

Dayanand Education Society's

Dayanand Science College, Latur, Maharashtra India



Annual Quality Assurance Report 2010-2011 IQAC

Submitted To

**The Director,
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By

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Dayanand Science College, Latur
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Preamble

1.0. Mission

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.

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)
3. Prof. K. N. Rathod. (Member)
4. Shri. S. R. Tiwari (Member)
5. Dr. S. K. Alane (Co-ordinator)
6. Dr. R. V. Solunke (Member)
7. Dr. C. S. Swami (Member)
8. Prof. Y. P. Sarnikar (Member)
9. Prof. M. M. Pandit (Member)
10. Dr. L. V. Thakare (Member)
11. 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.

- 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.
- To construct the digital classrooms in the department of Botany and Chemistry for the P.G. and U. G. students.
- To fulfill the available vacancies by the highly qualified Applicant.
- To generate more and more internal resources for developmental work.
- To conduct the university sports Tournaments & training camp in the institute.
- To start the total computerized issue returns process in the library, bar-code system for books.
- To provide computer internet facility to the each Department.
- To provide the laptop to each faculty member for the purpose of research work.
- 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 outreach 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

3.0. Peer Team Report and its Implementation as on 2005-06

1) Curricular plan:

The college offers, UG courses in Physics, Chemistry, Industrial Chemistry, Mathematics, Botany, Zoology, Electronics, Computer Science, Microbiology and Fisheries Science. PG courses are offered in Chemistry and Microbiology. Nearly 50% of the courses offered are career oriented. There is vertical mobility for UG students seeking admission in M.Sc. Chemistry and Microbiology. The students have flexibility in elective options. The college is steadily approaching to achieve its goals and missions by imparting career oriented education to the students. The college has a good feedback mechanism from academic peers and employers. The college takes a year for introducing a new course.

The college offers UG courses in Physics, Chemistry, Industrial Chemistry, Computer Science, Microbiology, Zoology, and Fishery Science. The results of this batch announced in the academic year 2009 - 2010 were very encouraging with a 100% result and more than 86% students securing a first class.

2) Teaching-learning, and Evaluation:

The college has an admission committee with members from different teaching departments. This committee selects students for admission mainly on the basis of their merit. The college follows a rigorous mechanism for assessing knowledge and skill of students by arranging unit tests, pre-annual and terminal examinations, seminars, and tutorials. The college follows remedial coaching for educationally disadvantaged students. Moreover for advanced learners the college arranges seminars and project works. These learners are also given special coaching in different subjects. The college may take all efforts to make class teaching more innovative. The teachers of the college prepare teaching plan at the beginning of the academic year. There is a regular policy of recruiting teachers following state Government and UGC norms. The college follows a well framed self-appraisal method of evaluation of performance of teachers for their teaching, research and extension activities. There exists a method of evaluation of teacher's performance by student's evaluation. The college has established linkage plan with NIV, Pune, NCI, Pune, ICAA, Pune, BRI Kolkata, ICRSA Hyderabad, CCMB Hyderabad, NIN Hyderabad, NEERI Nagpur etc. for teaching and research. The college organizes seminars, symposium, conferences etc., for further development of teaching, learning and evaluation processes. The college has software for assessing competitive exercises. A number of research papers have also been published this year.

3) Research Consultancy and Extention:

Out of the faculty members 8 Teachers have Ph.D. and 12 have M.Phil. Degrees. The college takes interest in prompting research culture. It has research committee for submitting research projects. The college has 3 part-time research scholars. The college has one ongoing research project with a sanctioned amount of Rs.1,45,000/- 35 papers have been presented by the teachers of the Physics, Mathematics, Electronics, Microbiology department in the International, National conferences and seminars. also Many teachers have published research papers in different journals. Some teaches from different departments have published text books. The college has good tradition of participating in community oriented extracurricular activities. The teachers also conduct and participate in different outreach activities. The NSS and NCC units conduct extensive extension activities with societal orientation. The teachers of Pg Microbiology department conduct informal consultancy work.

4) Infrastructure and learning facilities:

The college situated in a rural setting has a 22 acres campus area. It has necessary infrastructural facilities. It has a well conceived 5-year plan for its future development. The college keeps constant effort to keep the campus clean and beautiful by garden development, plantation and daily cleaning. The college has a good central library which is open on all days including Sundays and holidays. There are night library facilities from 6pm to 11pm. There are 34,360 text books in the library. There is book bank facility and students can borrow 2/3 books for 5/6 days. There is audio cassette facility in the library. The central computer facility is available in the computer science department only. This centre has internet and LAN facilities. A website of the college has been developed by a group of its students the college has an ongoing plan for optimum utilization of its students the college has an ongoing plan for optimum utilization of its infrastructural facilities. It has sports and game facilities.

The facilities and the existing structure available in these laboratories have been upgraded. The ICT concept is further adopted. The web- enabled teaching will be enhanced in due course of time. Increased number power point presentations by students and teachers were reported this year. The teachers were provided with the facility of using ICT in class room presentations whenever demanded. The multimedia centre is already in use. It is equipped with the internet facility and a smart board. The internet facility has been extended to several departments as well as the Staff Common Room.

5) Student support and progression:

The college provides the students with a prospectus containing updated information for students. 98% of the students appear in the final examination. And the dropout rate is only 2%, 75% of the graduates from the college either pursue higher education or join in services. 07 students have passed UGC- CSIR (NET) examination, 10 SET, 2 GATE, 1 IAS, 2GRE, 2 TOEFL, 2 SSB and 1 IIT examinations. There are number of schemes for financial aid to students. Through there is no employment cell the teachers informally participate in counseling of students. The College has good play ground with games and sports facilities. The students participate in cultural programmes. For over all personality development the college encourages activities through debate and nature clubs. The college has a boys hostel and a girls hostel is under construction with UGC funds. Various recreational and leisure time facilities are also available for the students.

The Students' Council has been very active in the College. The Council organized a programme titled 'Meet the Principal' wherein the students had the opportunity to interact freely with the Principal for the solving the problems in Quality education system. This was in the form of suggestions and discussions pertaining to issues related to the students. An open platform that provides for free expression of students' opinions is well received by all.

