

PART A

History

Ponda Education Society was established in the year 1985, with the combined efforts of many prominent educationist, philanthropist and social workers of Ponda and surrounding areas. They decided to start a Arts and Science College along with Higher Secondary School in 1986. It was a welcome step which helped the students of Ponda taluka to pursue higher studies, as the students of Ponda Taluka and surrounding areas had to travel a long distance to obtain higher education on completion of their HSSC studies, as there was no general higher education facility available in Ponda at that time. Besides, the education was beyond the reach of the poorer section of society, as a result, the poor and deserving students in this area who could not afford to travel long distances were deprived of higher education.

The Ponda Education Society approached the then Chief Minister, Shri. Pratap Singh Rane and Government of Goa leased the present premises the building along with 35,000 square meters of land at Farmagudi which is owned by the Tourism Department, to Ponda Education Society for 5 years. The College was inaugurated on 20th June 1986. In 1992, Government of Goa extended the lease from 5 years to 99 years for the betterment of the educational institution.

In June, 2002 the College was officially named as PES's Shri Ravi S. Naik College of Arts & Science. The College has well established campus with different buildings housing administrative area, classrooms, laboratory blocks, gymkhana and library apart from the play ground in a country side with good number of hillocks surrounding it away from city traffic in a quite serene and beautiful location with greenery around the campus in a calm and quite atmosphere, ideal for studies.

The College has a team of dedicated and experienced teaching and administrative staff for facilitating learning and providing guidance to students. Many students of this area being first generation learners are admitted without any special screening, but with the help of hard-

working, dynamic and experienced teachers, they are provided with the best education and guidance which helps them to graduate with flying colors. Since 1986, twenty five batches of students appeared for Third Year Examination conducted by GOA UNIVERSITY. Thousands of them have successfully graduated and settled. Many of them are holding good position and doing well in life.

ACTIVITIES REFLECTING THE GOALS OF THE COLLEGE

Vision

Is to be a centre of higher education, that prepares youth for becoming capable, useful and upright citizens, able to face the challenges faced by the country and global village.

Mission

We aim to achieve our vision...

By ensuring that our faculty, is highly qualified and committed to the transference of high levels of knowledge and values to the students.

By promoting activities that inculcate student community interaction for meeting the local needs.

By evolving programmes that will enable the students to find practical applications of the knowledge gained.

By providing an atmosphere where an all around development of personality is possible.

College Coat of Arms

The true strength of any society lies in the presence of number of enlightened minds and souls. It is the knowledge and wisdom that illuminates the individual. The aim of an educational institution should be to enlighten and empower the students to be the creators and transformers of tomorrow.

The banyan tree is an ancient symbol of enlightenment. It also represents our commitment to growth and continuous renewal. The book and the equipment represent the attitude of enquiry and learning that we inculcate. The light rays reflect our conviction that there is a higher source of Knowledge and Wisdom and we are a channel to pour this light into all who enter our portals.

Achievements

- ❖ College has been accredited by the National Accreditation and Assessment Council, Bangalore in the year 2001-2002, with a grading of three stars which was valid for five years. LOI for reaccreditation was submitted in the year 2008, however the final report was not submitted as number of infrastructural facilities were being created for the students. Construction of new laboratory block, gymkhana, seminar hall, library, cafeteria, renovation of existing building were simultaneously going on. College will be going for reaccreditation process this year.
- ❖ The College has well-qualified faculty members with M.Phil and Ph.D. qualification.
- ❖ UGC and other funding agencies have funded a number of major and minor research projects which are either ongoing/ completed by faculty.
- ❖ The College has established an excellent relationship with various industries in and around Ponda Taluka.
- ❖ The College has signed MOU with National Institute of Oceanography, Dona-Paula, Goa and has linkages with many Institutions /Organizations in Goa.

The National assessment and Accreditation Council has advocated the establishment of Internal Quality assurance Cell (IQAC) by all the accredited institutions as a post accreditation quality sustenance activity.

Objective

The primary aim of the IQAC is to develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.

Functions of IQAC

Major functions expected of the IQAC are:

Development and application of quality, benchmarks / parameters for the various academic and administrative activities of the institution.

- ❖ Dissemination of information on the various quality parameters of higher education.
- ❖ Documentation of the various programmes / activities leading to quality improvement.
- ❖ Preparation of the Annual Quality Assurance Report (AQAR) to be submitted to NAAC based on the quality parameters.

Composition of Internal Quality Assurance Cell

Dr. A . S. Dingé – Principal and Chairman of IQAC

Shri R. G. Desai - Member from management

Principal R.V. Gaonkar - External expert

Principal D. B. Arolkar - External expert

Mrs Ranjita U. Sawaiker – Member secretary of IQAC

Dr. J. G. R. Monteiro – Member

Dr. S. H. P. Keluskar – Member

Dr. Harsha Uskaikar – Member

Dr. Caroline Fernandes – Member

Mr G.P. Shet Narvekar Administrative Member

The academic year commenced with a staff meeting in which the Principal presented the action plan formulated for the year 2012 -13 and the achievements.

Highlights of the action plan

- ❖ Multimedia projectors for lecture and laboratory programmes.
- ❖ Internet access to teachers.
- ❖ Encourage departments and faculty members to submit research projects.
- ❖ The faculty members from various departments were encouraged to attend refresher/orientations courses organized by Academic Staff Colleges of Goa and other Universities.

- ❖ The departments were asked to organize seminars, workshops and symposia as part of the academic and research activities in order to enhance and upgrade the knowledge of the teaching community in various subjects.
- ❖ The faculty members of Departments were requested to obtain students feedback/assessment in order to improve the teaching programme. They were also asked to prepare the detail report of the feedback and submit to Principal.
- ❖ The departments were also asked to upgrade the existing facilities and introduce new technologies like use of multimedia projectors, OHPs, internet access in the lecture and laboratory programmes.

IQAC evolved mechanisms and procedures to improve the academic and administrative performance of the institution by:

- ❖ Developing quality benchmarks for the various academic and administrative activities.
- ❖ Disseminating information on various quality parameters of higher education.
- ❖ Documenting various programmes.
- ❖ Preparing Annual Quality Assurance Report.
- ❖ Introducing innovative methods of teaching, learning and evaluation.
- ❖ Evaluation of teachers by students will be conducted at different times and will be intimated personally.

Plan of action chalked out by the IQAC in the beginning of the year 12-13 towards quality enhancement and the outcome achieved by the end of the year

- ❖ To prepare for the NAAC Peer Team visit and orient all Departments of the college towards re-accreditation.

- ❖ To identify a target group through Placement Cell and give training in soft skills for employment.
- ❖ To start Post graduate programme in chemistry from June 2014.
- ❖ To cater to the needs of slow learners through remedial classes.
- ❖ To use Management Information System (MIS) in more areas in the institution.
- ❖ To create Information Communication Technology (ICT) and smart classrooms.
- ❖ To increase the programme options available to students in terms of Diplomas and Certificates courses.
- ❖ To promote collaborative research through Memorandum of Understanding (MoU) with academic bodies / industries.
- ❖ To arrange faculty development programmes, like seminars, workshops etc.

i) Curricular aspect

- ❖ To prepare teaching plan for the year.
- ❖ To provide orientation to the students, on course/ programme at the beginning of the year.
- ❖ To organize Seminars on new developments in Folklore and cultural Study.
- ❖ To organize Interdisciplinary programmes.
- ❖ To carry out UG student projects.
- ❖ To continue Coaching Classes, Remedial classes.

ii) Teaching, learning and evaluation

- ❖ Developing quality benchmarks for the various academic and administrative activities.
- ❖ Disseminating information on various quality parameters of higher education.
- ❖ Documenting various events taking place in college.

- ❖ Preparing Annual Quality Assurance Report.
- ❖ Introducing innovative methods of teaching, learning and evaluation.
- ❖ Evaluation of teachers by students.
- ❖ To conduct the annual exhibition by incorporating hobby collections and projects of students.
- ❖ To maintain teachers dairy.
- ❖ Information Communication System (ICT) enabled, student centered teaching.
- ❖ Continuous evaluation through assignments, seminars and project work, two internal examinations in each semester and regular monitoring of attendance.
- ❖ Teacher evaluation by structured questionnaire.
- ❖ More activities of Alumni Association.

iii) Research, consultancy and extension

- ❖ To continue the activities of the Research and Development Cell.
- ❖ Apply for more major/minor research projects to various funding agencies.
- ❖ Establish / continue collaborative Programmes with national and International organizations.
- ❖ To organize extension activities in collaboration with NGOs.
- ❖ Organize Medical camp/Dental camp.
- ❖ To keep the campus clean and eco-friendly.

iv) Student support and progression

- ❖ To organise NSS camp and trekking programme.
- ❖ To continue the practice of awarding the best outgoing students and Rank Holders.

- ❖ To inform the students about the counseling facilities, various scholarships and awards instituted by the college and other well-wishers.
- ❖ Encourage students to undergo NET/SET training and coaching classes for entry in PG courses.
- ❖ To upgrade Placement data.
- ❖ To strengthen the career guidance and placement cell to facilitate the students for various job opportunities.
- ❖ To encourage students to participate intercollegiate quiz and other events.
- ❖ To encourage students to participate in the activities of NSS/ Nature Club & forums etc.
- ❖ To organize PTA meetings.

v) Governance and leadership

- ❖ Initiate steps for NAAC re-accreditation during the current academic year.
- ❖ Purchase more Computers and other allied requirements for various subunits of the College.
- ❖ Purchase modern laboratory equipments with the UGC grants/ projects funds.
- ❖ To continue the functioning of various committees to ensure transparency in all activities.
- ❖ To complete the construction of PES cafeteria.
- ❖ Purchase more laptops.
- ❖ Purchase more books, journals and CDs/DVDs to the library.
- ❖ To create e- database for library.
- ❖ To purchase more books to the departmental libraries.
- ❖ Celebrate days of national importance.

- ❖ Continue the periodical departmental/ general staff meetings.
- ❖ To strengthen the grievance redressal mechanism by incorporating a complaint and suggestion box.
- ❖ To initiate the solid waste management project.
- ❖ Ensure annual maintenance of buildings and roads within the campus and to have more parking space.
- ❖ To install additional Solar Lamps in the campus.

vi) Innovative practices

- ❖ IQAC plays a key role in the quality assurance efforts within the existing academic and administrative system. It receives the inputs from the academic and administrative departments about their plans, measures that would be taken for quality assurance and upgradation.
- ❖ The faculty members are deputed to various institutions in India to attend the Workshops, Symposia and Conferences. In addition to this they were requested to study the working and the best practices adopted by those institutions in various departments.
- ❖ The faculty members are requested to provide feedback about their participation, so that it throws light on good practices of the host institution.
- ❖ Some of the faculty members have provided this feedback and these were adopted and internalized by the college wherever necessary.

vii) Community services.

- ❖ To promote tree plantation programmes through Nature club with the support of PES management.
- ❖ Visit to Juvenile Homes and Old Age homes. These visits also included interacting and staging cultural programmes for the inmates.

For achieving academic excellence in higher education more as a mission than a mere academic exercise, PES's SRSN College of Arts & Science, in the academic year 2012 – 2013 set before it the tasks of sustaining higher levels in academics. Over the years the institution has adopted ways and means by which we are growing to provide initiatives for the benefit of the students and stakeholders. This experience of us will make it lively, wholesome, productive and progressive.

