members are attended the conferences, workshops in their subjects.
- The Department of Zoology organized Educational Tour National Level Seminar. Educational tour was also organized by the department.
- Department of Computer Science organized Training Camp for the faculty members teaching and non-teaching staff.
- Some of the faculty members completed Refresher/Oriented Courses.
- Miss. N. S. Korde received **Rs. 2, 00,000/- (Rs. Two lacks)** for Minor research project & her work is ongoing.
- Shree Shinde R.S. received **Rs. 1, 35,000/- (Rs. One lack thirty Five Thousand Only)** amount for the Minor research project & his work is ongoing.
- Dr. C. S. Swami received **Rs.75, 000/- (Rs. Seventy Five Thousand Only)** grant for the minor research project and his work is going on.
- One faculty member Prof. Kirtane R.V completed orientation course.

3.8. Total number of Seminars/Workshops conducted:

- Workshop on recent trend in curriculum & Zoology at UG. Level on 25/09/2009
- Workshop on newly framed syllabi of fish. Science on 25/9/2010.
- Conducted Workshop on Scope and Syllabus in Chemistry At UG and PG levels At D. S. M. Parbhani.
- Conducted Workshop on Scope and Syllabus At B. S. M. Basmandnagar in Chemistry.

3.9. Total number of Seminars/Conferences/Workshops attended by Teachers:

➤ **Dr. J. S. Dargad :**

1. Published paper entitled **“Cd_{1-x}Mn_xS Dilute Magnetic Semiconductor: Application in Photo electrochemical Cells,** in the **Turk. J. Phys., 33(2009), 317, 324.**
2. Attended Workshop on received syllabus in Electronics organized by AES Arts, Commerce & Science College, Hingoli on 9 Sep, 2008.
3. Attended State level workshop on **“Innovative Physics Teaching organized by vigyan prasar, New Delhi, IIT Kanpur & Dayanand Science College, Latur”** during 24-26 Jan, 2009.
4. Attended State level workshop on **“Physics Education at Graduate level: A scientific Approach to crisis And Remedial solutions”** organized by Dayanand Science College, Latur during 5-6 Dec., 2009.

➤ **Prof. M. K. Ranjekar**

1. Attended National conference **“Identification and selection of efficient strains of Acetobacter diazotrophicus for mass production and development of it as liquid bionoculant by fermentation based technology”** In National conference on **“Microbiology-from Education to Industry”** Nanded, B-3: 90-91.
2. Attended National conference **“Screening, isolation and identification of sulfur oxidizing microorganisms as bioinoculants by fermentation baased biotechnology.”** In National conference on **“Microbiology-from Education to Industry.”** Nanded, B-5: 91
3. Attended National conference **“Isolation and laboratory scale development of Gluconobacter sp. as a bionoculant in agriculture”** In National conference on **“Microbiology-from Education to Industry”** Nanded, B-4 : 91
4. Attended National conference **“Optimization of parameters for large scale production of Lactobacillus acidophilus as a probiotic”** In National conference on **“Microbiology-from Education to Industry.”** Nanded, A-22: 81
5. Attended on day workshop on **“Practical aspects in Electrophoresis and Immunology Technique organized by BioEra Medical Systems at Latur”.**

6. Presented a paper on “**Actinomycetes siderophore for growth enhancement of Gram (*Cicer aeritinum*)**” (Paper communicated to KKU Journal, Thailand)
7. “**Actinomycetes Siderophore for growth of Gram (*Cicer aeritinum*)**” Paper accepted in KKU Journal, Thailand.

➤ **Prof. M. B. Deshmukh :**

1. Presented a paper on entitled “**Distribution and Antimicrobial Activity of Actinomycetes of a Freshwater coastal stream.**” Asian Journal of Microbial. Biotech. Env.Sci.4,No.(3) : 335-340
2. Presented a paper on entitled “**Preliminary screening of Loner lake Actionmycetes for chitinase production.**” in the National Conference on “**Management of water resource, Emerging Trends and solution.**” At Nanded 4.11 pp 80.
3. Presented a paper on entitled “**Observation on proselyte activity of Pseudomonas from Loner Lake.**” in the National Conference on “**Management of water resources, Emerging Trends and solution.**” At Nanded 2.28 pp 62
4. Presented a paper on entitled “**Screening of Loner lake microorganisms for nuclease production.**” in the National Conference on “**Management of water resource, Emerging Trends and solution.**” At Nanded A: 2.25 pp 64.
5. Presented a paper on entitled “**Studies on antimicrobial activity of capsaicin.**” in the National Conference on “**Plant Biotechnology for Agriculture and Rural Development.**” At Dharmbad A: 70 pp 63.
6. Presented a paper on entitled “**Isolation of Cellulose Degraders from Municipal Garbage**” In National Conference on “**Plant Biotechnology for Agricultural And Rural Development.**” Dharmabd.
7. Presented a paper on entitle “**Observation on Halophytic Bacteria isolated from salted fish**”. In Assessment of Environmental pollution due to industrialization and Urbanization, “Vasundhara 000”: 21: 48.
8. Presented a paper on entitled “**Use of ancient Vedic method for enhancement of crop yield.**” In National conference on “**Plant Biotechnology for Agriculture and rural development A: 36: 39**”.
9. Presented a paper on entitled “**Isolation of alkalophilic pseudomonas from Loner Lake**” In National Conference on “**Management of**

water resource, Emerging Trends and solutions.” Nanded 2.27: 61-62.