6) Organization and management:

The GB of the Collge functions in close liason with the principal, teachers, non-teachers and students. There is a sound internal coordination and monitoring mechanism in the college. The college has special committee for preparation of the academic calendar. The work efficiency for preparation of the academic calendar. The work efficiency of the teaching and non-teaching staff is conducted through a good monitoring mechanism. The college has good internal audit mechanism. The college has started office automation. It has grievance committee for grievance redressal.

There was a change in leadership with the Principal for retirement of Dr. J. S. Tulba and New Principal J. S. Dargad taking a Charge. The College has a policy of appointing, from among its senior faculty, a new Vice Principal. The new teacher representatives are Dr. C. S. Swami, Prof. Y. P. Sarnikar.

6) Healthy Practices:

The most healthy practice is the internal quality checks followed by the institution. The collective participatory functioning of management, Principal, Teaching, non-teaching, and students is another healthy practice noticed in the functioning of the college. The college takes all efforts for all round development of

the students. The college promotes value based education by promoting community work projects such as work in the Earthquake affected area, cleaning of camps, blood donation camp etc. there is good academic atmosphere prevailing in the institution. The college participates in various societal activities through its NSS and NCC units.

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 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 organizer 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 a 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, 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 a various Competitive exams such as NET/SET, IIT entrance exam in the different subject.
- 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:

- Also our college proposed new certificate courses 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	140	100	240
B.Sc. Second Year	52	26	78
B.Sc. Third Year	63	28	91
Total	255	154	409

PG Course

Class	First Year	Second Year	Total
M.Sc. Computer Science	36	14	50
M.Sc. Chemistry	37	34	71
M.Sc. Biotechnology	7	00	7
M.Sc. Microbiology	22	23	45

Certificate Courses

Class	Men	Women	Total
Electronic Equipment Maintenance	6	8	14
Embedded Software System design	12	8	20
Food Processing	11	7	18
Computer Hardware Networking.	9	6	15

Research Center:

Subject Name	Men	Women	Total
Microbiology	2	1	3

Academic results: June 2010-2011

Class	Total Students	Appear Student	Passed Students	First Class	Second Class	Pass Class	Percentage of passing
B.Sc. Third Year	91	91	78	30	35	13	87%
M.Sc. (Comp.Sci.) Second Year	14	14	10	6	4	0	71.42%
M.Sc. (Micro.) Second Year	23	23	11	5	6	0	48.72%
M.Sc. (Chem.) Second Year	34	32	20	14	5	1	60.61%

Certificate Courses Result:

Class	Total Students	Appear Student	Passed Students	First Class	Second Class	Pass Class	Percentage of passing
Electronic Equipment Maintenance	14	14	14	14	-	-	100%
Embedded Software System design	20	20	20	19	1	-	100%
Food Processing	18	18	18	17	1	-	100%
Computer Hardware Networking.	15	15	15	15	-	-	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 Student 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.
- **Dr. S. S. Bellale** published **Three** books of Mathematics namely “**Perfect Mathematics**”. Under the target publication.
- The Botany Department is arranged the botanical tour for Shidy of Biodiversity at Yedshi
- The Micro-Biology Department arranged a tour of Student 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 and Painting.**
- 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 taken through regular semesterwise feedback and the action report 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 co ordination 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 development 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.Com) 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, Rengoli 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, Allumini, 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	Maths Maths
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	Godawari 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 Lane, 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 Sarda Sadasukh Hospital Latur	Late Dr. R.S. Sarda	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	Maths 100 Marks
20.	Shri. H. K. Mugalikar Deshpande Colony Ausa Road, Latur	Mugalikar 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 Vaijnath. 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
24.	Prof. Shirish Chandrakant Joshi, Dayanand Science College, Latur.	Late. Chandrakant Joshi	5,000	B.Sc. I	First
25.	Ku. Kshirsagar Surekha Hariharrao	Late. Rukminibai Kshirsagar	5,000	B.Sc. II	First
26.	Prof. Kishor Panditrao Panse, Dayanand Science College, Latur.	Late. Shantabai Panditrao Panse	5,000	11 th	In Chemistry Sub. 1 st
27.	Prof. Dr. Salunke Ravindra Vasantao, Dayanand Science College, Latur.	Matoshri Geetabai Vasantao Salunke	10,000	B.Sc. I	In CBZ 1 st
				B.Sc. II	All Vibhag
28.	Prof. Dr. Thakare Lalit Vyaktrao, Dayanand Science College, Latur.	Late. Vyaktrao Bajirao Thakare	500	B.Sc. III	In Elec. Sub. 1 st

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. We have 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 pattern.

- 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 academics year, a meeting of staff members is arranges in which on the basis of previous year results year 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:

- Prof. Deshmukh M. B. is qualified for the M.phil.
- Prof. Sarnikar Y. P. is qualified for the NET.
- Prof. Miss. Korde N. S. is qualified for the SET.
- Dr. Kedar N. A. is qualified for the M.Phil & Ph.D.
- Prof. Angulwar J. A. is is qualified for the SET.
- Prof. Chaugule A. M. is qualified for the M.Phil & register for Ph.D.
- Prof. Shinde R. S. is qualified for the SET & register for Ph.D.
- Prof. Kumdale P. G. is qualified for the NET & register for Ph.D.
- Prof. Deshmukh B. R is qualified for the NET.
- Prof. Ankush B. P. is qualified for the NET.
- Prof. Bagal S. B. are qualified for the NET.
- Prof. Miss. A. G. Siddiqui are qualified for the NET.
- Prof. Miss. V. A. Diwan is doing M.Phil.
- 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 for the SET examination in the Computer Science.