This responsibility was shared by all the stakeholders right from the management, teaching and administrative staff, students, parents and the community at large we aim to serve. Inculcating values into the pursuit of academic excellence has remained our special focus in the curricular and co-curricular activities this year. Learning experiences outside the class-room have been provided through various activities on campus and beyond like extension and community services via the NSS (National Service Scheme).

As the academic year 2012-13 draws to a close we can look back with satisfaction that was very eventful and fruitful in achieving our objectives to sustain quality and enhance our performance which Part A and B of this report will highlight.

1) ADMISSION POLICY:

In admitting students into the various courses/programs offered by the Institution, we are guided by the fundamental goals and principles in general. The process of admitting students to various courses is done through a transparent mechanism, complying with the norms of the DHE (Directorate of Higher Education) and Goa University.

We admit all the students who apply on merit, pre-admission interaction with the counseling committee and interview with the Principal. Special efforts are made to admit students from socio-economically backward communities, economically backward class, disabled, sports persons and others. The college has provision for providing free ships/scholarships/schemes for economically backward class.

An Orientation Programme for the First Year B. A. /B. Sc. students of the Under-graduate level is held at the beginning of the academic year. The programme includes:

- ❖ General information on various campus facilities available.
- ❖ Stream-wise subject orientation covering courses, content and job opportunities.

- ❖ Information on the college library and optimum use of its facilities.
- ❖ Sports facilities and opportunities.
- ❖ Orientation of co-curricular activities specially NSS programmes.
- ❖ Information on college associations, clubs, cells and the nature of their activities for the development of the students.
- ❖ For the Third Year students, an orientation on the Project Paper, guidelines on choosing project topics, assessment and marking scheme.

2) HEALTHY PRACTICES:

Encouraging students into practices that will reinforce discipline and values imbibed in the classroom, some of our healthy practices are Teacher-Guide programme, value – education classes, commemoration of National and International Days, Hindi Day, Teachers day etc., these are intended to provide opportunities for self-development, discipline, sensitivity to issues of local, national and international interest.

3) CO-CURRICULAR ACTIVITIES:

Co-curricular activities are intended to enhance the talents that students have and to supplement and strengthen their classroom learning. These are activities carried out through Cells/Associations/Clubs, and Foras. At PES's SRSN College we have such associations that organize activities that help students to engage in capacity building. The College participated in several inter-collegiate events with the purpose of exposure to the competitive world and to build in them enduring qualities that will help them to cope with challenges to face the competitive world. These events will feature in the report later. Under the newly implemented semester system at the under-graduate level, a new scheme of examination was introduced since 2007-2008 with two broad modes of academic assessment of the students for the semesters, namely the Intra-Semester Assessment (ISA) and the Semester End Examination (SEE)

4) EXAMINATION PATTERN FOR F.Y. / S.Y. / T.Y.BA/B.SC.**❖ INTRA-SEMESTER ASSESSMENT (ISA)**

In each semester a student is evaluated using two different modes of testing. For example a written test, oral test, assignment, or seminar mode. A student has to compulsorily answer two ISAs to qualify for the Semester end examination. The ISA carries 20% of maximum marks allotted for the paper.

❖ SEMESTER END EXAMINATION

The SEE is conducted for the balance 80% marks allotted for the paper. A student has to secure a minimum of 40% of the maximum marks in the ISA and SEE components taken together to pass in each paper for each semester. Repeat SEEs are conducted to enable students to clear their backlog of papers of previous semesters. The students with a backlog are not admitted to semester V. For the smooth conduct of the SEE, an Examination Committee is appointed by the Principal.

❖ RESULTS STATISTICS of B. A. SEMESTER VI EXAMINATION OF APRIL, 2012

Number of students appeared	148
Distinction	3
First Class	25
Second Class	56
Pass Class	24
Total Students Passed	108
Total Students Failed	40
College Pass Percentage	72.97%

❖ RESULTS STATISTICS of B. Sc. SEMESTER VI EXAMINATION OF APRIL, 2012

Number of students appeared	124
Distinction	54
First Class	52
Second Class	1
Pass Class	9
Total Students Passed	116
Total Students Failed	8
College Pass Percentage	93.54%

5) CANDIDATES QUALIFIED: NET/ SLET/ GATE ETC.

NIL

6) NEW ACADEMIC PROGRAMMES INITIATED (U.G & P. G):

We plan to start PG programme I Chemistry from June 2014

7) INNOVATION IN CURRICULAR DESIGN AND TRANSECTION

Department of Political science has a certificate course on **Human Rights Education**.
Total funding Rs 4, 00,000/- . The course is funded by UGC New Delhi.

8) INITIATIVE TOWARDS FACULTY DEVELOPMENT PROGRAMME

- ❖ Refresher Courses of Goa University and other universities are attended by faculty members.
- ❖ Research Papers Presented by faculty members at State /National / international level seminars and conferences.
- ❖ Study leave of Government of Goa and FIP of UGC is availed by 10 of our faculty members to complete their research work.

- ❖ State /National / international level Workshops/Seminars and conferences attended by our faculty.

These events will feature in the report later.

9) TOTAL NUMBER OF SEMINARS/WORKSHOPS CONDUCTED

Prof. Bhushan Bhawe organised a National Level Seminar on "Hartus Indicus Malabaricus" in February, 2013.

10) RESEARCH PROJECTS NEWLY IMPLEMENTED

AND SUBMITTED RESEARCH ACTIVITIES

Our faculty members are actively involved in Research activities through various major and minor research projects.

❖ MINOR RESEARCH PROJECTS COMPLETED

The College has so far completed 13 minor research projects funded by UGC. The investigators were :

Dr. S. H. Bhosale (Zoology),
Dr. (Mrs.) Anita Tilve (Chemistry),
Dr. (Mrs.) S. R. Borkar (Microbiology),
Dr. (Mrs.) S. V. Kamat (Botany),
Dr. (Ms.) Harsha Uskaikar (Chemistry),
Shri. B. V. Bhawe (Konkani),
Dr. Badruddin (Political Science),
Dr. Caroline F. E. Fernandes (Microbiology),
Dr. (Mrs.) V. V. Kamat (History),
Dr. D. K. Prabhu (Zoology),
Dr. K. R. Kunkolienkar (Philosophy),
Dr. Satish Keluskar (Physics),
Dr. V. V. Prabhudesai (Marathi)
and Dr. V. J. Pissurlekar (Chemistry).

❖ ONGOING PROJECTS

The College has following investigators on their respective ongoing projects. The Investigators are:

Dr. S. H. Bhosale & Ms. Deepa Fernandes (Zoology)

Ms. Teja Gramopadhye & Dr. S. H. Bhosale (Zoology)

Ms. Ranjita Sawaiker & Dr. S. V. Kamat (Botany)

Dr. Sunita Borkar (Microbiology)

Dr. Caroline F. E. Fernandes & Dr. Sunita Borkar (Microbiology)

Ms. Anuradha Kanolkar & Dr. Anita Tilve (Chemistry)

Dr. Harsha Uskaikar (Chemistry)

Dr. (Mrs) Kamaladevi R. Kunkolienker (Philosophy)

Dr. J. G. R. Monteiro (Economics)

Dr. M. N. Kulkarni (Mathematics)

Dr. Vidya Prabhudesai (Marathi)

Dr. S. V. Kamat (Botany)

11) PATENTS GENERATED:

NIL

12) NEW COLLABORATIVE RESEARCH PROGRAMMES:

NIL

13) RESEARCH GRANTS RECEIVED FROM VARIOUS AGENCIES

A total grant received during the year 12-13 was **Rs 7, 75,000/-** through various funding agencies.

14) CITATION INDEX OF FACULTY MEMBERS AND IMPACT FACTOR:

NO INDEX AVAILABLE.

15) HONOURS/AWARDS TO THE FACULTY

- ❖ **Dr. Padmaja V. Kamat** (Associate Professor and Head of History) was awarded **Ph.D. degree** by Goa University for her thesis entitled '**Ponda – A History of Temples**'.
- ❖ **Dr. Girish V.S. Kundaikar**(Associate Professor and Head of Physics) was awarded Ph. D.degree by Goa University, His research was in the field of Nano-magnetic material. The title of thesis was "**Electrical and magnetic properties of nano-particle Mn-Zn ferrite obtain from Novel method of Synthesis**".

16) INTERNAL RESOURCES GENERATED

Source of funding	Number	Quantum (Rs.)
Tuition Fees	Arts and Science	Rs 930930/-

17) COMMUNITY SERVICES

These events will feature in the report later

18) THE COUNSELING CELL

- ❖ Is involved in regular counseling of students.
- ❖ Counselor visits our college twice a week.

19) IMPROVEMENTS IN THE LIBRARY SERVICES

- ❖ The library has a large reading hall. Reference books/ journals /magazines/Textbooks /Encyclopedia/ Volumes are stored in the library. e database is being generated.
- ❖ Most of the departments runs its own departmental library.
- ❖ During the academic year 12-13 the following **Journals** were purchased.
 1. Mathematics Today
 2. Asian Journal of Chemistry
 3. Arti
 4. Current Science
 5. Resonance

6. Bulletin of Material Science
 7. Journal of astrophysics And Astronomy
 8. Journal of Bioscience
 9. Journal of Chemical science
 10. Journal of Earth System science
 11. Journal of Genetics
 12. Pramana- Journal of Physics
 13. Proceedings of Mathematical Science
 14. Sadhana – Engineering Sciences
 15. Indian Journal of Chemistry Sec. A
 16. Indian Journal of Chemistry Sec. B
 17. Indian Journal of Pure and Applied Physics
 18. Indian Journal of Journal of Geo- Marine Science
 19. Antarnaad
 20. Indian Literature
 21. Samkalin Bhartiya Sahitya
 22. Journa of Indian Chemical Society
 23. Jnanadeepa Journal
 24. Reserve Bank of India Bulletin
 25. Economic Challenger
 26. Official Gazette
 27. Indian Journal of Politics
 28. Lalit Masik
 29. Mainstream
 30. University News
 31. Sahitya Suchi
 32. Economic and Political Weekly
- Total No. of journals **32**
- Total Cost **Rs 40865/-**

❖ During he academic year 12-13 the following **Magazines** were purchased

1. India Today
2. India Today(Hindi)
3. The Week
4. Employment News

Total No. of Magazines **04**

Total Cost **Rs 2270/-**

❖ During the academic year 12-13 the following **News Papers** were purchased

1. The Navhind Times
2. The Times of India
3. The Economic Times
4. Gomantak
5. Tarun Bharat
6. Navprabha
7. Sunaparant

Total No. of News Papers **07**

Total Cost **Rs 97665/-**

❖ **The following Book Exhibitions Were held during last academic Year**

1. Verma Book Stall – Pune
2. Ideal Book Service - Belgaum
3. Book Mate - Ponda

❖ **Number of Books Purchased during 12-13**

From Library Budget **649** Worth **Rs 238301/-**

From UGC Budget **324** Worth **Rs 117393/-**

Total No of Books 973

Total amount- 355694/-

20) COURSES IN WHICH STUDENTS ASSESSMENT OF TEACHERS IS INTRODUCED, THE ACTION TAKEN ON STUDENT FEEDBACK

- ❖ A feedback form for teacher assessment is given to students of the Second Year and Third Year towards the end of the academic year. These students assess the teacher on various aspects of the teaching learning process in the classroom. These forms are scrutinized by the Principal and then handed over to the respective teachers. The teachers tabulate the student's responses in a prescribed manner and are expected to take the necessary actions to improve their performance.