10. Presented a paper on entitled **“Use of slight halophytic Azotobacter spp. To enhance fertility of saline soil”** In National conference on **“Plant Biotechnology for Agriculture and rural development”** Dharmnad A 53:51.
11. Presented a paper on entitled **“Isolation of cellulose degraders from municipal garbage”** In National level conference on **“Plant Biotechnology for Agriculture and rural development”** Dharmabad A 34:37.
12. Presented a paper on entitled **“Antimicrobial Activity of Psoralia corylifolia (Bawachi).”** In National conference on **“Plant Biotechnology for Agriculture and rural development.”** A-81:69.

➤ **Prof. S. B. Katare :**

1. Attended 04 State level and National Seminars.

➤ **Prof. K. N. Rathod :**

- Attended One State level Conference.

➤ **Prof. R. V. Solunke :**

1. Published paper International on **“Impact & Industrial effluents on acid phosphate Activity in gill, honed, hepatopancreas, Adductor muscles root A mantle & fresh water bivalve, Lamellidens marginalis”**.
2. Published paper International on **“Effect and heavy metal (Hgcl₂) on deoxyriboucleic acid contact and the fresh water bivalve lamellidends marginals Journal and Ecophysiology & Occupational Health ISSN-0972-4397”**.
3. Published paper National on **“A new special and Genus cephalobothrium (cestoda: Lecanicephalida)”**, At. Alibag.
4. Attended Two State level conference.

➤ **Prof. R. V. Kirtane :**

1. Workshop on **“Recent trends in curriculum & Zoology at UG. Level on 25/09/2009 At. D.S.C. Latur.”**
2. Workshop on **“Recent trend in curriculum of U.G. & P.G. Zoology on At. Yeshwant mahvidyalaya Nanded.”**

3. Workshop on “**New syllabus in Zoology of B. Sc. TY. K. Raghunath College Parbhani**”.
4. Regional workshop on “**Recent trends on Life science on At. Maharashtra Udayagiri College, Udger**”.
5. Attended Two National, One State level conference and two workshops.

➤ **Prof. S. N. Ibate :**

- Attended National Seminar on “**Research in Chemical Sciences, Beed.**”
- Attended National Seminar on “**Advances in chemistry kin, Coordination Nano Chemistry**”, Latur.
- Attended National Seminar on “**Recent Inst. Techniques in Coordination Chemistry**”, Omerga.

➤ **Prof. Y. P. Sarnikar :**

- Attended Two days UGC Sponsored National Conference on “**Academic Reforms In Higher Education**” Dayanand Commerce College, Latur.
- Attended National Workshop on “**Recent Techniques in Instrumental Methods of Chemical Analysis**” C.S. College, Omerga.
- Attended State level Seminar on “**Biotechnological Applications to Microbial Siderophores**”, D. S.C. Latur dated 21.3.2010.

➤ **Prof. N. S. Kedar :**

1. Attended National Seminar on “**Eco friendly synthesis of organic compound Dayanand Science College, Latur**”.
2. Attended Management of water resource emerging challenges trends Y.C.Nanded

➤ **Prof. S. K. Alane :**

1. Workshop on “**Recent Trends in Curriculum of Zoology at UG Level’ for Dept. of Zoology**”, Dayanand Science College, Latur. (25 September 2009)

➤ **Dr. C. S. Swami :**

1. Attended National Conference on “**Plant Biology and Biotechnology for Dept. of Botany**”, L.B.S. College, Dharmabad, Dist. Nanded. (21-22 November 2009).

2. Attended National Conference on **“Frontiers in plant Diseases: Diagnosis and Management’ for Dept. of Botany”** Maharashtra College, Nilanga, Dist. Latur. (3-4 January 2010).
3. Attended National Seminar on **“Frontiers in Biotechnological Aspects to Microbial Siderophores”** for Dept. of Microbiology, Dayanand Science College, Latur. (21 March 2010).
4. Attended National Seminar on **“NAACs New Methodology of Assessment and Accreditation.”** For Shri. Chhatrapati Shivaji College, Omerga, dist. Osmanabad. (28 March 2010).
5. Attended National Conference on **“Plants-Biology to Biotechnology for Dept. of Botany”** Yeshwant College, Nanded.
6. Attended National Conference on **“Changing Role of Plant Science in Biotechnology and Bioprocessing”**, for Dept. of Botany, N.E.S. Science College, Nanded.
7. Attended State level seminar on **“Integrated Disease Management of Crop Plants’ for Dept. of Botany, Vasant College, Kiji, Dist. Beed”**.
8. Attended National Seminar on **“Recent Trends in Plant Sciences’ for Dept. of Botany”**, Milind College of Science, Aurangabad.
9. Attended Workshop on **“Recent Trends in Curriculum of Zoology at UG Level”**, for Dept. of Zoology, Dayanand Science College, Latur. (25- September 2009).
10. Attended Regional Level Workshop on **“Innovative Physics Teaching”**, for Dept. of Botany, Dayanand Science College, Latur.