3.7. Initiative towards Faculty Development Programme:

- Dr. J. S. Dargad Principal of Dayanand Science college, completed his Ph.D. in the (Physics and Electronics)
- Mr. Dr. S. S. Bellale appointed as faculty member of Assistant Professor in Mathematical department. He completed his Ph.D.
- Smt. N. S. Korde Department of Chemistry has taken FIP 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 national level seminar.
- Department of Computer Science organized National Seminar.
- 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 & his work is completed.
- 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 completed.
- 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.
- Dr. C. S. Swami attended Orientation Course at Dr. Babasaheb Ambedkar University, Aurangabad.
- Prof. Dake N. P. awarded by M.Phil and register for Ph.D.
- Prof. Tare Y. M. awarded by M.Phil.
- Prof. Kirtane R.V. completed Orientation Course 1-27 February, 2010.
- Dr. R. V. Solunke completed Orientation Course 2-30 March, 2011.
- Prof. M. M. Pandit registered for the Ph.D.

3.8. Total number of Seminars/Workshops conducted:

- Department of Zoology has successfully organized a national conference on “**Challenges to Biodiversities, conservation**” on the date 5th and 6th 2011.
- The Department of Computer Science conducted successfully National Conference on impact of IT on formal Education retrospective approaches 19-20 February 2011.

- Department of Marathi conducted successfully National Conference on **“Lokshahityache Sanshodhan: Swarup v Disha”** in the National conference at **“Dayanand Science College, Latur”**, 25-26 February 2011.
- Department of Chemistry, Mathematics submitted their proposal for National conference to the UGC.
- Department of Physics Organized **“Motivational Bridge Course in Mathematical method 1st June to 26th 2010”**.

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

1. Dr. J. S. Dargad :

1. Invited for a paper presentation entitled **“CdMnS DMS thin filmes: determination of structure and correlation with transport characteristics”** in the Inter- National conference at **“Meterlosical coat and Thin Films, san Diego, USA”**, 2-6 May 2011.
2. Presented a paper entitled **“CdMnS thin filmes: determination of structure and correlation with transport characteristics”** in the National conference at **“D-A-V, college, Kanpur (U.P), India”**, 15-16 February 2011.
3. Invited for the oral presentation on **“Preparation, Synthesis Techniques and some studies on CdMnS Diluted Magnetic Semiconductor Thin Films”** in int. Conf. on Material Science and Engineering, Amsterdam, The Netherlands, 28-30 Sept, 2010.
4. Invited for oral presentation for my research paper entitled **“Synthesis and Optoelectrical Studies on Cd_{1-x} Mn_x S Dilute Magnetic Semiconductor Thin Films”** in the 5th inte. Conf. on Technical Advances of Thin Films & surface coatings, Harbin, China, 11-14 July, 2010.
5. Invited for oral presentation for my research paper entitled **“Synthesis and Optical electrical Studies on Cd_{1-x} Mn_x S Dilute Magnetic Semiconductor Thin Films”**, paper ID:028 in 2010 inter. Conf. on Optical, Electronic and Electronic Materials, Kuming, China, Aug 1-4, 2010.
6. Invited for poster presentation for my research paper entitled **“Synthesis and some Physical Studies on CdMnS DiluMns Magnetic Semiconductor thin Films”** ODF 4046, in the 5th Inte. Conf. on Technical Advances of Thin films & surface coatings, Harbin, China, 11-14 July, 2010.

7. **“Synthesis and Optoelectrical Studies on Cd_{1-x} Mn_x S Dilute Magnetic Semiconductor Thin Films”**, J.S. Dargad, L.P. Deshmukh ODF 4069, Proc., The 5th Inte. Conf. on Technical Advances of Thin films & surface coatings, Harbin, China, 11-14 July, 2010.
8. **“Synthesis and Some Physical Studies on CdMnS Diluted Magnetic Semiconductor Thin Films”**, J.S. Dargad, L.P. Deshmukh ODF 4046, Proc., The 5th Inte. Conf. on Technical Advances of Thin films & surface coatings, Harbin, China, 11-14 July, 2010
9. Preparation, **“Synthesis Techniques And Some Studies on CdMnS Diluted Magnetic Semiconductor Thin Films”**, J.S. Dargad, Procd., Int. Conf. on Material Science and Emgineering, Amsterdam, The Netherlands, 28-30 Sept, 2010 (In Press).
10. **“Synthesis and Optical electrical Studies on Cd_{1-x} Mn_x S Diluted Magnetic Semiconductor Thin Films”**, Paper ID: 028, J.S. Dargad, Procd. 2010 Inter. Conf. on Optical, Electronic and Electrical Materials, Kuming, China, Aug 1-4, 2010
11. **“CdMnS thin films: Determiation of Structure and correlation with transport characteristics”** J.S. Dargad, L.P. Deshmukh, Procd. 2011 Nati. Conf. On Advancement of Nano materials and its Applications, D-A-V, College, Kanpur (U.P), India. 15-16 Feb, 2011.
12. **“CdMnS thin films: Determiation of Structure and correlation with transport characteristics”** Jaiprakash Dargad, Invited Paper, Procd. (to be Published) Int. Conf. On meterlsical coat, & Thin Films, San Diago, USA, 2-6 May, 2011.

2. Prof. S. B. Katare :

1. Published paper on **“Dhangare Lak-Akhyananchi Gayan Padhati”** in the international journal, **Universal Research Analysis** related to higher education. ISSN no.2229-4406.
2. Presented a paper entitled **“1991 Nantarchya Gramin Sahityache Badlate Swarup”** in the National conference at **Shivaji Mahavidyalay Latur**”, 30 January 2010.
3. Presented a paper entitled **“Marathi Sahityach Antarshakiy Abhyas”** in the National conference at **“Dayanand Arts College, Latur”**, 25 February, 2010.
4. Presented a paper entitled **“Bhasha Aani Sahityavidhyak Sanshodhan: Swarup v Disha”** in the National conference at **“Dayanand Arts College, Latur”**, 6 March 2010.

5. Presented a paper entitled **“Marathi Akhyika : Swarup Aani Parampara”** in the National conference at **“Arts, Science, Commerce college, Kolhar, Dis. Ahmednagar”**, 27, 28, 29 January 2010.
6. Presented a paper entitled **“Loksaahityache Sanshodhan: Swarup v Disha”** in the National conference at **“Dayanand Science College, Latur”**, 25-26 February 2011.
7. Attended Five National and Two State Level Conferences.