21) COMPUTERISATION OF ADMINISTRATION AND THE PROCESS OF ADMISSION AND EXAMINATION RESULTS, ISSUE OF CERTIFICATES

- ❖ The Arts departments have one computer for use by the faculty. Every Science laboratory has been equipped with at least one computer exclusively for their faculty. Laptops are given to each department. Some of the laboratories are having LCD projector.
- ❖ We plan to make more classrooms as ICT and smart classrooms.
- ❖ In future more use of MIS will be done in administrative processes.

22) INCREASE IN THE INFRASTRUCTURAL FACILITIES

- ❖ We have increased the infrastructure facilities from one building to five more.
- ❖ A new laboratory block with more space, new cafeteria, Seminar halls, spacious area for Administrative office, large reading hall for students and for staff in the library.

23) TECHNOLOGY UPGRADATION

The College has undertaken the following upgradation during the academic year 2013- 14.

- ❖ Classroom Teaching Aids
- ❖ Over head projectors- 06
- ❖ Computer Lab Upgradation
 - Computer Systems – 35

- Servers - 01
- Tables -34
- ❖ Internet Connection
 - 1 BSNL Broadband Connections (850 plan Unlimited)

24) FINANCIAL AID TO STUDENTS

- ❖ Students Aid Scholarship Rs 45,000/-

25 and 26) ACTIVITIES AND SUPPORT FROM ALUMNI AND PARENT - TEACHER ASSOCIATION

- ❖ PES's SRSN College has given primary importance to maintaining links with the past students. The staff has been encouraged to invite past students who have established themselves in various professions to address the current batches of students and share with them their life experiences.
- ❖ The College has organized past students re-unions to share with them the progress of the College and contribution to the development of the larger community. As some percentage of our faculty is our own ex-students.
- ❖ Over the years PES's SRSN has acknowledged the importance of involving the parents of student in the teaching learning process and performance of their children.
- ❖ The staff is encouraged to relate to the parents on a one to one basis, keeping them regularly informed about the overall progress and performance of their children. The mentor system has helped teachers understand individual student's problems and specific academic requirements.
- ❖ The Principal and the staff take the opportunity to meet and address the parents at the beginning of each academic year, in order to orient them on ethos of the institution, in addition to the courses offered and the activities conducted.
- ❖ The Principal interacts with every parent/ guardian of the new students in order to understand better their backgrounds and their expectations from the institutions. Parents are encouraged to interact with the staff and visit the college as often as possible.

27) PERFORMANCE IN SPORTS ACTIVITIES

The functioning of Department of Physical Education of the college has been very impressive since the inception of the college in 1986. We have Ten Students (10 Students) who have performed exceptionally well in sports. Miss. Sidhita Sadanand Naik , Ms. Nasrim Banu and A.R. Nallikun have been selected to represent the B.C.C.I. South Zone Senior Women's T-20 Cricket Tournament to be held at Chennai.

Mr. Sunil G. Vagekar participated in the 32nd Junior National Kho-Kho Championship held at Devlal Stadium Gurgaon, Hariyana.

- ❖ Miss. Hema Kiran Gaude (S.Y.B.A.), Miss. Tanuja G. Gaude (S.Y.B.A.), Miss. Bindiya Gaude (T.Y.B.A.) has been selected to represent Goa Froot-ball team for the Senior National Froot-ball Championship.
- ❖ Mr. Aaron Avelino Pereira (T.Y.B.A.) participated in the West Zone Inter-University Volleyball Championship, Mr. Nilesh Gopal Vagekar & Mr. Sunil G. Vagekar (F.Y.B.A) participated in the West-Zone Inter-University Kho-Kho Championship.
- ❖ Ms. Anuradha Sugga participated for Junior National Judo Championship held at Gurgao, Hariyana.
- ❖ Mr. Aditya S. Parkar (F.Y.B.A.) participated for Cricket Under - 19 Cooch Behar Trophy held at Baroda organized by B.C.C.I. Several of our students have represented Goa at the State & National levels.

GROUP ACHIEVEMENTS

1. In Inter-Collegiate Volleyball (Men) Tournament, the College won Third time Goa University Championship 2012-2013 (Hattrick).
2. In Inter-Collegiate Cricket (Women) Tournament, the College was Runners-Up Goa University Championship.

INDIVIDUAL ACHIEVEMENTS

1. Miss. Sidhita S. Naik from T.Y.B.A., represented the BCCI South Zone Senior Zone Senior Women's T-20 Cricket Tournament held at Chennai.
2. Miss. Nasrim Banu A.R. Nallikun from S.Y.B.A., represented the BCCI South Zone Senior Women's T-20 Cricket Tournament held at Chennai.

Mr. Sunil G. Vagekar from F.Y.B.A., represented Goa State and Goa University in Kho-Kho tournament held at Devilal Stadium, Gurgaon.

3. Mr. Nilesh G. Vagekar from F.Y.B.A., , represented Goa University, West Zone Inter University Men Kho-Kho Championship held at University & Mumbai P .L. Shroff College Chinchani, Thane.

4. Miss. Hema K. Gaude from S.Y.B.A., represented Goa State, 7th Senior National Floorball Championship organized by Indian Floorball Federation and Floorball Association of Delhi at DDA Sports Complex, Metro Station Pitampura, New Delhi and also won Gold Medal in Judo, Inter- Collegiate Judo Championship organized by Goa University.

5. Miss. Tanuja G. Gaude from S.Y.B.A., represented Goa State, 7th Senior National Floorball Championship organized by Indian Floorball Federation and Floorball Association of Delhi at DDA Sports Complex, Metro Station, Pitampura, New Delhi.

6. Miss. Bindiya K. Gaude from T.Y.B.A., represented Goa State, 7th Senior National Women Floorball Championship organized by Indian Floorball Federation and Floorball Association of Delhi at DDA Sports Complex, Metro Station, Pitampura, New Delhi.

7. Miss. Anuradha Sugga from S.Y.B.A., represented Goa State for Junior National Judo Championship at Gurgaon, Hariyana.

8. Mr. Aditya S. Parkar from F.Y.B.A., represented Goa State in Cricket Under-19 Cooch Behar Trophy held at Baroda organized by B.C.C.I.

9. Mr. Aaron A. Pereira from T.Y.B.A., represented Goa University West Zone Inter-Collegiate Volleyball (Men) Championship held at Patan, Gujarat & also won Gold Medal in Shotput in Inter-Collegiate Athletic Meet organized by Goa University.

10. Mr. Dessai Vinayak P. from T.Y.B.A. won Bronze medal in Inter- Collegiate Judo Championship organized by Goa University.

11. Mr. Naik Akshay Amresh from F.Y.B.A., won Bronze Medal in Inter-Collegiate Judo Championship organized by Goa University.

12. Mr. Naik Ashish D. from T.Y.B.A. won Gold Medal in Inter-Collegiate Power Lifting Championship & Silver Medal in Best Physique Championship organized by Goa University.

The Inter-Class Tournaments like Cricket, T.T, Badminton, Chess, Football, Volleyball, and Athletics are held to find their skills and talents in sports.

28) ACTIVITIES OF THE GUIDANCE AND COUNSELING UNIT

- ❖ The Counseling Cell of PES's SRSN College aims at enabling students with personal or emotional difficulties develop coping skills to resolve issues. In this academic year the cell provided various services to the students on campus.

29) PLACEMENT SERVICES PROVIDED TO STUDENTS

- ❖ The Career Guidance and Placement Cell organizes a variety of programs to guide students in terms of appropriate career choices and through the placement cell provides them with opportunities for gainful employment.
- ❖ The placement committee receives requests for suitable candidates for various organizations. In consultation with them interactions with the students is organized. Later the interested organizations arrange campus interviews. Call letters are sent to suitable candidates for interviews. It is very satisfying to note that our students respond constructively and a number of students are selected every time. Many institutions collect the database of students from the college and contact the students directly.
- ❖ Some of the reputed organizations who regularly approach are :
 - i. Wallace Pharmaceutical- Ponda
 - ii. Wipro- BPO - Pune and Mumbai
 - iii. GVK Emergency Management and Research Institute(EMRI)
 - iv. Goa Medical College – Bambolim
 - v. Sesa Goa
 - vi. UTC Placement service – Ponda
 - vii. Allanrica Pharmaceutical Placementconsultant, Bhyander(E)
 - viii. LIC of India- Margao
 - ix. Goa Shipyard Ltd.(A Govt of India undertaking)etc.

Date	Institutions/Companies/Factories from whom request received	Brief Summary
12/01/12	Infosys BPO & Infosys Ltd.	For B.A. & B.Sc. Students interviews were conducted
20/01/12	Santoshimata Consultant	Students were informed about the firm

9/03/12	Vedanta Sesa Goa Ltd.	Students were informed
27/04/12 30/04/12	Merk India Ltd.	List of students was submitted
3/05/12	Vedanta Sesa Goa Ltd	Written test and interviews were conducted and 14 students were selected
23/05/12	Chowgule and Company	Students were informed about D.I.P. Plant at Shiroda
7/12/12	Guru school Margao	Career guidance programme on opportunities in banking sector arranged
Jan. 2013	Wipro Technologies	Career guidance programme on opportunities for science students in Wipro Attended by B.Sc. final year students
Jan. 2013	Reliance Capital	Career guidance programme on opportunities in finance sector was arranged 54 students attended the same
Feb. 2013	Apex Packaging Products Pvt.Ltd.	List of 16 male students was provided to the company for various posts
26/02/13	Reliance Capital	Training programme for IRDA exam leading to certification as Financial Advisor on Life Insurance 21 students attended the same
6/04/13	Goa University	Poster displayed and TY. B. A.&B.Sc. students were informed regarding the placement fair to be held at Goa University on 18 th May 13
24/04/13	Jain college Belgaum	Database of final year students was

		provided
March 13	Chowgule college Margao	Poster displayed and students guided regarding PGDCA programme

30) HEALTHY PRACTICES OF THE INSTITUTION

- i. **Attendance:** Every lecture starts with attendance. Students are required to maintain 75% attendance for a month, failing which, students are informed of their irregularity and their names are displayed on notice boards. Mentors of respective students are also briefed about their attendance. Parents/guardians are informed in cases of poor attendance.
- ii. **Teacher-Guide Scheme:** Each teacher is made a mentor of 5 - 10 students .The mentor holds a meeting with students allotted under his/her care keeps certain personal details in his / her possession .The mentor is expected to be a guide to students and they are also suppose to keep in touch with their parents as and when necessary.
- iii. **Assessment of Teachers by Students:** Towards the end of the year the students evaluate their teachers. On the given Performa, they identify the nearest value applicable to their teacher express their opinions and suggestions. These sheets are then given to the respective teachers. The assessment helps the teacher to get a feed back on her/ his teaching and take corrective measures if required.
- iv. **Departmental Meetings:** Every Department holds its Departmental meetings with its faculty members to discuss the agenda for the semester and other matters of academic concern.
- v. **Modern Teaching Aids:** Teachers are encouraged to use modern teaching aids like overhead projector and LCD projector.
- vi. **Personal Identity:** Students have to wear a Identity Card with lanyard around the neck. The color of the lanyard identifies the students to their respective streams.

vii. **Extension Activities:** These include activities carried out through cells, associations and clubs. The college has many cells/associations/ clubs which help students to discover and develop their talents. **These events will feature in the report later.**

1. Arts Forum.
2. Women Cell.
3. Science forum
4. Study circle.
5. Nature Club.
6. Zoology study forum.
7. Red Ribbon club
8. Manthan
9. Botany Colloquium
10. Research and Development Cell
11. Career guidance and Placement Cell.
12. Counseling Cell
13. NSS
14. Microtech Cell
15. The Psychology Cell

16. SPIC MACAY

17. Parikrama

18. Maharashtra Talent Search Examination (MTSE)

viii. Principal's Awards- The best outgoing graduating students From B.A. and B. Sc. are awarded every year by the Principal.