➤ **Prof .J. A. Angulwar**

1. Attended **“Nuclear Energy for National Development”**, in B.A.R.C. Mumbai and Dayanand Science College, Latur. 26th Sept. 2009
2. Attended **“Role of N.S.S. in Disaster Management for S.R.T.M.U. Nanded 17th Dec. 2009”**.
3. Attended **“Recent Trends in Chemical Research – 2010 in G. S. Gowanda College Unmarked Dist. Yavatmal”**, 12th and 13th March 2010
4. Attended **“N.S.S. Training and Orientation Course for Ahmednager College”**, Ahmedngar. 18th to 27th March 2010.
5. Attended One Seminar and One Workshop.

➤ **Prof. R. S. Shinde**

- Attended **“Refresher Course in Chemistry of University of Pune”**, (18.01.2009 to 07.02.2010)
- Attended **“MPP undertaken Microwave Fast and clean synthesis of New scitffi Bases for Dayanand Science College, Latur”**. ((2 Year) 2009-2010 to 2010-2011).
- Attended **“Recent Advances in Nano Science in Department of Chemistry Dr. Babvasaheb Ambedkar Marathwada University Sub-Center Osmanabad”**.

➤ **Prof. V. D. Gaikwad**

1. Participated in the **“Regional Workshop on Mathematics Software”**, organized by the Department of Mathematics and Statistics, Yashwant Mahavidyalaya, Nanded during. 16-18 Nov. 2009

➤ **Prof M. M. Pandit :**

1. Attended National Seminar on **“Research in Language and Literature: Scope and Prospectus”**, organized by Department of Marathi, Dayanand Science College, Latur. (6th March 2010)
2. Attended National Conference on **“English Language Today’ organized by Rajashri Shahu Mahavidyalaya, Latur”**. (27 - 29th Dec, 2010)
3. Attended One day Workshop on **‘New Syllabi in English’** jointly organized by S.R.T. Marathwada University, Nanded and Mahatma Gandhi Mahavidyalaya, Ahmadpur, District Latur.
4. Attended One day workshop on **‘Semester Pattern in the Subject English’** organized by Swami Vivekananda Mahavidhyalaya, Shirur Tajband Tal Ahmadpur Dist. Latur.

➤ **Prof. M. A. Bembde :**

1. Presented a paper entitled **“A Study of relationship between colastic achievement and body mass index in the national conference SRTMU, Nanded”**.
2. Published paper entitled **“The role of Media in the Yoga revolution & awareness of Physical fitness”**, in the proceedings on **“National Conference on Physical Education, Maharashtra College, Nilanga”**.

➤ **Prof. K. R. Bhise :**

1. Published paper entitled “**Granthalaya Vyavasthapanachi Adhunik Tantre**” – ‘**Buddhimanthan: Ek Vyavasthapan Tantra**’.
2. Attended Library Automation software Training Programme on “**Installation & Operation of SOUL 2.0 Software for Information and Library Network (Inflibnet) Center, Ahmadabad**”. (08-12 June 2009)
3. Attended National Seminar on “**Recent Advancements In Library & Information Science for Shrikrishna Mahavidyalaya, Gunjoti, Dist Osmanabad**”. (11 & 12 Jan. 2010)
4. Attended Workshop on “**Uchya Shikhanatil Gunvatta Vikas for Rajshri Shahu Mahavidyalaya, Latur**”. (24 Mar. 2010)

➤ **Prof. A. M. Chougule :**

1. Attended “**Recent Advanced in Chemical Kinetics co-ordination & Nano Chemistry for Rajrshi Shahu College, LATUR**”.2009
2. Attended “**Nuclear Energy for National Development for Dayanand Science College, Latur**”.
3. National Conference on “**Recent Trends in Chemical Research 2010 for G.S. Gawande College, Unmarked (12-to13-March-2010)**”.
4. State level Seminar on “**Biotechnological Application to microbial siderophors for Dayanand Science College, Latur**”. (21 march 2010)
5. Attended “**NAAC’S New methology of assessment & Aceradiation for S.C.S. College. Omerga**”. (28 march 2010)

➤ **Dr. L. V. Thakre :**

1. Participation in Seminar on “**Current Trends in Bioinformatics and Computational Intelligence as Resource Person organized by School of Technology**”, S. R. T. M. University, Sub-centre, Latur on 22nd January 2010.