3. Prof. K. N. Rathod :

1. Paper published in international Journal of Nanotechnology and application on **“The effect of concentration of cdcl_2 on structural and optical properties of cds thin films”**.
2. Paper Paper published in international Journal on **“comparative study of structural, morphological and optical characterization of Cds, CdAIS and CDAIS annealed thin films”** in book of ISSN 1605-2730
3. State Level conference on **“Role of Faculty and student in quality Assurance”** attended at college of Computer Science and information technology Latur M.S. on 21st and 22nd Sept. 2011.

➤ Prof. M. B. Deshmukh :

4. Presented a paper on entitled **“Screening of Lonar micro – organisms for nuclease production”**, In National Conference on **“Management of water resources, Emerging Trends and solution”**, Nanded.
5. Presented a paper on **“Observation on photolytic activity of Pseudomonas from Lonar Lake”**, In National conference on **“Management of water resources, Emerging Trends and solution”**.
6. Presented a paper on entitled **“Carry Bags, a threat To environment”**, In National Workshop on **“Municipal solid waste Management”**, Amravati.
7. Presented a paper on entitled **“Study on Effect of Bio-methanation on Spent Wash”**, In National Workshop on **“Municipal solid waste Management”**, Amravati.
8. Presented a paper on entitled **“Hospital waste Manegment”** In National Workshop on **“Municipal solid wate Management”** Amravati.
9. Presented a paper on entitled **“Isolation of Potential Microorganisms For Kitchen Waste Management”**, In National workshop on **“Municipal solid waste Management”**, Amravati.

10. Presented a paper on entitled “**A Magic Fruit As Alternative Medicine (Punica granatum)**”, In UGC sponsored National Conference on “**Biotechnological Approaches In conservation Utilization and Improvement of Plant Wealth**”, Nanded.
11. Presented a paper on entitled “**Efficacy of Bio-fertilizer Availizer Available In Local Market**”, In UGC sponsored National Conference on “**Biotechnological Approaches In conservation Utilization and Improvement of Plant Wealth**”, Nanded.
12. Presented a paper on entitled “Siddiqui A.G., Dhat P.M., Deshmukh M.B., Ranjekar M.K.” “**Antimicrobial Activity of Aloe Vera**” “In UGC sponsored National Conference on” “**Biotechnological Approaches In conservation Utilization and Improvement of Plant Wealth.**” Nanded.
13. Presented a paper on entitled “**Antimicrobial Activity of Piper longum (Pippali)**” In UGC sponsored National Conference on “**Biotechnological Approaches In conservation Utilization and Improvement of Plant Wealth**”, Nanded.
14. Presented a paper on entitled “**Detection of Seed Borne Fungi on Cereala**”, In UGC sponsored National Conference on “**Biotechnological Approaches In conservation Utilization and Improvement of Plant Wealth**”, Nanded.
15. Presented a paper on entitled “**Production of Pectinase From Apple**”, In UGC sponsored National Conference on “**Biotechnological Approaches In conservation Utilization and Improvement of Plant Wealth**”, Nanded.

➤ **Prof. R. V. Solunke :**

1. Attended Two National, One State level conference and two Workshops.

➤ **Prof. R. V. Kirtane :**

1. Attended Two National, One State level conference and Two workshops.

16. Prof. S. N. Ibatte :

1. Poster presented in the International conference and expanding horizon and Biological Sciences at Sholapur.
2. Attended National Seminar on “**Advances in Matevial Chemistry**”, Aurangabad.

3. Attended Workshop on “**Maintains of Opto-Analytical Instruments**”, Nanded.

➤ **Prof. Y. P. Sarnikar :**

1. Presented paper in the National Conference in the Indian Science Conference held in “**Miliya Arts, Science and Management Sciences College, Beed**”, 1-2 February 2011.
2. Exploring Recent Horizons in Chemical Science at Dr. B.A.M. University Sub-campus, Osmanabad 21-22 Jan 2011.
3. Attended National Conference on “**Research in Chemical Sciences Milliya Arts, Science And Management Science College**”, Beed 01-02 Feb 2011.
4. Attended National Seminar on “**Recent Instrumental Techniques in Coordination S.C.S. College**”, Omerga 23.1.2011
5. Attended Workshop on “**Scope of Syllabus in Chemistry for B.Sc-II & III Bhahirji Smarak Mahavidyalaya**”, Basmatnager Dist-Hingoli Dated -18.09. 2010
6. Attended National Conference on “**Resent trends in chemistry at Shivaji Arts, Commerce and Science College**”, Kenned Dist-Aurangabad.
7. Attended Organizing Secretary of National level seminar on “**Eco friendly Synthesis of organic compounds**”, on Feb 4Th And th 2011

➤ **Prof. N. S. Korde :**

1. Attended Two National Conferences and One workshop.

➤ **Prof. N. S. Kedar :**

1. Published paper on “**Mithyl 4 (An Hydrazono) 1-H Pyrazol 5 (4H) One**”, in the **Research journal of Chemistry and Encironmental at Maleshiya**”.
2. Attended Emerging pollutants impact on health and environment Science, Scientist and society in 21st century-SMB College, Latur.

➤ **Prof. S. K. Alane :**

1. Attended Two National Conference and Two Workshops.

➤ **Dr. C. S. Swami :**

1. International Symposium on “**The New Horizons of Botany in Dept. of Botany, Shivaji University**”, Kolhapur. (10-12 November 2010).

2. Attended National Seminar on **“Biotech-2010: Trends in rDNA Technology in Dept. of Biotechnology”**, Dr. B.A.M. University, Sub-Campus, Osmanabad. (14-15 November 2010).
3. Attended National Conference on **“Role of Non-Agricultural Institutions in the improvement of Agricultural Technology in Dept. of Botany, Srikrishna Mahavidyalaya, Gunjoti”**, Dist. Osmanabad. (22-23 January 2011).
4. Attended National Conference on **“Challenges to Biodiversity Conservation in Dept. of Zoology, Dayanand Science College”**, Latur. (5-6 February 2011).
5. Attended Workshop on **“Scope of Syllabus in Botany in Dept. of Botany, Sharda Mahavidyalaya”**, Parbhani (21 August 2010).
6. Participated as Resource per source Person in the Regional Workshop of National Children’s Science Congress-2010, held at Lokmanya Tilak Primary School, Latur, on (11th July 2010).
7. Attended One International and One National Conference and Workshops.