For the academic year 2012-13 **Miss. Prachi G. Joshi (T.Y. B. A. Marathi) from Arts Faculty and Miss Pallavi P. Gaude (T.Y. B. Sc. Physics Entire) from science faculty** were the recipients of the said award.

Seminars/ Workshops: Every department is expected to organize subject update/ Seminars / Workshops to keep in touch with the latest developments in their areas of study.

Guest Lecturers/ Talks: Professionals, experts (specially our ex- students) in various fields are invited to deliver talks to students. These talks expose students to a variety of career options.

Inter collegiate Competitions: Students of the college are encouraged to participate in these competitions for a wider exposure.

Excursions: Local study excursions are organized for student exposure in different disciplines.

Department of Economics – Maintains a record of Articles/Research Papers/ Current News related to economic matters as ready reference for the benefit of students .Discussions are held and counseling is done regarding the performance of students in the semester End Examinations. Students are deputed to participate in intercollegiate competitions concerning Economics Subject.

❖ **Facilities on campus :**

- Photo copying facilities
- Canteen facilities
- Pure drinking water.
- Parking lots

31) College Publications

- ❖ **College Handbook:** It highlights the infrastructure, courses, Academic Calendar, and facilities on campus.
- ❖ **Aditya-** Annual Miscellany
- ❖ **Sanved-** Research Magazine
- ❖ **Educational Aids :** Modern teaching aids are used to enhance classroom learning.
- ❖ **Annual Faculty Picnic:** The annual faculty picnic is organized with the purpose of promoting fellowship among teachers in a very informal situation.
- ❖ **Discipline Committee:** To ensure that students attend lectures, maintain the dress-code, wear their identity cards, and maintain discipline in general while on campus.
- ❖ The Students Council of the College organizes a 3 day festival of inter class competitions called **KALA SANGAM**. This activity promotes students talents, creativity, their skills at shouldering responsibilities, planning, organizing, maintaining discipline of students, spirit of co-operation and competition and accountability.

32) LINKAGES DEVELOPED WITH NATIONAL/ INTERNATIONAL, ACADEMIC RESEARCH BODIES

- ❖ PES's SRSN College has developed linkages some institutions/ organizations/Industries to enable teachers as well as students to avail of facilities offered in these institutions /organizations/Industries to enhance the teaching-learning experience.

The existing linkages are:

PES's SRSN College – National Institute of Oceanography

PES's SRSN College – Indian Council for Agricultural Research

PES's SRSN College – BITS Pilani Goa Campus

PES's SRSN College- Gomantak Ayurvedic College Shiroda

PES's SRSN College- Goa Dairy

PES's SRSN College- NCAOR Vasco

PES's SRSN College- Various departments of Goa University

PES's SRSN College- DSTE(Goa)

PES's SRSN College- Syngenta

PES's SRSN College- German Remedies

PES's SRSN College- Cipla

PES's SRSN College- Ocaasa

PES's SRSN College-CMM

PES's SRSN College- MRF

PES's SRSN College- Nestle India (Usgao)

PES's SRSN College-Wallace Pharma

PES's SRSN College- FDA(Food and Drug Administration Goa)

PES's SRSN College- Department of Animal Husbandary Curti Goa

PES's SRSN College- Pilot Prawn Hatchery Benaulim Goa

PES's SRSN College- Forest Department Goa

PES's SRSN College- Biosciences India Ltd.

PES's SRSN College- Ela Pharm

PES's SRSN College- Shri Aurobindo Society Goa

PES's SRSN College- Science Religion Sangam Goa

PES's SRSN College- Indian Institute of Science and Religion Pune

PES's SRSN College- GCCI

33) MEMBERSHIP OF ACADEMIC AND PROFESSIONAL BODIES

- ❖ Many of our faculty members are BOS / Academic council/PES Employees credit society / Botanical society/AGAZ / Indian Economic Association/Associations related to subjects .Some more events will feature in the report later.

34) DEVELOPMENT PROGRAMMES FOR NON – TEACHING STAFF

- ❖ All non teaching staff attended **Automation of College Office Software** conducted by Mr Shetye on 26th September 2013.
- ❖ Mrs Asha A. Golatkar , Mr Gajanan R. Bhat and Mr Moahanish S. Naik attended five days training programme from 10th to 14th December 2012, sponsored by DoPT Organised by GIRDA Govt. of Goa.

35) PLAN FOR ACADEMIC YEAR 2013-14

- ❖ PES's SRSN College will continue promotion of Education, both academic and moral/ethical for the holistic development of its students.

We propose:

- ❖ Giving priority to excellence in academics, encouraging each student to perform to the best of their ability. For this – the classroom teaching– learning experience will be made more varied through methods like discussion, group activities, guest interactive sessions, LCD presentations and study trips to educational, industrial and financial institutions to provide exposure especially for the regular UG courses.
- ❖ Enhance the students counseling facilities on campus – to provide counseling in both academic and personal.
- ❖ Encourage faculty to undertake major/minor research projects funded by UGC and other research funding agencies.
- ❖ We plan to start Certificate courses in Bio - Ethics, Biosocio- Ethics, Environmental Ethics as there will be need for Philosophical thinking and reflection since there is need for upgradation of Moral Standards and Moral Accountability in medical field as well as Social/ Environmental Concerns.
- ❖ Library facilities will be enhanced with e-database, Purchase of new books, journals and magazines, Invite publishing houses to hold book exhibitions on campus.
- ❖ Promote greater involvement of the Students' Council in assisting and strengthening the Healthy Practices of the Institution.
- ❖ To have ICT and smart classrooms.
- ❖ To start PG programme in Chemistry.
- ❖ To have additional laboratory block for science faculty.
- ❖ Department of Political Science is planning to start diploma course in Human Right Education – An Open Ended Course from June 2014.

PART B

Our department wise activities/achievements during the year 2012-13 (Arts Faculty)

1. DEPARTMENT OF HISTORY

The Dept. of History had passing percentage of 78.26% at T. Y. B. A. Examination of April 2012. The PES ARCHIVES organized the first ever Inter-Collegiate Event for History titled, ERA-2013 (A Tryst with Time) where, competitions like elocution, debate, rangoli, pencil sketch, treasure hunt, skit play, fashion show and the contest for the title of the Mr. ERA and the Ms ERA, all based on History, were held.

Dr. Padmaja V. Kamat (Associate Professor and Head) was awarded **Ph.D. degree** by Goa University for her thesis entitled '**Ponda – A History of Temples**'.

Attended and presented papers in the following seminars and conferences:

- ❖ Presented a Research Paper, titled 'Goan Temples: Symbols of Cultural Annihilation and Resurgence' at the Second Asian Conference on Cultural Studies conducted on June 1-3, 2012, by the International Academic Forum (IAFOR) in the city of Osaka, Japan.
- ❖ Attended a National Seminar on 'Golden Goa: Its Culture through the Ages' organized by the Dept. of History of Carmel College of Arts, Science and Commerce for Women, Nuvem, on August 10, 2012.
- ❖ Presented a Research Paper, titled 'Legendary Temple of Madanant of the Erstwhile Antruz Mahal' at the Third Annual Congress of Konkani Itihas Parishad held on February 2-3, 2013 at Veling.

- ❖ Presented a Research Paper, 'Sources for the History of Temples in Goa' at the XVII th Local History Seminar jointly organized on March 15-16,2013, by the Directorate of Archives and Archaeology, Govt. of Goa and the Dept. of History, Goa University at Panaji.

Dr. Varsha V. Kamat (Associate Professor)

- ❖ Attended a Two days State level seminar on Goan Heritage, Heritage the positive legacy of History, organized by Dhempe College of Arts and Science, Miramar, Panaji in collaboration with Dept of Art and Culture, Govt . of Goa, held on 27th & 28th August 2012 at Science Centre, Miramar.
- ❖ Attended a Two days National level seminar cum Workshop on Education for social change, organized by Xavier Centre for Historical Research, Porvorim & Nirmala Institute of Education, Altinho, Panaji, held on 18th & 19th January,2013, at Xavier Centre, Alto -Porvorim. Attended a Two days National level seminar on Hortus Indicus Malabaricus.
- ❖ Organized by Goa Konkani Academy in collaboration with Directorate of Archives and Archaeology, Govt. of Goa, held on 18th & 19th February,2013, atGoa State Museum, Panaji.
- ❖ Was the local Coordinator for the Two days National level seminar on Konkani through the Ages-Socio-economic and Maritime relevance to Indian History, organized by Gomant Sanvardhan Sauntha, Ponda and Konkani Itihas Parishad,Thana, Mumbai, held on 2nd &3rd February, 2013 at Veling-Mardol, Goa.
- ❖ Presented a paper, titled 'Newspapers as source of History for the study of Hindu Resurgence under the Portuguese Republic, at the Local History Seminar held on 15 & 16 March 2013 organized jointly by Goa University and Directorate of Archives and Archaeology, Govt. of Goa.

- ❖ Arranged a Guest Lecture on 'Need for the protection of Life and dignity of Women in India' by Adv. Ms. Aruna Sanadi, on the occasion of the International Women's Day on 8th March 2013, in the College.

2. DEPARTMENT OF ECONOMICS

The results of the economics students at the T .Y.B.A.(Semester - VI) Examination held in April/May 2012 were good. The overall pass percentage of economics students in the above said examination was 86.41 per cent.

The faculty of the department are actively involved in various academic activities.

Mr. A. V. Bhandiwad (Associate Professor)

- ❖ Attended the 95th Annual Conference of Indian Economic Association at Visakhapatnam, from 27 December to 29th December, 2012.

Dr. J. G. R. Monteiro (Associate Professor and Head)

- ❖ Got a major research project sanctioned by University Grants Commission titled, Measuring Efficiency and Productivity of Seaports in India. He was also elected to the VIII Academic Council of Goa University in the elections held on July 28, 2012.
- ❖ Was invited by the Transport unit of the Department of Economics, University of Mumbai, for a "Round Table Discussions on Governance Issues in Transport", held in Mumbai on January 31 and February 1, 2013. He was a panel member during the discussions on 'Shipping and Ports'.

On February 19, 2013 the Department of Economics of Goa University organized a one day workshop for economics teachers of under-graduate colleges, where in the syllabi at the under-graduate level were reviewed and discussed. Both the

teachers of the department attended the workshop Dr. J. G. R. Monteiro read a paper on the review of Economics- paper V & VI Contemporary Indian Economy.