➤ **Dr. V. A. Chaudhari :**

1. Published a paper entitled “**Structural and Independence Spectroscopic Studied on $PbZr_xTi_{1-x}O_3$ Ceramics**,” 405 (2010)
2. Presented a paper entitled “**Phase Development and Dielectric Properties of $Pb_{1-1.5x}La_xTiO_3$ (PLT) Ceramics**”, (October 25-29, 2009)

3. Presented a paper entitled **“Phase Development & Dielectric Properties of pb1-1.5xLaxTiO3 Ceramics for Materials Science and Technology Conference. Pittsburgh, Pennsylvanians USA”**. (25-29 Oct - 2009).
4. Attended **“Synthesis and Characterization of nano thin films for National Conference on Advancements in Nano-science for Different Technologies”**, Dept. of Phi. Shri Krishna Mahavidyalaya, Gunjoti (10-11 Feb. 2010).
5. Attended **“Sol-gel synthesis and effect of particle size of lead titanate nanoparticles in Different Technologies”**, Dept. of Phi. Shri Krishna Mahavidyalaya, Gunjoti (10-11 Feb. 2010).
6. Attended **“Deposition of nano-structured thin films using sol-gel spins coating technique”** in National Conference on **“Recent Trends in Thin Film Techno”**, Dept. of Phi. Jijamata College of Science & Arts, Benda. (23-24 Feb - 2010).
7. Attended **“Effect of ion ratio of Cu/Ir in spray solution and growth temperature on structural properties of spread CuInS_2 films”**, in National Conference on **“Recent Trends in Thin Film Techno”**, Dept. of Phi. Jijamata College of Science & Arts, Benda. (23-24 Feb - 2010).
8. Attended **“Studies on preparation and characterization of zinc sulfide thin films”**, in National Conference on **“Recent Trends in Thin Film Technology”**, Dept. of Phi. Jijamata College of Science & Arts, Benda. (23-24 Feb - 2010).
9. Attended **“Effect of substrate temperature on refractive index and structural properties of Cu/In in spray solution of spread CuInS_2 films”**, in National Conference on **“Recent Trends in Thin Film Technology”**, Dept. of Phi. Jijamata College of Science & Arts, Benda. (23-24 Feb - 2010).
10. Attended **“Structural and optical properties of ZnS thin films prepared by spray paralysis”**, in National Conference on **“Recent Trends in Thin Film Technology”**, Dept. of Phi. Jijamata College of Science & Arts, Benda. (23-24 Feb - 2010).
11. Attended **“Radiation attenuation technique for film thickness measurement”**, in National Conference on **“Recent Trends in Thin Film Technology”**, Dept. of Phi. Jijamata College of Science & Arts, Benda. (23-24 Feb - 2010).

12. Attended **“Review of nanostructure material and their applications in bio-nanotechnology, bio-medical and environment”**, in National conference on **“Nano structured Materials and Their Applications”**, Dept. of Phi. Shri. MPM, Murom, Omerga. ISSN-0975-2900. (12-13 March 2010).
13. Attended **“Growth of CuInS₂ nano thin films using spray paralysis technique”**, in National conference on **“Nano structured Materials and Their Applications”**, Dept. of Phi. Shri. MPM, Murom, Omerga. ISSN-0975-2900. (12-13 March 2010).
14. Attended **“Deposition of nano-structured thin films using sol-gel spins coating technique”**, in National Conference on **“Recent Trends in Thin Films Technology (RTTFT)”**, Dept. of Phi Jijamata College of Science & Arts, Benda. (23-24 Feb - 2010).
15. Attended **“Synthesis, Structural and Dielectric Studies of pbZrxTi_{1-x}O₃ Ceramics”**, in International Conference on **“Electro ceramics”**, Dept. of Physics, University of Delhi. (13-17 Oct - 2009)

3.9. Research Projects:

3.9.1. On Going:

- Dr. J. S. Dargad ongoing his minor research project of amount 73000/- (Rs. Seventy Three Thousand Only) on **“Some Studies on (CdMn) S Dited Magnetic Semiconductor Thin Film”**.
- **Miss. Korde N. S.** on going the minor research project of Rs. 2, 00,000/- (Rs. Two Lack Only) on **“Synthesis of Nanosized material from volatile metal of Beta diketonate”**.
- Dr. C. S. Swami ongoing his minor research project of amount 75000/- (Rs. Seventy Five Thousand Only) on **“Studies on Seedborne fungi of some legumes & their biocontrol measures”**.

3.9.1. Competed:

- Nil

3.10. Patents generated, if any:

- Our College have linkages for patent with Orchid pheracuticals & Chemicals, Aurangabad, Balaji Amines, Solapur , Tinna oils, Latur , CIPLA, Mumbai, Kirloskar Cummins, Wipro, Manjara Sugars, Latur, Apex Laboratories, Aurangabad, Tai industries, Pune .
- Our Chemistry Department has linkages with NCL and Shivaji University, Kolhapur.

- Our Botany and Zoology Department have linkages with School of Life Science, Jalgaon, Institute of Science, Aurangabad.
- Our PG and UG Department NIV, IUCAA, Pune, NEERI, Nagpur, BRI, Kolkatta, ICRISAT and NIN, Hyderabad, BARC, Mumbai and international linkages with Baylor School of Medicine, Texas and USSR Academy of Sciences.