➤ **Prof. J. A. Angulwar :**

1. Attended Conference on **“Recent Advance in Nano Science for Dr. B.A.M.U. Aurangabad”**, Sub center Osmanabad.
2. Attended Conference on **“Recent Advance in studies of Metal complexes for N.E.S. Science College”**, Nanded
3. Attended Workshop on **“Scope and syllabus in Chemistry at UG and P. G. Level for D.S.M. College”**, Parbhani.
4. Attended Conference on **“Recent Advance in Chemical kinetics. Co. ordination and Nano Chemistry (RACLCNC-09) in Rajshri Shahu Mahavidhyalaya”**, Latur.
5. Attended Workshop on **“Scope of Syllabus in Chemistry for Bahirji Smarak Mahavidyalaya”**, Basmatnagar. (18th Sept. - 2010)
6. Attended Conference on **“Recent Instrumental Techniques in Co-ordination Chemistry for Shri Chhatrapati Shivaji College”**, Omerga Dist. Osmanabad (23 Jan - 2011)
7. Attended N.S.S. Training and Orientation Center Refresher Course **“Social And Legal Awareness in Nagar College”**, Ahmednager (5th to 9th Feb. 2011)

8. Attended Seminar on “**Recent instrumental Techniques in Coordination Chemistry in Shri Chhatrapati Shivaji College**”, Omerga Dist. Osmanabad. (23rd Jan. 2011)
9. Attended Four National Conferences, Two State level Conference and One Workshop.

➤ **Prof. R. S. Shinde :**

1. Attended Two National Conferences, Two State level Conferences and One Workshop.

➤ **Prof. V. D. Gaikwad :**

1. Participated in the “**One day Workshop on New Syllabi in B.Sc. Mathematics**”, held on 16th Oct. 2010
2. Participated in the “**Regional Workshop in Mathematics**”, Hingoli held on 27th and 28th Dec. 2010
3. Participated in the National Seminar on “**Advances in Computational Mathematics**”, Latur during 23rd and 24th, Feb. 2011
4. Attended Two State level Conferences, One National level and One Workshop.

➤ **Prof. M. M. Pandit :**

1. Attended Nation conference on “**English Language Today organized by rajashri Shahu Mahavidhyalaya**”, Latur. (27-29th Dec, 2010).
2. Attended Rashritya Sanshodhan Perished on “**Loksahityache Sanshodhan: Swarup Aani Desha organized by Department of Marathi, Dayanand Science College**”, Latur. (25-26 February 2011).
3. Attended University Level Workshop on “**Implementing New Exam Pattern – 2011**”, organized by Dayanand College of Commerce Latur and S.R.T. Marathwada University, Nanded.
4. Organized one day Workshop on ‘**Financial Literacy**’ in collaboration with SEBI (Security and Exchange Board of India)
5. Published and Article entitled “**The Dissolution of Feminine Sensibility in Anita Desais Cry, the Peacock**” Published in “Anita Desais Fiction”.

➤ **Prof. M. A. Bembade :**

1. Published paper on “**A Study of New format for One Day Inter National Cricket As Recommended by Sachin Tendulkar**”, in the

“Processing of National Conference on Physical Education, Maharashtra College, Nilanga-2012 ISSN – 2229 -5623”.

2. Published paper on **“Yoga & Sport An Effective Source of Management for Modern Lifecycle and Social Life”**, in the **“Processing of National Conference on Physical Education, Maharashtra College, Nilanga-2012 ISSN – 2229 -5623”**.
3. Presented paper in the National Conference in **“A Study of Relationship between Scholastic Achievement and Body Mass Index”**, in the **“National Conference on Physical Education and Yoga – SRTMUN Nanded – March – 2010”**.
4. Presented paper in the National Conference in **“The Role of Media in the Yoga a Revolution and Awareness of Physical Fitness”** in the **“National Conference on Physical Education MGM Ahmedpur – Jan- 2011”**.

➤ **Prof. K. R. Bhise :**

1. Published paper entitled **“R.F.I.D. Tantradynanahce Granthalyuamadhe Upayojan)** State Level Seminar on **“Recent Trends in Library and Computer Science”** held at Vasantrya Naik Mahavidyalaya, Aurangabad. Dated: 17-18 February 2011.
2. Attended National Seminar on **“New Dimensions in Library Management”**, held at S.B.E.S. College of Science, Aurangabad. Dated: 30 & 31 Aug. 2010
3. Attended State Level Seminar on **“IT Application’s for TQM in Library”**, held at Mr. Kesharbai Sonajirao Khirsager Alias Kaku Art’s, Science & Commerce College, Beed. Dated: 28 & 29 Jan. 2011.
4. Attended National Seminar on **‘Re-engineering of College Library Services’** held at New Arts, Commerce & Science College, Wardha Dated: 6 Feb. 2011.
5. Attended State Level Seminar on **‘Recent Trends in Library & Computer Science’** held at Vasantrya Naik Mahavidyalaya, Aurangabad. Dated: 17 & 18 Feb. 2011.