3. DEPARTMENT OF PSYCHOLOGY

The total pass percentage in the subject of psychology for this academic year was 93.54%.

Prof. Alvita de Souza (Assistant Professor)

- ❖ Attended a one day workshop with 23 students at G.V.M.'s College of Commerce and Economics. The workshop was entitled 'Suicide and its Prevention in Adolescents' and was held on the 6th of September 2012.
- ❖ She also accompanied the students for 'Psychospectrum' an intercollegiate event in Shri Parvatibai Chowgule College of Arts and Science Margao Goa. The students participated in skit, dance and monologue competitions on the theme entitled 'The Child with special needs' and was held on the 20th February 2013. A field trip was organized for the TYBA students (30 Nos.) to the-Institute of Psychiatry and Human Behavior on the 15th of March 2013. It was attended by 60% of the TYBA students. It gave the students a practical idea of the various mental disorders and a sensitization towards disabilities in children. They were also briefed on various Psychotherapies, Psychological Assessment and testing.

4. DEPARTMENT OF POLITICAL SCIENCE

The Department of Political Science is extremely rich in academic potential and enjoys an exceptional reputation in teaching as well as research . The department conducted several extra-curricular activities and programmes like Students Parliament Competition, Certificate Course in Human Rights and miscellaneous academic pursuits.

Dr. Badruddin (Associate Professor and Head)

- ❖ Presented paper on "Indian Diaspora in UAE and Human Resource Management: Political and Economic Identity" at International HR Colloquium and Research Conference: HR Redefined" on August 24-24, at Maharashtra Institute of Technology (MIT) College Management, Pune, India.
- ❖ Presented a paper at international Conference on Business and Management - ARC 2012, Cambridge Institute of Technology, Bangalore, 28-29 December 2012 on "Migration and Globalization of Brain Drain: Status of Indian Community in Indonesia".
- ❖ Presented a paper at International Conference on "Role of Innovation in Business" IFIM Business School, Bangalore, on 16-17 May 2013 Entitled "Diaspora, Remittances and opportunities : A Case Study of Indian Knowledge Workers in Singapore".
- ❖ Presented a paper at International Research Conference on "Innovative Strategies in Commerce, Management Engineering, Technology & Social Sciences", 10-11 June 2013, Shree Damodar College of Commerce & Economics, G. E. Kare Road, Margao, Goa, on "Indian Migrants in Thailand: Remittances, Opportunities and Contemporary Challenges."
- ❖ Presented a paper at National Conference on "Contemporary Issues in Global Business" Don Bosco institute of Technology, Bangalore, 9-10 May 2013 on "Globalization and Indian Democracy: Dilemmas and Opportunities."

Publications:

- ❖ "Migration and Globalization of Brain Drain: Status of Indian Community in Indonesia", in Ravichandran Krishnamurthy (Ed.), Proceedings of ARC-2012, International

Conference on Business Management, Academic Research Publishers (Abu Dhabi, UAE), December 2012 (ISBN No.: 978-0-615- 73960-1).

- ❖ Online E-Book "Indian Workers in Gulf: Issues and Challenges with Special Reference to UAE: Indian Journal of Politics (Aligarh), Vo1.46, Nos.3-4, July -December 2012, pp.300-317. (ISSN: 0303-9957) "Eco-Tourism and Rural Development: A Case Study of Beaches in Goa" in Rais Ahmed, Ed., Tourisms and Rural Management (New Delhi: Regal Publications, 2013). ISBN 978-81-8484- 273-9.
- ❖ "Indian Migrants in Thailand : Remittances, Opportunities and Contemporary Challenges" International Journal of Business, Management and Social Sciences (Pune), Vol. II, Issue 10(1), June 2013, pp. 48-53. (ISSN:2249-7463).

Dr. Aditi Rane (Assistant Professor)

- ❖ Presented a paper on "Peoples Movements in Goa's Liberation Struggle: 1946-1955" between 2nd and 3rd February 2013 at Konkani Itihas Parishad, Veling, Goa.
- ❖ Attended and presented a research paper entitled "Peoples Participation and PRIs in Goa; Post 73rd Amendment Era" at a National Seminar on "Democratic Decentralization in India-Two Decades of Constitutional Amendments; Experiences, Issues and Challenges" on 25th and 26 th April 2013 in the Department of Political Science, School of Social Sciences, University of Hyderabad.

5. DEPARTMENT OF PHILOSOPHY

The T.Y.B.A. result in Philosophy for the academic year 2011-12 was 88.46%.

Dr. K. R. Kunkolienkar and Dr. Anjali Mohan Rao participated in the meetings of the BOS in Philosophy, Goa University and worked as members of the subcommittees for the evaluation and revision of the T.Y.B.A. Philosophy syllabus - August 24 and October 23, 2012. Dr. Anjali Mohan Rao also participated in the BOS meeting for reviewing Postgraduate syllabus in Philosophy and M.Phil. Course in Philosophy, Goa University.

Dr. Kamladevi R. Kunkolienker (Vice-Principal, Associate Professor):

Presented Papers at International Conferences:

- ❖ Research paper on "Sri Aurobindo's integral Yoga: Inner Freedom and Development" at International Conference on "Tradition, Development and Freedom: Hermeneutic Appropriations" organized by CFRVP, U.S.A. and JDV, Pune - August 10-12, 2012.
- ❖ Research paper titled "The Need for Wisdom-oriented Ideal Social Order Governed by Self-knowledge in Sophisticated Techno-World" at International Conference at W-ETE-2012 - Wisdom in the Emergent Technologies Era 2012 (PHEADE2012) held at JDV, Pune - November 1-5, 2012.

Some of the Papers accepted for International Publication and for Presentation

- ❖ Research paper on "Sri Aurobindo's Integral Yoga: Inner Freedom and Development".
- ❖ Research paper titled "The Need for Wisdom-oriented Ideal Social Order Governed by Self-knowledge in Sophisticated Techno-World".
- ❖ Research paper on "Re-interpretation of Protagoras's 'Homo Mensura'" at XXIIIrd World Congress of Philosophy, Athens - August 4-10, 2013.
- ❖ Research paper on "Spiritual Power Direct from the Supreme" on Mother's Life and Philosophy at Sri Aurobindo Ashram, Pondicherry - November - December, 2013.

Presented the following Papers at State-level:

- ❖ Research paper on "Comparative Study of Sri Aurobindo and David Bohm's Holistic Approach" at Aurobindo Society, Panaji - August 20, 2012. November 14, 2012.

Participated in the following National and State level Seminars/ workshops:

- ❖ National Seminar on "Ideology, Values and Society" organized by Centre for Civilizations, New Delhi and Department of Philosophy, Goa University - June 25- 26, 2012.
- ❖ Research paper on "Savitri" at Aurobindo Society, Panaji - for Civilizations, New Delhi and Department of Philosophy, Goa University - June 25- 26, 2012.
- ❖ National level Research Seminar on "Identity Difference and Conflict. Post-Colonia Critique" organized by ACPI at JDV, Pune - October 26-29, 2012.

- ❖ One-day State-level Seminar on "The Discovery of God Particle and the Dialogue at the Frontiers of Science and Religion" organized by IISR, Pune, Sangam, Goa and Fr. Agnel College of Arts and Commerce (Inter-Religious Cell), Pilar Goa - February 8, 2013.
- ❖ One-day State-level Workshop on "Teaching of Philosophy at School Level" organized by Department of Philosophy, Goa University - April 19, 2013
- ❖ Delivered series of lectures on the themes Vivekananda, Sri Aurobindo, J. Krishnamurthi and Dr. S. Radhakrishnan to Japanese students of Nihon University as a part of the Study India Programme of Goa University - November 6 -10, 2012.as Visiting Faculty

Member of Academic Bodies :

- ❖ Subject expert for designing syllabus in Philosophy for IGNOU.-2009 till date.

Dr. Anjali Mohan Rao (Associate Professor and Head):

Participation at State-level Seminars / Workshops:

- ❖ Participated in One-day State-level Seminar on "The Discovery of God Particle and the Dialogue at the Frontiers of Science and Religion" organized by IISR, Pune, Sangam, Goa and Fr. Agnel College of Arts and Commerce (Inter-Religious Cell), Pilar Goa - February 8, 2013.
- ❖ One-day State-level Workshop on "Teaching of Philosophy at School Level" organized by Department of Philosophy, Goa University - April 19, 2013. Chaired the 2nd Session.
- ❖ Meeting for Pre-discussion of Workshop theme "Teaching of Philosophy at School Level" - April 5, 2013.

Visiting Faculty:

- ❖ Taught the Philosophy of Human Rights for the UGC recognized Certificate Course in Human Rights conducted by Department of Political Science, P.E.S.'s S.R.S.N. College of Arts & Science, Farmagudi.

Appointment as Member of Academic Bodies:

- ❖ Member of Board of Studies in Philosophy, Goa University - December 2012 - 2015.

- ❖ Subject Expert on academic Audit Committee (AAC) for Department of Philosophy, Goa University-February 2013.

A talk and an audio visual presentation on Conservation by Kiran Purandare, well known conservationist was arranged for S.Y.B.A. students of Environmental

Ethics under the auspices of '**Manthan**', the Association of Philosophy students of the college in collaboration with Tarun Bharat - December 8, 2012.

6. DEPARTMENT OF MARATHI

Out of 18 Students (combination **16** and Entire **02**) for B.A. Sem. V. & VI Examination, the overall passing percentage was 94% (combination) and 100% (Entire). '**Parikrama**' wall paper and '**PES Vangmay Mandal**', a Literary Association is run by Students of Marathi Department along with Hindi-Konkani Students.

The Department started Audio- Visual C.D. Library, wherein the students can avail the benefits of the Audio- Visual Experience to get an insight to the literature.

Dr. Vidya Prabhudessai (Associate Professor and Head)

- ❖ Presented Papers at Seminar organised by Dept. of Marathi Smt. Parvatibai Chowgule College, Margao titled 'P.S. Narvekaranchya Katha'
- ❖ Seminar organized by Shrimad Sheshshai Pratishtan Savoi, Verem
Vyankatesh Anant Pai Raikar Janmashatabdi Mahostav - titled "Teen Taruni - Ek Akalan"
- ❖ Was appointed Jury for Marathi Elocution Competition organized by Ponda School's Association, Shantadurga Shikshan Samiti etc.
- ❖ Awarded 'Granth Puraskar' by Gomantak Sahitya Parishad for the book titled 'Gomantakiy Marathi Kadambari Aramb te 1990.

- ❖ Has been the Convenor of the Board of Jury for B. B. Borkar Puraskar constituted by the Goa Hindu Association, Mumbai.
- ❖ Got a Minor Research Project Sanctioned by UGC titled 'An Impact of Konkani and Marathi on Malvani Dialect.

7. DEPARTMENT OF KONKANI

The annual orientation course for the newly joined students in the subject of Konkani was conducted on 23, 26 and 27 July, 2012 32 students participated in the 13th Youth Konkani Literary Conference, organised by C.E.S. College, Cuncolim. Many Students participated at Yuva Mahotsav, held at Pernem. Our students presented programme at "Yuvavani" on All India Radio, Panaji, Goa. All the teaching staff actively participated in seminars, workshops etc. organised by various Institutions. Prof. Bhushan Bhawe organised a National Level Seminar on "Hartus Indicus Malabaricus" in February, 2013.