3.11. New Collaborative research Program:

- Our Mathematics Department's research center has collaboration with the research center of Mathematics S. R. T. M. U. Nanded.
- Our Chemistry Department's Research Center has Collaborative research program with Alumni Dr. M. K. Dongre NCL Pune and Department of Chemistry and Industry Chemistry Shivaji College, Omerga Dis. Osmanabad.
- Our Physics Department's Research Center has Collaborative with the Research Center Dr. Babasaheb Marathwada University, Nanded, and Physics Research Center Shahu College, Latur and Department of Physics Research Center and Physics Research Center Shivaji College, Omerga Dis. Osmanabad.
- Our Library Department is in Collaborative with the Info. Lib. Net. Ahmadabad and Arts, Commerce College, Latur.

3.12. Research grants received from various agencies:

- Our Botany Department received Rs. 75,000/- (Rs. Seventy Five Thousand Only) for Minor Research Project.
- Our Chemistry Department received Rs. 1, 35,000/- (Rs. One Lack Thirty Five Thousand Only) for Minor Research Project.

3.13. Details of Research Scholar:

The following table gives details about research scholar.

Sr. No.	Subject	No. of Research Guide and their name	No. of Research Scholars
01	Microbiology	Dr. B.S. Nagoba, Dr. B. M. Sandikar Dr. S. R. Deshmukh	M.Phil (2) Ph.D. (2) (1)
02	Zoology	Dr. R.V. Solunke	Ph.D. (-)
03	Physics	Dr. L.V. Thakre	Ph.D. (-)

3.14. Citation index of faculty members and impact factor:

- Nil

3.15. Honors/Awards to the faculty: National and International

- Nil

3.16. Internal resources generated:

- From the different sources we have generated Rs. 80,000/- (Rs. Eighty thousand only) as a internal resources for the developmental work of the college.
- In addition to the internal generated we have received Rs. 30,000 /- (Rs. Thirty Thousand only) from the interest on the deposit for earn and learn scheme and other.

3.17. Details of departments getting assistance/recognition under SAP, COSITS(ASSIST)/DST, FIST, & other programmes:

- Also we have received Rs. 40, 00,000/- (Rs. Forty Lacks only) for the development of Women Hostel.
- In addition to we have received from the Government of Maharashtra to scheme National Ambient Air Quality Monitoring Project Rs. 43, 00,000/- (Rs. Forty Three Lack only).
- Also we have received Rs. 30, 00,000/- (Rs. Thirty Lacks only) for the 14-Merged Scheme.
- Also we have received Rs. 25, 00,000/- (Rs. Twenty Five Lacks only) for the College Development Scheme.

3.18. Community services:

- Teachers of Chemistry Department participated in Social work and Social activities also they also arranged Blood Donation Camp.
- Our College Teachers and Students organized and participated in the Anticorruption rally in Latur city.
- Thirty Boys of NCC cadet participated in “Ganesh Visarjon 2009”.
- Our NSS and NCC candidate donated blood in the blood donation camp organized by the college.
- Our NCC participated in pluse polio Abhiyan arranged by civil health Care Latur.
- Prof. J. A. Angulwar and Shinde R.S. of Chemistry Department have been selected as NSS program officer.

- Dr. S. V. Solunke of Zoology Department has been selected as NCC program officer.
- The students of NSS and NCC participated in the tree plantation in the M.I.D.C. Latur.

3.19. Teacher and Officers newly recruited.

- Dr. L. V. Thakre – Physics Assistance Professor
- Dr. V. A. Chaudhari – Physics Assistance Professor
- Shri. S. J. Khadbade – Non Teaching Staff
- Shri. S. A. Khandelwal - Non Teaching Staff

3.20. Teaching and Non-teaching ratio:

- Teaching Staff: 42
- Non-Teaching Staff : 63
- Teaching/ Non-Teaching Ratio= 2 : 3

3.21. Improvements in the Library Services:

- Addition of Soul 2.0 Software in the Computer job work for the library.
- The Bar-code work is started for all the books from this year.
- Purchased Agrox-05-214 barcode printer No-1 Rs.17850 and 2 symbol scanner.
- Internet broadband facility is given for teachers & students free of cost.
- Increase in the special collection books/ literature with respect to UPSC/MPSC, CA Foundation, IIT-JEE, MHT-CET, MCA-CST, NDA, NET, SET, GRE, GMAT. CAT, TOEFL etc competitive examination.
- Well equipped computer Lab with multimedia facility is made available in the staff reading room which is open to the staff as well as to the students.
- Detailed information about the library facility has been incorporated in the prospectus of the college.
- Career/Employment information service is provided in the Library book exhibition is organized on special occasions.
- To orientation training programs organized in the Library services/ facilities for the users training.

- Arrangement of 15 days computer operating training program for the library faculty.