➤ **Prof. A. M. Chaugule :**

1. Published paper entitled **“Synthesis Spectral Studies and Fungicidal Activities some heterocyclic Schiff Base Material Complex”** in the international journal of basic and applied research Volume-1 (2011)

2. Published papers entitled **“Synthesis Spectral Studies and Fungicidal Activities some heterocyclic Schiff Baseligand”** in the national journal of interlink research analysis.
3. Attended Conference on **“Recent Instrument Tech. in co-ordination Chemistry for S.C.S. College”**, Omerga (23 Jan. 2011)
4. Attended Conference on **“Research in chemical Sciences for Millia Arts, Commerce & mag Science College”**, Beed. (2011)
5. Attended Conference on **“Challenge in Boodivecity conservation for Dayanand Science College”**, Latur (5 Feb. 2011)

➤ **Dr. L. V. Thakre**

1. **“Studies on preparation and characterization of zinc sulfide thin films”**, in National Conference on **“Recent Trends in Thin Film Technology”**, 23-24 Feb- 2010 Benda.
2. **“Effect of substrate temperature on refractive index and structural properties of Cu/In in spray solution of spread CuInS₂ films”**, in National Conference on **“Recent Trends in Thin Film Technology”**, 23-24 Feb- 2010 Benda.
3. **“Synthesis and Characterization of nano thin films”**, in National Conference on **“Advancements in Nanoscience for Different Technologies”**, 10-11- Feb- 2010 Gunjoti.
4. **“Sol-gel synthesis and effect of particle size of lead titanate nanoparticles”**, in National Conference on **“Advancements in Nanoscience for different Technologies”**, 10-11 Feb- 2010 Gunjoti.
5. Published Research paper entitled **“Color texture Computation: An automatic system for Color Texture Classification”** in International Journal of Systems Biology, Vol. 2 Supplement 1, 2010.
6. Published Research paper entitled **“Superior Segmentation approach for Brain Tumor Images”**, in International Journal of Systems Biology, Vol. 2 Supplement 1, 2010.
7. Presented paper in the international Conference **“Symposium on Renewable Energy for Rural Development (ISORE – 2010)”**
8. Attended one day University lecel corlshop on New FramedSyllabi Of physics on oct 2010
9. Participation in UGS Sponsored State level Workshop on **“New Framed Syllabi of Physics”** on 06th Oct. 2010 at Shri Shivaji College, Parbhani.

10. Participation in UGC Sponsored State Level Workshop on “**ARM Based Embedded Based System Development**” from 8th – 10th Oct. 2010 at Shankarrao Mohite Mahavidyalaya, Akhuj Dist. Solapur.
11. Participation in One Day National Seminar on “**Impact of IT : A Retrospective Approach**” on 19th Feb. 2011 as a Chairperson in the session at Dayanand Science College, Latur.
12. Participation & Poster Presentation in International Symposium on “**Renewable Energy for Rural Development**” on 25th – 27th Feb 2011 in Sangamner.
13. Paned the Maharashtra State Certificate course in Information Technology (MS-CIT) on Feb-2011.
14. Participated & Organizing Mumbai in UGC New Delhi & D.E.S., Latur sponsored one day National Seminar on “Impact of IT on Feb 19- 2011.

➤ **Dr. V. A. Chaudhari :**

1. Attended National Conference on “**Advancements in Nanoscience for Different Technologies (NCANDT- 2010) at Shrikrishna Mahavidyalaya**”, Gunjoti.
2. Attended National Conference on “**Recent Trends in Thin Film Technology (RTTFT-2010) at Jijamata College of Science and Arts**”, Bhende.
3. Attended International Workshop and Symposium on the “**Synthesis and Characterization of Glass/Glass-ceramics**”, (IWSSCGGC - 2010), C-MET Pune.
4. Attended International Conference on “**Nano science and nanotechnology**”, (ICNN-2011), SRTMU, Nanded.
5. Attended Two National and One State level Conference.

➤ **Dr. S. S. Bellale :**

1. Published paper entitled “**Existence theorem for perturbed abstract measure differential Equations**”, (Non linear analysis, Theory Methods and applications. 71(2010) e 319-328. U.S.A.)
2. Published paper entitled “**Abstract Measure Integro-differential equations**”, (Global Journal of Mathematical Analysis, 1. No. pp. 29-48)

3. Published paper entitled “**Local Asymptotic Stability for Nonlinear Quadratic Functional Integral Equations**”, (Electronic Journal of Qualitative Theory of differential Equations, No. 10,1-13).
4. Published paper entitled On “**Quadratic Abstract Measure Integro-Differential Equations**”, (Mathematical Sciences research Journal U.S.A.2010) On Stability of Abstract measure delay Integro-Differential equations. (Dynamic System and Applications 19(2010)11-22. U.S.A.)
5. Published paper entitled On “**Existence Theory for Abstract measure differential equations**”, (Proceeding of National conference on mathematics, Aurangabad. 2010 No. 18-28).
6. Published paper entitled “**Existence of Solution of Abstract measure differential equations via Dhage’s fixed point**”, (Proceeding of National conference on computational mathematics, Latur. 2011).
7. Published paper entitled “**Existence of Solution of Measure differential equation via hybrid fixed point theory**”, (In communication with Global Journal of Mathematical analysis)
8. Presented paper in the international Conference “**Fifth World Conference of Nonlinear Analysis Florida U.S.A.**”
9. Invited for paper presentation in the International Conference “**The 10th International Conference on Nonlinear Functional Analysis and Applications. Kyungnam University, Korea**”.
10. Invited for paper presentation in the International Conference “**International Conference on Analysis and Application, Oman, 2010**”.
11. Presented paper in the international Conference “**International Conference of Mathematical Analysis, Bangkok., 2010**”.
12. Presented paper in the international Conference “**State Level Conference on Mathematical Applications, Aurangabad**” 2010.
13. Presented paper in the international Conference “**International conference on Non linear analysis, Vishakhapattanam, 2010**”.
14. Published a Text book of “**Perfect Mathematics XII Vol-II**” Target Publication, Mumbai (Pub code TPPL-M2-XII).
15. Published a Text book of “**Perfect Mathematics XII Vol-I**” Target Publication, Mumbai (Pub code TPPL-M1-XII).

16. Published a Text book of “**Perfect Mathematics XI Vol-I**” Target Publication, Mumbai (Pub code TPPL-M1-XI, June 2010).
17. Published a Text book of “**Perfect Mathematics XI Vol-II**” Target Publication, Mumbai (Pub code TPPL-M2-XI, June 2010).