Prof. Bhushan Bhawe (Associate Professor) joined Department of Konkani, Goa University as Research fellow, to pursue his Ph.D. & under F.I.P. Scheme of U.G.C. from 11 March, 2013.

Our department wise activities/ achievements during the year 2012-13 (Science Faculty)

1. DEPARTMENT OF INFORMATION TECHNOLOGY

Information Technology in a compulsory paper for F.Y.B.A./F.Y.B.Sc. The total student strength for the subject is more than 300.

Ms. Mita N. Amonkar (Associate Professor)

Participated in the following academic programmes held at various places during the academic year 2012-2013.

- ❖ Participated and attended workshop on Review of Revised IT Syllabus' on 9th October. 2012
- ❖ Participated in Ramanujan @ 125, memorable lectures, organised by Vidnyan Parishad, Goa at Goa Science, Miramar on 11th December 2012.
- ❖ Attended a National Symposium on "Mathematics and its Application" on 11th & 12th January 2013 organised by G.V.M's, Gopal Govind Poy Raiturcar College of Commerce and Economics, Ponda – Goa
- ❖ Participated and Attended Two-days Workshop an of Mathematical Software' organised by Goa University on 22nd & 23rd February 2013 respectively.
- ❖ Participated and Attended 'Awareness e-Governance plan (NeGP)', a flagship initiative of Government of India, on 15th March 2013, organised by Goa University in association with the Department of Electronics and Information Technology. New Delhi.
- ❖ Attended two-days National Conference on 'The Frontiers of Mathematics and Some recent advancement in Mathematics organised by School of Mathematics and Computing Science, Department of Mathematics, Rani Chanamma University, Belgaum, on 26th and 27th March 2013 respectively.

2. DEPARTMENT OF PHYSICS

T.Y.B.Sc results were excellent in the subject with (Six units) two distinction and six first class with 100% result at the T.Y.B.Sc. Examination conducted by Goa University in April/May 2012.

Dr. Girish V.S. Kundaikar, (Associate Professor and Head)

- ❖ Was awarded Ph. D.degree by Goa University, His research was in the field of Nano-magnetic material. The title of thesis is "**Electrical and magnetic properties of nano-particle Mn-Zn ferrite obtain from Novel method of Synthesis**" .

- ❖ Participated and presented a paper in the International conference "Nanocon 012" on Nanotechnology-Innovative material processes, products and application organized by Bhartee Vidyapeeth University, Pune in October, 2012.

- ❖ **Dr. Satish H.P. Keluskar, (Associate Professor)**

Attended a two days workshop on Statistical Mechanics organized by IAPT in collaboration with BITS Goa campus.

- ❖ **Mrs. Mandakini G. S. Kundaiker (Associate Professor)**

Attended a International Conference "Nanocon 012" organized by Bhartee Vidyapeeth University, Pune. Goa Science Centre has organized exhibition on Lasers to commemorate the 150th years of celebration of Invention of laser. Staff members of Department of Physics visited Goa Science Centre, Panaji along with S.Y./T.Y. B.Sc. Students during the time of exhibition. Dr. Girish V.S. Kundaikar and Mrs. Mandakini G.S. Kundaikar attended workshop on T.Y.B.Sc. Practical Syllabus organized by Dhempe College, Panaji - Goa in March, 2013.

3. DEPARTMENT OF MICROBIOLOGY

Students of T.Y.B.Sc. Microbiology secured fourteen distinctions, six first classes and one second class at the April 2012 examinations. The Department has an ongoing Major Research Project entitled 'Studies on phosphate solubilizing halophiles and alkaliphiles from marine and coastal ecosystems as potential biofertilizers for saline soils' funded by Ministry of Earth Sciences, Government of India, New Delhi for Rs. 11, 87,060/- for a period of three years (2010-2013) with Dr. Sunita Borkar as P.I Dr. Carolina F. E. Fernandes as Co-PI and Ms. Neha Prabhu as JRF .

A Minor Research Project entitled "Exopolysaccharides from hypersaline habitats" funded by the University Grants Commission with Dr. Carolina F. E. Fernandes as Principal Investigator and Dr. Sunita Borkar as Co-PI has been successfully completed.

Dr. Carolina F. E. Fernandes (Associate Professor and Head)

- ❖ Participated and attended one day Seminar on 'Towards a healthier life –World Zoonosis Day' at ICAR Research Complex for Goa, Ela, Old Goa on 6th July, 2012.
- ❖ Attended a talk by Mr. Sairaj Dhond on 'Solar energy as alternative' at PES's SRSN College on 8th September 2012.
- ❖ Attended a talk by the eminent Scientist Dr. S. Shivaji, Centre for Cell and Molecular Biology, Hyderabad on 'Cold Loving bacteria from Antarctica and Arctic: Occurrence, Survival and Usefulness', on 5th October, 2012 organized by Department of Biotechnology of Parvatibai Chowgule College of Arts & Science, Margao, Goa.
- ❖ Participated and attended one day Seminar on 'Duties, Rights and Privileges of Teachers in Higher education under Sixth Pay Commission' organized by UCTAG unit of Fr. Agnel College, Pilar in association with Central UCTAG on 6th October 2012.
- ❖ Participated and attended two days State Level Workshop on 'Applications of Bioinformatics' on 4th and 5th January 2013 organized by Department of Biotechnology of Parvatibai Chowgule College of Arts & Science, Margao, Goa.
- ❖ Attended a talk by Mr. Kiran Purandare on 'Environment Conservation' at PES's SRSN College on 18th January 2013.
- ❖ Co-guide of Ms. Sanika Naik Ph.D. student in Microbiology at Goa University.
- ❖ Accompanied students of B.Sc. Semester II, Semester IV and Semester VI participating at the inter-collegiate Biotech event 'Synapse' on 12th December 2012, organized by Department of Biotechnology of Parvatibai Chowgule College of Arts & Science, Margao, Goa.

Dr. Sunita Borkar. (Associate Professor)

- ❖ Attended a talk on "Cold loving bacteria from Antarctica and Arctic: Occurrence, survival and usefulness" by Dr. S. Shivaji, Sr. Scientist, Centre for Cell and Molecular Biology, Hyderabad on 5th October, 2012.
- ❖ Attended "Nanocon 2012" - 2nd International Conference on Nano technology - Innovative materials, process, products and applications" organized by BVU in Pune on 18th - 19th October 2012.
- ❖ Authored a paper entitled "Alkaliphiles from Coastal Ecosystems as Plant Growth Promoting Bacteria" at 53rd International Conference organized by Association of Microbiologists of India at KIIT University, Bhubaneswar, Odisha from 22nd - 25th November 2012.
- ❖ Participated in a two days State level workshop on "Applications of Bioinformatics" on 4th - 5th January, 2013, organized by the Department of Biotechnology, Chowgule College, Margao in association with Department of Science, Technology and Environment, Govt. of Goa.
- ❖ Delivered a lecture on EM technology in Microbiological liquid and solid waste management" to M.Sc. part II Microbiology students at Goa University on 5th February 2013.
- ❖ Participated and presented a paper on "Impact of Phosphate Solubilizing halophile from Coastal Ecosystem of Goa on growth of *Oryza sativa* in saline soil" at National Conference on plant sciences organized by Department of Botany, Chowgule College from 7th to 8th February 2013.
- ❖ Authored a paper entitled "Potentials of Alkaliphiles from Coastal Ecosystems of Goa as Plant Growth Promoting Bacteria" which was selected as best paper at National

Conference on plant sciences organized by Department of Botany, Chowgule College from 7th to 8th February 2013.

- ❖ Accompanied B.Sc. Industrial Chemistry students for a study tour to "West Coast Paper Mill Ltd" at Dandeli, Karnataka on 22/2/2013.
- ❖ Attended National Conference on "Emerging trends in Biosciences and Bio Industry" organized by Departments of Sciences, Brindavan College, Bangalore- India on 22nd March, 2013.
- ❖ Member of Board of Studies in Microbiology.
- ❖ Co-guide for two students doing their Ph.D. in Microbiology.
- ❖ Principal investigator of ongoing Major Research Project.

Ms Flory Pereira (Assistant Professor)

- ❖ Attended a talk on "Cold loving bacteria from Antarctica and Arctic: Occurrence, survival and usefulness" by Dr. S. Shivaji, Sr. Scientist, Centre for Cell and Molecular Biology, Hyderabad on 5th October, 2012.
- ❖ Participated and attended a two day State level workshop on Applications of Bio informatics on 4th and 5th Jan. 2013 organized by Dept. of Biotechnology, Chowgule College, Margao in association with DSTE, Goa.
- ❖ Participated and presented a poster at the ASEAN-India Marine Biotechnology Workshop at NIO from 19th-22nd March, 2013 entitled 'Bioremediation potential of metal stressed bacteria from a solar saltern', organized by NIO in association with SCMSAT of ASEAN countries and India.

Paper Publications:

- ❖ Flory Pereira, K.P.Krishnan, Savita Kerkar and Rupesh Kumar Sinha (2012):

Insights on metal-microbe interactions in *Bacillus* spp. and *Chromohalobacter* sp. from a solar saltern". *J of Ecobiotechnology*, 4(1): 14-24.

- ❖ Flory Pereira, Savita Kerkar and K.P.Krishnan (2012): "Bacterial response to dynamic bacterial concentrations in the surface sediments of a solar saltern (Goa, India)" *Env. Mon. and Assess. Syst.* DOI :10.1007/S 10661-012-2814-7.
- ❖ Flory Pereira and Joe D'Souza (2012): "Solid waste management using indigenous microorganisms", in *Proceedings of the International Conference on Ecotoxicology and Environmental Sciences*, Vol 1:167-173.

Ms. Neha Prabhu (Assistant Professor)

- ❖ "Presented a Poster entitled "Alkaliphiles from coastal ecosystems of Goa as plant growth promoting bacteria" presented at International Conference on "Microbial Biotechnology for Sustainable Development" organized by 53 Annual Conference of Association of Microbiologists of India (AMI) from November 22-25, 2012 at KILT University, Bhubaneswar, Orissa, India.
- ❖ Participated in an interactive session on "Human resource development and opportunities in agriculture and allied sectors" organized by Human Resource Development Cell. ICAR Research Complex for Goa on 23rd October, 2012 at Old Goa.
- ❖ Participated and authored a paper on "Impact of Phosphate Solubilizing halophile from Coastal Ecosystem of Goa on growth of *Oryza sativa* in saline soil" at National Conference on plant sciences organized by Department of Botany, Chowgule College from 7th to 8th February 2013.
- ❖ Participated and Presented a paper entitled "Potentials of Alkaliphiles from Coastal Ecosystems of Goa as Plant Growth Promoting Bacteria" which was

selected as best paper at National Conference on plant sciences organized by Department of Botany, Chowgule College from 7th to 8th February 2013.

- ❖ Attended National Conference on "Emerging trends in Biosciences and Bio Industry" organized by Departments of Sciences, Brindavan College, Bangalore - India on 22 March, 2013.