3.22. New books/journals subscribed and their value:

The Books, journals, news papers, periodical and other reading materials subscribed in the current year given below.

Sr.No.	Particulars	Number of particulars	Cost/Value (Rs.)
01	New Books	468	1,49,604/-
02	Periodicals	22	16,770/-
03	Journals	05	2,454/-
04	Newspapers	14	12,254/-
05	CD ROM received along with journals and books	60	--
Total Rs.			1,81,082/-

3.23. Student feedback an action taken for cources and Teachers:

- For all courses, student's assessment of teachers is introduced.
- We have the coordination committee for the feedback of the student for teacher, college, library, COC coerces etc.
- Every month respective faculty coordinates with Vice-principal Visits every class for student's feedback.

Feedback Committee (Confidential)

- This feedback is discussed in faculty coordination committee meeting and concerned teachers are informed about student's feedback.
- Constructive suggestions from students are introduced and corrective/disciplinary measures are taken if there are adverse remarks from time to time.
- The different feedback committee given below.

Sr.No	Name	Position	Feedback for
1)	Prof. M.B. Deshmukh	Chairman	Feedback of Student on Teachers
2)	Prof. K. N. Rathod	Chairman	Feedback of Student on College & Administration
3)	Prof. S.B. Kathare	Chairman	Feedback of Student on Library & Redding Room
4)	Prof. S.N. Ibate	Chairman	Feedback of Student on C.O.C. Coerces
5)	Prof. S.K. Alane	Chairman	Feedback of Student on Hostel - Boys & Girls.
6)	Prof. Y. P. Sarnikar	Chairman	Feedback of Alluminy on College/Cources

3.24. Feedback from stakeholders:

- For the college and all courses all courses, feedback of stockholders by college. Student's assessment of teachers is introduced.
- We have the coordination committee for the feedback of the stockholders for teacher, college, library, COC courses etc.
- Every year respective faculty coordinator with Vice- principal calls stockholders Get Together for feedback.
- This feedback is discussed in faculty coordination committee meeting.

3.26. Unit Cost of education:

- The Total expenditure, no. of students and unit cost for this year is given below.
- Total Expenditure = Rs. 1,07,34,907/-
- Total No. of Students = 650
- Unit Cost = Rs. 16515.00/-

3.26. Computerization of administration and the process of admissions and examination results, issue of certificates:

- Our college office is fully computerized and as per the norms of Maharashtra knowledge corporation limited.
- We are moving towards the Digital College system.
- All the computers in our college office are connected through LAN.
- Issue of fee receipts, Scholarships to students are processed through the computerized PRN-mechanism.

3.27. Increase in the infrastructural facilities:

- The Department of Microbiology, Physics is enriched with a computer with internet facility, furniture and books.
- The department of Languages is allotted with a separate Department office with furniture.
- Department of Library and Information Science has established DVBS Technology in collaboration with YCMOU, Nashik and ISRO, Ahmadabad.
- Our Library unit is enriched with C-band type SITRF and base band equipment, student end peripheral equipment, video capture computer, video handy cam with tripod, wireless handheld microphone, multimedia

projector, Speakers, Commerce faculty has a separate commerce Lab with broad band internet facility having 30 nodes.

- Internet (Broad band) facility with printer is made available to Physics, Electronics and Photonics units. In case of power failure inverter facility is made available to both the units.
- Our Chemistry and Analytical Chemistry Laboratory is enriched with additional advanced instrument such as pH meter, Conductometer, Potentiometer, UV-Visible Spectrophotometer (under Interdisciplinary scheme of UGC-CPE). Water Distillation Unit, Centrifuge Machine, Electronic balance and Flame Photometer.
- Department of Chemistry and Industrial Chemistry has been provided with computer connected to broad band internet facility.
- A computer with broad band internet connectivity is provided to Botany Department.

3.28. Technology upgration:

- Each Department in the college is provided with a computer having broad band internet facility.
- The computer lab of our Library is equipped with 10 terminals with broad band internet connectivity.
- Broad band internet facility is provided to the Department of Library and information Science.
- Our library has purchased the advanced LCD projector with DVBS technology.
- Physics Lab is equipped with Hall Effect Measurement Setup, Optical Research Bench, Fiber Optics Lab Setup, Laser Sound Detectors, Zeeman and Arc emission Spectroscope, Michelson and Fabriperot Interferometer, microprocessors and PC based Micro Controller Kits, Microwave oven and Vander paw Four Probe Setup.
- Computer Connectivity (with broad band) is made available to the department of Microbiology, Physics.

3.29. Computer and internet access and training to teachers, non-teaching staff and students:

- We have provided broad band internet access to all the Departments.
- This facility is provided free of cost. In addition to this, other departments vise.

- Library, Computer Lab, Microbiology Lab centre is also provided with adequate nodes with broadband internet connectivity.
- We have a separate E-learning centre where we have appointed two computer teachers who train teachers as well as students, if they have any difficulty in handling computer.
- Every day approximately 20 students visit our e-learning centre.