3.9. Research Projects:

3.9.1. On Going:

- Dr. C. S. Swami completed his minor research project of amount 75000/- (Rs. Seventy Five Thousand Only) on “**Studies on Seedborne fungi of some legumes & their biocontrol measures**”.
- Dr. S. S. Bellale submitted the proposal of Major Research Project on “**Measure integro-differential equation**” to the UGC.
- Dr. J. S. Dargad submitted Major research Project on “**Synthesis and studies on CdMnSe thin Films: Application in Photo electrochemical Cell**” to the UGC.

3.9.1. Competed:

- Completed UGC Sanctioned Minor Research Project on “**Some Studies on (CdMnSe) S Dited Magnetic Semiconductor Thin Film**” during 2008-2010.
- **Miss. Korde N. S.** completed the minor research project of Rs. 2, 00,000/- (Rs. Two Lack Only) on “**Synthesis of Nanosized material from volatile metal of Beta diketonate**”.

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 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 Faculty Member Dr. S. S. Bellale's Research of Mathematics is collaboration with Florida institute of Technology of USA and Mathematics Research Center University of ionnina, GREECS.
- Our Library Department is in Collaborative with the Info. Lib. Net. Ahmadabad and Art, Commerce College, Latur.

3.12. Research grants received from various agencies:

4. Our Botany Department received Rs. 75,000/- (Rs. Seventy Five Thousand Only) for Minor Research Project.
5. Our Chemistry Department received Rs. 1, 35,000/- (Rs. One Lack Thirty Five Thousand Only) for Minor Research Project.
6. Our College received Grant from UGC for additional Assessment System Rs. 25, 00, 00/- (Rs. Twenty Five Lack Only).
7. Our College received Grant from UGC for college Development System Rs. 25, 00, 00/- (Rs. Twenty Five Lack Only) in the plan 2007-2012.

3.13 Details of Research Scholar:

The following table gives details about research scholar.

Sr. No.	Subject	No. of Research Guide & their name	No. of Research Scholars
01	Microbiology	Dr. B.S. Nagoba, Dr. B. M. Sandikar Dr. S. R. Deshmukh	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:

- Dr. Bellale S. S. Department of Mathematics is in editorial board and reviewer of Global journal of Mathematics and reviewer of International journal of Mathematics (Springer Publication USA).

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

- Dr. Bellale S. S. is awarded with “**Adarsh Shikshak Purskar**”, from Marathwada Social well fear Office, Aurangabad in Marathwada region, 02 March 2009.
- Dr. Bellale S. S. is awarded with “**KAI Sadashivrav Guruday Smaruti Purskar 2010**”.

3.16. Internal resources generated:

- From the different sources we have generated **Rs. 80,000/-** (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/-** (Thirty Thousand Only) from the interest on the deposit for earn and learn scheme and other.
- Also we have received **Rs. 25,00,000 /-** (Rs. Twenty Five Lack only) for the College Development Grant. (5 Years).

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. 25,00,000 /-** (Rs. Twenty Lack Only) for the College Development Grant. (5 Years) from UGC.
- **Rs. 40, 00, 000/-** (Rs. Forty Lack Only) for the COC courses from UGC for 5 years.

3.18. Community services:

- Our Zoology Department organized the seminar on “**Body Diversity Conversation**”.
- Teachers of Chemistry Department participated in Social work and Social activities also they arranged Blood Donation Camp.

- Our College Teacher and Student organized and participated in the Anticorruption rally in Latur city.
- Thirty Boies of NCC cadet participated in “**Police Bandobast**” at the Time of “**Ganesh Visarjon 2010**”.
- Our NSS and NCC candidate donated blood in the blood donation camp organized by the college.
- Prof. S. V. Kathare, H.O.D. of Marathi participated in the conference on inter cast and inter religious marriage held in Latur.
- Our NCC participated in plus polio Abhiyan arranged by civil health Care Latur.
- Dr. S. S. Bellale become a member of “**loin club Ahmedpur**”. A Social organization.
- Prof. J. A. Angulwar and Shinde R.S. of Chemistry Department has been selected as NSS program officer.
- Dr. V. A. Chaudhari of Physics 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 required.

- Teachers: 01 -
 1. Dr. S. S. Bellale
- Officers: 04 -
 1. Shri. B. G. Kamble
 2. Shri. N. R. Baheti
 3. Shri. V. A. Naikwade
 4. Shri. S. G. Navandar

3.20. Teaching and Non-teaching retio:

- 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.
- Data entry started in the month of September 2009 and completed in march 2010
- Internet broadband facility is given for teachers and 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	400	2,64,727/-
02	Periodicals	10	10,000/-
03	Journals	15	18,243/-
04	Newspapers	14	12,206/-
05	CD ROM received along with journals and books	60	--
Total Rs.			3,05,176/-

3.23. Student feedback an action taken for courses 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 courses etc.

- Every month respective faculty coordinate with Vice-principal visits every class for students 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 and Administration
3)	Prof. S.B. Kathare	Chairman	Feedback of Student on Library and Reding Room
4)	Prof. S.N. Ibate	Chairman	Feedback of Student on C.O.C. Courses
5)	Prof. S.K. Alane	Chairman	Feedback of Student on Hostel - Boys & Girls.
6)	Prof. Y. P. Sarnikar	Chairman	Feedback of Alluminy on College/Courses

3.24. Feedback from stakeholders:

- For the college and all courses all courses, feedback of stockholders by college. Students 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.

3.25. Unit Cost of education:

- The Total expenditure, no. of students and unit cost for this year is given below.
- Total Expenditure = Rs. 1,86,54,973/-
- Total No. of Students = 750
- Unit Cost = Rs. 28700.00/-

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, Ahmedabad.
- 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.
- Department of Computer Science, Physics, Microbiology has enriched its Lab with LCD Projector, DVD writer and Laser printer each of worth Rs.61,002/- (Sixty One Thousand Two Only).