4. DEPARTMENT OF MATHEMATICS

Dr. Milind N. Kulkarni(Associate Professor and Head)

- ❖ Attended One week "International Workshop on Complex Analysis and Applications" held during June 11-15 at Walchand College of Engineering,Sangli sponsored under TEQIP-II and NBHM.
- ❖ Attended one day seminar on "Syllabus at undergraduate courses" in Goa University on 29/09/2012.
- ❖ Attended One day National Seminar on "Duties ,Rights and Privileges of Teachers in Higher Education under VI pay" organized by Fr. Agnel College, Pilar, on 06/10/2012.
- ❖ Attended "Ramanujan@125", memorable lectures at Goa Science Centre, Miramar on 11/12/2012 organized by Vignyan Parishad, Goa.
- ❖ Worked as Judge at the zonal level Science Seminar 2012 on the topic "Mathematics in India: Past, Present and Future" organized by State Council of Educational Research and Training.
- ❖ Participated in the workshop "Free mathematical Software" organized by Department of mathematics, Goa University on 22/02/2013 and 23/02/2013.
- ❖

Ms. Sweta Govekar(Assistant Professor)

- ❖ Attended one day seminar on "Syllabus at undergraduate courses" in Goa University on 29/09/2012.
- ❖ Attended "Ramanujan@125", memorable lectures at Goa Science Centre, Miramar on 11/12/2012 organized by Vignyan Parishad, Goa
- ❖ Attended a National Symposium on "Mathematics and its Applications" on 11-12 January 2013 at G.V.M.'s Gopal Govind Poy Raiturkar College of Commerce and Economics.
- ❖ Participated in the workshop "Free mathematical Software" organized by Department of Mathematics Goa University on 22/02/2013 and 23/02/2013.

Mrs. Mita Amonkar(Associate Professor)

- ❖ Attended "Ramanujan@125", Memorable lectures at Goa Science Centre, Miramar on 11/12/2012 organized by Vignyan Parishad, Goa.
- ❖ Attended a National Symposium on "Mathematics and its Applications" on 11-12 January 2013 at G.V.M.'s Gopal Govind Poy Raiturkar College of Commerce and Economics.
- ❖ Participated in the workshop "Free Mathematical Software" organized by Department of mathematics Goa University on 22/02/2013 and 23/02/2013.

5. DEPARTMENT OF CHEMISTRY

The Academic year started on 18th June 2012. The result of T.Y.B.Sc Examination is as follows 74 students with Six Units Chemistry appeared for the Exam out of which 66 were declared as successful with passing percentage of 89.18 %. The result of 3 Units students was 100 % (14 appeared and all 14 passed)

1. Dr. Vikas J. Pissurlekar(Associate Professor and Head)

- ❖ Dr. Vikas J. Pissurlekar was sanctioned a minor research project by UGC for Rs.1, 70,000/-.The project titled Synthesis, characterization and magnetic study of some soft mixed metal ferrites in April 2012
- ❖ Elected as member of Academic Council of Goa University for a term of two years 2012-2014.
- ❖ Nominated as member on standing Committee of Academic Council for a period of two years 2012-14.
- ❖ Visited different Colleges as a member of Affiliation Inquiry Committee of Goa University.
- ❖ Attended a One day Meeting on Rashtriya Unchatar Shiksha Abhiyan (RUSA) organised by Directorate of Higher Education Govt. of Goa. on 5th April 2013.

2. Dr. S. D. Gokakakar(Associate Professor)

- ❖ Had a publication of his Research Paper titled "Thermal studies of metallaporphyrins with metals in different oxidation states in Journal of thermal Analysis & Calorimetry. 1129 {2013} 11-15.

Students Activity

The students of the Dept. participated in the 7th Inter-Collegiate T.Y.B.Sc (Chemistry Symposium) held on 9th March 2013.The students of T.Y.B.Sc participated in the Inter-Collegiate Chemistry Quiz organised by Chowgule College, Margao on 14th Feb. 2012. and won first prize.

The students are Mr. Govind Bandekar , Mr. Santosh Shinde, Mr. Vaibhav Naik and Ms. Richa Naik Dessai.

6. DEPARTMENT OF BOTANY

In the past years Botany Department has witnessed many changes. The changes were for the progress and the betterment of the Department. With the sincere and kind help for the progress and the betterment of the Department. With the sincere and kind help from the Chairman, Shri. Ravi S. Naik and the other management members the Department got two very spacious and independent working place-one in the form of Botany laboratory and another in the form of research laboratory cum staff room. The Departmental results were excellent at all levels of the undergraduate course. Our Faculty members are associated with the Botanical Society of Goa and are life members of the same.

The activities/achievements of the faculty members are as follows:

Dr. Sima V. Kamat(Associate Professor)

- ❖ Attended two day National Conference on Plant Sciences organized by Parvatibai Chowgule College Margao on 7th and 8th Feb. 2013.
- ❖ Has written environmental awareness articles on the daily news paper Times of India on 'Wetland Goa's Rich and dying ecosystem' and 'Aquatic weeds to the rescue' published on 3rd and 19th April 2013 respectively.
- ❖ Judge for all Goa Inter-Higher Secondary school Competition on Environmental issues organised by S. S. Samiti's Higher Secondary School.

Mrs. Ranjita U. Sawaiker(Assistant Professor)

- ❖ Attended two day National Conference on Plant Sciences organized by Parvatibai Chowgule College, Margao on 7th and 8th Feb. 2013.
- ❖ Attended Meeting of all Botany teachers to discuss regarding the Botany curriculum at Goa University on 12th Jan. 2013.

- ❖ Attended Workshop on 'Enhancing Educational Process Effectiveness Through Benchmarking' organized by IQAC, Goa University in association with CII Institute Bangalore, on 22nd and 23rd March 2013 at Goa University.

Mrs. Bhagyashri Halarnkar (Assistant Professor)

- ❖ Attended two day National Conference on Plant Sciences organized by Parvatibai Chowgule College, Margao on 7th and 8th Feb. 2013.
- ❖ Attended meeting of all Botany teachers to discuss regarding the Botany curriculum at Goa University on 12th Jan. 2013.

Ms. Lynette Fernandes (Assistant Professor)

- ❖ Attended two day National Conference on Plant Sciences organized by Parvatibai Chowgule College, Margao on 7th and 8th Feb. 2013.
- ❖ Attended Meeting of all Botany teachers to discuss regarding the Botany curriculum at Goa University on 12th Jan. 2013.

S. Y. B.Sc. Botany Field Trip

During the Academic year 2012-13, the first Field Trip was arranged in the P.E.S. Campus. F. Y. B.Sc. students studied the flora of P.E.S. Campus. The S.Y. B.Sc. Botany students were taken for 2 local field trips and one long excursion. During the 3rd Semester, the local field trip was arranged at Ela farm, Old Goa where the students were taken out for a tour of the experimental plots of various crops plants, and then they visited the soil testing laboratory and Mushroom cultivation technique.

The 2nd local field trip for the F.Y. B.Sc. & S.Y. B.Sc. was arranged at Satpal Arboratum, Sacorda on 10/02/2013 where they studied the method of biodiversity conservation. Ms Dakshata Lambor the forest officer briefed the group about the Arboratum and the type of plantation.

The S.Y.B.Sc. Botany long trip was arranged at **Amboli and Vengurla** from 22/ 11/12 to 24/11/12. On 22/11/12 the group visited Regional Fruit Research Centre, Vengurla. At Amboli the group studied the Flora through their visits to Mahadevgad, Hiranyakeshi and Kavlesad Points and the Garden with Medicinal Plants. The S.Y.B.Sc group was

accompanied by Mrs. Ranjita Sawaikar, Mrs. Bhagyashri Halankar, Mrs. Lynette Fernandes. The F.Y.B.Sc students were accompanied by Dr. P. Bhattacharya and Dr. Rupali Bhandari.

❖ **Visit to West Coast Paper Mill Dandeli (Karnataka)**

This paper mill is one of the oldest and known Paper Manufacturing Unit of India is the West Coast Paper Mill of Dandeli Karnataka located near the Kali River in the lush green forest of the Western Ghats. A field trip was organized by the our College to Dandeli on 21st February, 2013. A group of 29 students from Industrial Chemistry and Botany were accompanied by Dr. P. Bhattacharya, Dr. Sunita Borkar, Dr. S. D. Gokakakar, Dr. B. L. Malik and Shri V.S. Dangui. Mr. Sheikh, PRO (Public Relation Officer), was deputed for the group to show the various sections in the Paper Mill. The group visited Ganesh Gudi Dam and the hydroelectric power plant.

❖ **Visit to NCAOR - National Centre for Antarctic and Ocean Research**

On Thursday, 11th April, 2013, the T.Y.B.Sc(Botany) students visited National Centre for Antarctic and Ocean Research (NCAOR) - a centre under the Ministry of Earth Sciences, Govt. of India, located at Headland Sada, Vasco-Da-Gama. Dr. P. Bhattacharya and Dr. Rupali Bhandari accompanied the group. Dr. M. V. Ramesh, the Scientist cum PRO, took the group to the Auditorium and informed us about the functioning of the Research Centre.

7. DEPARTMENT OF ZOOLOGY

The Department of Zoology which was based in the old building was shifted to the new premises with space for two laboratories and also a small biotechnology laboratory. The performance of the students for V and VI semester examination was excellent with 100% result.

Zoology Study Forum, a subject association of the Department organized a Snake show by Shri. Amrut Singh of the Animal rescue squad, Bicholim. The wall paper "Mayur" was released as a periodic activity by the students of the association. A talk by Dr. Manoj

Borkar was organized on 4th September, 2012. A talk on Solar Energy was organized on 8th September, 2012

Regular field trips for different classes were organized as specified in the syllabus. Semester I and II - Dr. A.V. Deshpande and Mrs. Teja A. Gramopadhye. Two local trips were organized. Goa Dairy, Ponda where the students were exposed to process of milk procurement and processing it into milk products. Goa Science Centre, where the students acquainted themselves with the different aspects of science particularly oceans and oceanic phenomenon. They also witnessed a show at the planetarium and a 3 'D' Show on nature.

Semester III and IV - Dr. S. H. Bhosale and Dr. (Mrs.) Deeparani Prabhu

Two local field trips were conducted:

1. A visit to Primary Health Centre, Madkai where students were exposed to the General hygiene and fertility control measures adopted.
2. A visit to Bondla Wild Life Sanctuary on 9th December, 2012. Shri Kamuprakash, ACF, Government of Goa, delivered a talk on wildlife and explained steps taken for the conservation of wildlife in Goa. A Snake show was also organized. A long field trip was conducted to Malvan.. The stUdents visited Vigyan Kendra, Bibwane. The fish landing at Malvan was very useful. A visit to Emu farm and Tarkarli beach. Students also visited the Sindhudurg fort where they could study Rocky fauna. Semester V and VI - Shri. G.P.P. Khanolkar and Dr. (Mrs.) Deeparani Prabhu The following three short trips were organized.

1. A visit to a fish farm at Keri Sattari, where students got acquainted with fish farming and induced breeding of Exotic carps.
2. A visit to NIO where students got valuable information about marine ecology and oceanography.
3. A visit to NCAOR was organized and fishery survey of India on 19th September, 2012. A long trip for the students to Mumbai was also organized. The students visited Central Institute Research Centre, Versova. They also visited Sanjay Gandhi National Park, Borivali, Haffkine Institute, Parel, National Institute and Research in Reproductive Health and also visited Bombay Natural History Society.