3.30. Financial aid to students:

- The meritorious students in term tests and pre-annual examination are rewarded with cash prizes, besides their regular state and central government merit scholarships.
- Economically weaker and deserving students are given fee concession at the time of admission. Another unique feature of our scheme is that some of our staff members and local philanthropists adopt students from economically weaker sections of the society and meet their entire educational expenditure.
- Under our “Principal Tulba J. S. unique earn and Learn scheme” around 10 students from landless, economically weaker and labor class families are identified and are encouraged to earn through remunerative work in the college premises to meet their educational expenditure.

3.31. Activities and support from the Alumni Association:

- Every year new members are added to our alumni association as all pass out UG/PG students are registered as members.
- This helps us to generate internal resources, which we use for the developmental work.

3.32. Activities and support from the Parent-Teacher Association:

- A Common meeting of parents in the beginning of academic year/at least once in the academic year is organized in which issues relevant to students difficulties are taken for discussion.

3.33. Health Services:

- First aid is available in the Departments of Sports, Zoology and Fishery Science, Chemistry and Industrial Chemistry and Microbiology.
- In the event of minor health problems we use the first aid kits kept at the Departments mentioned above and then seek help from clinics which are situated very close to our college run by our former students.
- Some of our management members and Alumni are medical professionals who provide medical service to us.

3.34. Performance in sports activities:

- The following are the university level and inter university level awards to our sports personnel during the year 2009-2010.
- Shri. Sheikh Firoj Rajaksaheb was represented S. R. T. M. University Nanded in the inter University Ball-Badminton (M) Tournaments held at Manglor University.
- Shri. Dinesh Istalkar and Shri. Sachine Bhosale was selected for the Coaching Camp of S. R. T. M. University's IUT Cricket (M) Team.
- Shri. Makarand Kulkarni was selected for the Coaching Camp of S. R. T. M. University's IUT Basket Ball (M) Team.
- In year 2009-10 our college is the winner of 'A' Zone Inter Collegiate Table Tennis Tournament and Runner of Badminton and Chess Tournament.

3.35. Incentives to outstanding sports persons:

- To encourage sports activity outstanding sports person are rewarded with cash prizes, blazers, track suits and mementos by the college apart from the medals they receive in their individual events.
- These students are felicitated at the time of Annual Social Gathering.
- We have well equipped separate GYM for Boys and Girls. We charge fee for all the activities of the GYM, but fee concession is given to outstanding sports persons of our colleges.

3.36. Student achievements and awards:

A. Academic Awards:

Under-graduate and Post-graduate courses

Year	No. of Merit Holders									
	B.Sc.		M.Sc.(Comp.)		M.Sc.(Micro)		M.Sc.(Chem)		M.Sc.(Biotech)	
	College	Univ	College	Univ	College	Univ	College	Univ	College	Univ
2009-2010	05	02	08	05	03	03	10	03	-	-

3.37. Activities of the Guidance and Counseling Unit:

- The counseling unit guides to the students and prepares for future carrier opportunities after completion of their UG in subject disciplines and competitive examination.
- The counseling unit arranges campus Interviews for the students.

- The unit maintains a notice board displaying advertisements and leaflets for awareness and opportunities employment and Research activities like summer Camp.

3.38. Placement Services provided to students:

- Placement services are provided to 10 students of Computer Department and 04 students of Microbiology Department.
- 09 Students of B.Sc. and M.Sc. Biotechnology, Chemistry have been employed in various organizations through our placement cell.
- 06 Students of B.Sc. (CS) have been recruited by Syntel through campus interview.
- 6 Student of B.Sc. (Industrial Chemistry) were recruited as chemists in two sugar factories.

3.39. Development programmes for non-teaching Staff:

- We have appointed two computer teachers in the E-learning centre to teach computer literacy to all the students and staff.
- Our non-teaching staff members are also taking benefit of Computer Operating training.
- Our college student takes the benefits of different four carrier orientation program.
- Earlier, we conducted computer literacy programme for our non-teaching staff.

3.40. Good practices of the Institution :

- The students association of Physics, Microbiology is actively involved in wall poster presentations.
- The department of English conducts various English courses such as Compulsory, Optional Functional Communication and Science Communication.
- The individual management members are assigned with the job as advisor to a given department of the College. Under the different scheme they make yearly visits and arrange meeting of the staff members of concerned department and sort out the long standing demands, problems and prepare future plans for the upliftment of the department.

1. NCC Boys Unit:

- Dr. S. N. Solunke selected as ANO.
- 53 students are enrolled in platoon from 11th to B.Sc. IIIrd.

- Annual training camp at Babhalgaon: 14 cadets participated.
- Annual training camp at Amalner: 05 cadets participated.
- Army attachments camp at Ahmadnagar: MIRC training centre. 05 cadets participated.
- 'B' certificate examination 100% result.
- 'C' certificate examination 100% result.
- Participated in NSS anti corruption rally.
- Participated in Tree plantation at Latur.
- 15 cadets participated in Ganesh Utshav Bandobast.
- 6 cadets donated blood.
- Cadet selected as a company commander at ATC camp, Babhalgaon.
- Cadet selected as a platoon commander at Army attachment camp, Ahmadnagar.
- 01 cadet selected for CAT 01 republic Day parade held at Aurangabad.
- Two cadet selected in Army.
- Our NCC boys unit is very active.
- The proposal of NCC girls unit put up for the starting newly.
- The cadets and officers take active part in various activities organized at local/state or national level programs.