3.28. Technology upgration:

- Each Department in the college is provided with a computer having broad band internet facility.
- The broad band internet connectivity is also provided to teachers console in the language Laboratory for teachers of English and other languages.
- 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 Sir 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:

- Shri. Shaikh Firoj Rajaksahed S. R. T. M. University Nanded in the Inter University Ball-Badmiton (M) Tournament held at Chennai University.
- Shri. Mali Nikhil was represented S. R. T. M. University Nanded in the Inter University Chess (M) Tournaments held at Chennai University.
- Shri. Patawadkar Maroti was represented S. R. T. M. University Nanded in the Inter University Cross Country (M) Tournaments held at Dheharadun University.
- Shri. Istalkar Dinesh was represented S. R. T. M. University Nanded in the Inter University Cricket (M) Tournaments held at Dheharadun University.
- Shri. Dhotre Nitin was represented S. R. T. M. University Nanded in the Inter University Base ball (M) Tournaments held at Rohatak Surat University.

- In year 2010-11 our collage is the Winner of ‘A’ Zone Inter Collegiate Chess Tournament and Runner of Tennis Tournament.
- The following are the university level and inter university level awards to our sports personnel during the year 2010-2011.

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. General Awards:

Sr.No.	Name of the Student	Class	Subject	Prize
1	Jadhav Dhananjay A.	B.Sc. I	Micro	11,000/-
2	Pawar Preeti P.	B.Sc. II	Micro	11,000/-
3	Uarde Deepshree R.	B.Sc. I	Botany	10,000/-
4	Pawar Preeti P.	B.Sc. II	Botany	10,000/-
5	Jadhav Dhananjay A.	B.Sc. I	Zoology	10,000/-
6	Sayyad Raziya M.	B.Sc.II	Zoology	10,000/-
7	Mane Shilpa	B.Sc. I	Maths	10,000/-
8	Tole Shital A.	B.Sc.II	Maths	10,000/-
9	Birajdar Chandrashor S.	B.Sc. I	Elect.	10,000/-
10	Deshmukh Apeksha B.	B.Sc. II	Elect.	10,000/-
11	Jadhav Dhananjay A.	B.Sc. I	Chemi.	5,000/-
12	Munde Tukaram Govind	B.Sc.III	Chemi.	5,000/-
13	Hardas Pawan	B.Sc.I	Ind.Chem	5,000/-
14	Repe Amol Balasaheb	M.Sc.I	Micro.	5,000/-
15	Mane Mahesh G.	B.Sc.I	Comp.Sci	5,000/-
16	Pawar Sonali	B.Sc.I	Phy.	5,000/-
17	Pawar Preeti P.	B.Sc.II	Chem.	5,000/-

18	Tole Shital A.	B.Sc.II	Comp.Sci	5,000/-
19	Havile Prajakta R.	B.Sc.II	Phy.	5,000/-
20	Bhat Vijay S.	B.Sc.II	Ind.Chem	5,000/-
21	Mhanale Tukaram B.	M.Sc.I	Chem.	5,000/-
22	Ambure Manoj R.	11vi	Phy.	5,000/-
23	Bade Deep S.	B.Sc.III	Phy.	5,000/-
24	Sayyad Rajiya M.	B.Sc.II	CBZ Grup	5,000/-
25	Mulje Shubham Shahuraj	11 th	1 st all sub	5,000/-
26	Hardas Pawan	B.Sc.I	1 st	5,000/-
27	Sayyad Aarsiya E.	11 th	1 st all sub	5,000/-
28	Bora Nikita Vijaykumar	11 th	1 st all sub	5,000/-

B. 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
2010-2011	05	03	02	02	04	01	05	02	-	-

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 bound 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 3 students of Microbiology Department.
- 13 students of B.Sc. and M.Sc. Biotechnology, Chemistry have been employed in various organizations through our placement cell.
- 8 students of B.Sc. (CS) have been recruited by Syntel through campus interview.

- 6 Student of B.Sc. (Chem.) were recruited as chemists in two sugar factories.

3.39. Development programmes for non-teaching 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. V. A. Chaudhari 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.
- NCC candidates are so 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 Bokangav.
- 150 students participated in District level leadership Camp held at Chapoli Dist Latur and 08 students participated in university level.
- 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 2010-2011 Youth Festival was named as “**Yashavant Youth Festival**” held at Yeshavant Mahavidyalaya, Nanded during 02-10-2010 to 05-10-2010. 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 first prize 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/- 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 Interner/Digital Resources Availability Service
- Reading facility is available in library so it is define that Reading Room is the service which is provide library.
- 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, Manglore 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

- Started short term skill oriented courses for the benefit of staff and students.
- Organized the National Conferences in Computer and Zoology Department.
- Implemented some recommendations of the peer team in their report of accreditation.
- Promoted the Information and Communication Technology based instructions.
- Improved the Research activity in the Department of Microbiology, Physics and Mathematics.
- Organized the national and state level conferences, Seminars in the Department of Zoology, Microbiology, Computer Science.
- Constructed the digital classrooms in the department of Botany and Chemistry for the P.G. and U. G. students.
- Fulfilled the available vacancies by the highly qualified Applicant.

Part D

4.1. Plan of the institution for the next year

- The college will be completing 50 years of its existence in 2011 and entering into Golden Jubilee year on June 2011. A grand function for the inauguration of silver jubilee year and many academic, curricular and extra-curricular events are being planned.
- A task force to be setup to improve the services to students and the faculty.
- More emphasis on ICT based teaching learning to be introduced
- Networking of academic institutions and industry is envisaged.
- To start short term skill oriented courses for the benefit of staff and students.
- 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.
- To constructs the digital classrooms in the department of Physics, Computer Science 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 Computer Science.
- To generate more and more internal resources for developmental work.
- To conduct the university sports Tournaments and training camp in the institute.
- To provide computer internet facility to the Language Departments.
- To provide the laptop to each faculty member for the purpose of research work.
- 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.
- Purchase Glass Distillation plant UV cabinet balance with 0.0001, melting point appearance to the Chemistry Department.
- To conduct the workshop for the student in the zoology department.

Date:

Signature

Dr. S. K. Alane
Coordinator (IQAC)

Dr. J. S. Dargad
Principal