2. NSS Unit:

- The National Service Scheme unit of our college is one of the active units under our University area and is involved in various NSS activities and community services during this academic year.
- The unit has a total strength of 150 which includes 100 Boys and 50 Girls.
- 150 Students participated to state level NSS camp held at Shivali.
- 30 students take participant in the Plus Polio program.

3. Cultural Activities:

- As elocution competition on environment protection and my responsibility was organized by the students Association. The office bearers of this association meet every Thursday and organize various district level Elocution, Poetry, Mahanadi and Flower Arrangement Competitions.

- Year 2009-2010 Youth Festival was named as “Prerana Youth Festival” held at Nutan Mahavidyalaya, Selu during 25-10-2009 to 28-10-2009. Five participated in the festival and won bronze medal in cartooning.
- In the Inter State Youth Festival held at Gwalior (MP), one student Sachin Patange won bronze medal in cartoon.

4. Hostel Facility:

- Ladies Hostel has an intake capacity of 333 there are 113 Rooms with Solar Heater Generator, Water Softener, Intercom, Furniture set, Cupboard, Bed, Fan and mess facility.
- There are eight office bearers who look after the hostel unit. At list four meetings of local management committee are arranged.
- In the Boys Hostel there are 35 Rooms and one auditorium. The Hostel accommodates 110 students.
- These students get the benefit/Facility of Bed, Electricit, Cycle Stand, Safe Drinking Water, Spacious Ground and Garden in Yoga Training Camp was organized for these students.

5. Earn and Learn Scheme:

- We have deposited Rs. 30,000/- (Rs. Thirty Thousand Only) in the name of Principal J. S. Dargad under Earn and Learn Scheme.
- The interest earned on the deposit is used for the scheme. These 03 students took benefit of the scheme.

6. Library:

Our library provides following services:

- Circulation service
- Reference Service
- Photocopy Service
- Selective Dissemination of Information Service
- CAS/Information Display and Notification Service
- Newspaper Clipping Service
- Online Internet/Digital Resources Availability Service
- Bibliographic Compilation Service

In all 500 books are Issued / Returned per day.

Sr. No.	Particulars	Months /Days	Timing
1	Office	Monday to Friday Saturday	10.00am to 5.45pm 10.00am to 2.00pm
2	Circulation	Monday to Friday Saturday	10.00am to 5.00pm 10.00am to 9.00pm
3	Reading Room and Night Library	June to December	8.30am to 11.30pm
		January to May	8.30am to Midnight
4	Sundays and Holidays	(June to May)	8.30am to 11.30pm

3.41. Linkages developed with National/International, academic/research bodies:

- The department of Mathematics has linkages with the research center SRTMUN, Banaras Hindu University, IIT Mumbai, IIT Kanpur, Bits Pillani, Florida institute of Technology etc.
- Our microbiology department has linkages with University of New Castle Upon Tyne, Baylor College of Medicine, Houston Texas, University of Manitoba, Manitoba, MACS Pune, Mangalore University Karnataka.
- The Department of English has linkages with the following institutions.
 - i) CIEFL – Deemed University yearly membership.
 - ii) IASE – yearly membership
- Department of Zoology, Fishery Science and Botany has developed academic linkage with Department of Biotech, Department of Zoology of Dr. B. A. M. University of Mumbai.

Part C

4.0. Outcomes achieved by the end of the year

- Fulfilled the available vacancies by the highly qualified Applicant.
- Provided additional classrooms, seminar hall, practical lab for the Department of Physics and Microbiology.
- Generated more and more internal resources for developmental work.
- Conducted the university sports Tournaments and training camp in the institute.
- Started the total computerized issue returns process in the library, bar-code system for books.
- Provided the laptop to some faculty member for the purpose of research work.
- Purchased the mathematical software “MATLAB” for the purpose of practical and research work.
- Organized blood donation camp through NSS and NCC.
- Conducted the remedial coaching classes for the weaker student.
- Arranged the extra lecture through NET/SET cell for the preparation of NET/SET examination in the department of Chemistry, Microbiology and Computer Science.

Part D

4.1. Plan of the institution for the next year

- Initiate the process of I round Reaccreditation. The college is due for reaccreditation.
- Networking of academic institutions and industry is envisaged.
- To start short term skill oriented courses for the benefit of staff and students.
- To Organize the National Conferences in each department.
- 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 organize the national and state level conferences, Seminars in the Department of Zoology, Microbiology, Botany, English.

Date:

Signature

Dr. M. B. Deshmukh
Coordinator (IQAC)

Dr. J. S. Dargad
Principal