The staff members of the Department are actively engaged in research. Dr. S.H.Bhosale and Ms. Deepa Fernandes are conducting a project on "Biodiversity of Soil dwelling microarthropods of Goan mangroves'.

- ❖ **Mrs Susan Marcos(Associate Professor)** – Is member of Women Society of Christian Service
 - ❖ **Dr. S.H. Bhosale(Associate Professor)** - member of working committee of Matruchaya, Vice president of Surnandan Bharati.
 - ❖ **Shri. G.P.P. Khanolkar (Associate Professor)** - attended two days National Seminar at Kudal.
 - ❖ **Dr. S.H. Bhosale (Associate Professor) and Shri. G.P.P. Khanolkar(Associate Professor)** along with the students attended the lecture series organized by Parvatibai Chowgule College, Margao.
 - ❖ **Mrs. Teja Gramopadhye(Assistant Professor) and Dr. S.H. Bhosale (Associate Professor)** are working on 'Antifaunal diversity in Bondla Wildlife Sanctuary'.
- All the staff members attended a two day workshop organized by Goa University for revision of Zoology undergraduate syllabus on 13th and 14th October, 2012.
- ❖ **Mrs. Teja Gramopadhye - Is A member of Ornithological Society of India.**

❖ **College Cultural Activities**

The Student's Council and cultural Committee for academic year 2012-13 consisted of the following:

1. TEACHING STAFF MEMBERS

Shri. Sandip Lotlikar- Chairman

Dr. A. S. Tilve- Cultural Advisor

Ms. Brenda Souza - Member

Ms. Ranjita Sawaikar - Member

Dr. J. G. R. Monteiro - Member

Mr. Deepak Chatre - Member

Ms. Mandakini Kundaiker - Member

Dr. M. N. Kulkarni – Gymkhana Advisor

2. STUDENT REPRESENTATIVES

Mr. Rohit Bandodkar - General Secretary

Mr. Firoz Shaikh - Cultural Secretary

Ms. Aarti Naik - Ladies Representative

The various Cultural Events/Competitions organized by our College during the academic year 2012-13 were as follows.

1. Patriotic Song Singing Competition : 14th Aug. 2012.
2. Kala Sangam 2012 : Three days Cultural Festival of College, 13th to 15th Dec.2012.

The following competitions were held during this event.

- **INTERCLASS COMPETITIONS (GROUP CATEGORY)**

1. Mime Act with music
2. Antakshari
3. Skit
4. Quiz
5. Fashion Show
6. Debate
7. Singing
8. Group Dance
9. Treasure hunt
10. Mute Band Show

- **COMPETITIONS IN INDIVIDUAL CATEGORY**

1. Monologue
2. Fancy Dress
3. Rangoli
4. Photography

5. Soap & Vegetable carving
6. Solo Dance
7. Face Painting
8. Singing
9. Best out of waste
10. Poster Painting
11. Kavya vachan
12. Mehendi
13. Flower Arrangement

Besides the College activities, our students participated in the inter collegiate "Ekankakika Spardha" organised by Kala Academy, Panaji-Goa and won various Prizes.

- **ONE ACT PLAY COMPETITION**

3rd Prize - 'Yugau Yuge Zurte Mi'

1st Prize for Best Actress - Ms. Pooja Salgaonkar.

1st Prize for Best Music - Shri. Vishnu Naik

3rd Prize for Direction - Shri. Vishnu Naik

Certificate for Acting : Vijayendra Kawalekar

The Annual Social Gathering of the College was held on 21st Dec. 2012.

Shri. Shantaram Naik, Member of Parliament, Rajya Sabha was the Chief Guest for the function.

❖ **N.S.S. Activities**

N.S.S. Committee

Dinkar M. Desai - Programme Officer

Dr. Pradeepesh Bhattacharya- Co-Programme Officer

Mrs. Mita N. Amonkar- Member

Dr. Padmaja Kamat - Member

Mrs. Uma J. Priolkar - Member

Mr. V. S. Dangi - Member

Mrs. Anuradha B. Kanolkar - Member

Dr. Subhash H. Bhosale – Member

CELEBRATION OF DAYS OF NATIONAL IMPORTANCE

❖ **INDEPENDENCE DAY**

- Orientation programmes organized for NSS volunteers.
- Inter class patriotic singing competitions (group and solo) are organized for the students.
- After flag hoisting campus field trips are organized by subjects like Botany and Zoology.
- Release of wall papers like **PARIKRAMA** (Marathi dept.), **PRAVARDHAN** (Botany dept.), **MAYUR** (Zoology dept.).

❖ **GANDHI JAYANTI**

Campus Cleaning activities are taken up by NSS Volunteers.

❖ **GOA LIBERATION DAY**

After flag hoisting, Hike / Tracking is organized for NSS volunteers.

❖ **REPUBLIC DAY**

After flag hoisting, Exhibitions /Wall papers activities are held on this day.

❖ **ARMED FORCES FLAG DAY FUND**

Fund is collected by the staff and students and is handed over to SAINIK WELFARE BOARD PANAJI.

❖ **Orientation for N.S.S. Volunteers**

Orientation programme for the N.S.S. volunteers was organized in the first week of July, 2012.

❖ **Tree Plantation Programme**

Tree Plantation Programme was organized on 14th August, 2012 on the college Campus.

❖ **Visit to Non-Government Organizations**

- A. **Matruchaya**, Orphanage at Dhawali; Ponda, Goa.- This organization takes care of orphans. Visit was organized for the volunteers on 26th August, 2012.
- B. **Sanjeevan**, at- Bandora; Ponda, Goa. This organization provides lodging facility for the young working ladies and old, invalid ladies. Visit was organized for the volunteers in the month of September, 2012.

❖ **Blood Donation Camp**

A blood donation camp was organized in association with the Goa Medical College.

❖ **Participation in Road Safety Week**

N.S.S volunteers around sixty in number from the First and Second Year B.Sc participated in the Road Safety Week organized by the Directorate of Transport on 03rd September, 2012 at K. T. C. bus stand, Ponda - Goa.

❖ **College campus cleaning**

On the occasion of Mahatma Gandhi Jayanti, cleaning of the college campus was carried out.. During this activity, cleaning of the class rooms, corridors were done. Also de weeding of the college playground was done.

❖ **Lecture on the life and teachings of Swami Vivekananda**

On the occasion of 150th Birth Anniversary of Swami Vivekananda, the lecture was organized on the life and teachings of swamiji in January, 2013 by Shri. Prakash Dessai who is associated with Swami Vivekananda Society, Kanyakumari, Tamil nadu.

❖ **Plastic recycling activity**

In the plastic recycling activity, each N.S.S volunteer was asked to submit two hundred and fifty empty plastic milk packets of any brand properly washed and dried. This activity was held in both the terms of the academic year. It is a matter of satisfaction and pride to state that more than three lacks of plastic milk packets weighing around five hundred fifty Kilogram were collected by the N.S.S volunteers during the academic year and it was sent for recycling to Kundaim Industrial Estate.

❖ **Annual N.S.S Camp**

Annual N.S.S. camp was organized at Shree Shantadurga Kunkolikarin Devasthan, Fatorpa; Kunkalim- Goa from 23rd to 29th December, 2012. Seventy five N.S.S volunteers (Girls – 55 and Boys -20) participated in this camp. During the camp, cleaning of the Devasthan Prakar', watering the plants and trees on the premises of the Devasthan were regularly carried out. Beside this, cleaning of the Prakar of Shree Shantadurga Kunkolikarin Devasthan and Shree Bhumi Purush Devasthan of the Fatorpa village were also carried out. One of the camp days trekking was organized for the volunteers around the Fatorpa village. Three lecture sessions were organized during the camp. N.S.S volunteers helped the cook to prepare wholesome breakfast and meals during their stay at the camp site. Variety entertainment programmes were organized by the volunteers at night.

❖ **PES COUNSELING CELL**

The Counseling Cell was established in the year 2010. It provides out career and counseling services to the students as well as their parents. The Counselor, Ms. Anarkali Shirodkar handled cases of different types related to academic and personal problems. This year the counseling cell provided a unique and innovative service of counseling those students who failed and performed poorly in the semester end examination. They were motivated to perform better and were equipped with the psychological skills to be resilient to stress and were checked for progress with follow up sessions. These Counseling sessions were free of cost and proved to be fruitful to many students, parents as well as teachers.

❖ **STUDENTS COUNCIL**

The student's council of the college for the academic year 2012-13 was elected on 10th August, 2012 under the guidance of the council's chairperson Mr. Sandeep S. Lotlikar, other teacher members of the students council were:

Dr. A. S. Tilve (Cultural Advisor)

Dr. M. N. Kulkarni (Gymkhana Advisor)

Ms. Brenda Souza

Ms. Ranjita Savaikar

Dr. J. G. R. Monteiro

Mr. Deepak Chattrre

Ms. Mandakini Kundaikar

Mr. D. M. Dessai.

Following students were elected to the Council.

Mr. Rohit V. Bandodkar General Secretary

Mr. Arron A. Pereira Gymkhana Advisor

Mr. Firoz H. Shaikh Cultural Secretary

Ms. Arti G. Naik Ladies Representative

Mr. Devanand M. Naik Class Representative - (T.Y.B.Sc.)

Ms. Durga P. Nabar - (S.Y.B.Sc.-B)

Mr. Domnic Savio P. Dais " - (S.Y.B.Sc.-A)

Ms. Parvati S. Kshirsagar " - (F.Y. B.Sc.-C)

Ms. Sailli S. Kamat " - (F.Y.B.Sc.-B)

Mr. Atul U. Chari " - (F.Y.B.Sc.-A)

Mr. Dattaram Fale " - (T.Y.B.A.)

Mr. Sachin D. Naik " - (S.Y.B.A. - B)

Mr. Nitin R. Purohit " - (S.Y.B.A. - A)

Ms. Nisha K. Lodhiya " - (F.Y.B.A.-C)

Mr. Sarvesh V. Sawant " - (F.Y.B.A.-A)

Mr. Shivanand Mamlekar " - (F.Y.B.A.-B)

The Council was inaugurated by the President of Ponda Education Society, Shri. Ravi S. Naik on 14th Aug, 2012. This was followed by Patriotic Singing Competition. The Council arranged Three days Kala Sangam from 13th December, 2012 to 15th December, 2012 where in different co-curricular and cultural events were organised for the overall development of the Students.

A Farewell to the outgoing students of the T.Y.B.A. & T.Y.B.Sc. was organized on 20th March, 2013.

Activities of Various Fora/ Subject Associations

❖ ZOOLOGY STUDY FORUM

Zoology Study Forum is a platform provided to the students by the Dept. of Zoology to showcase their talents, also it gives them an opportunity to meet eminent personalities and know about the emerging trends in the subject of Zoology. For the academic year 2012-13 the initiation of activities was carried out by release of "**Mayur**" a wall paper designed & compiled by the student members of the association on 15th Aug. 2012 at the hands of Shri. R. G. Desai the Treasurer of Governing Council of PES. A talk on "**Research opportunities & Scope of Zoology**" was delivered by Dr. Manoj Borkar, Associate Prof. Carmel College for Girls, Nevem Margao on 4th Sept. 2012. This was followed by a talk on Solar Energy an Eco friendly option by Shri. Sairaj Dhond of sunrich solars on 8th Sept 2012. The said talk was organised in collabration with "**Science Forum**" of our college. The second issue of wall paper "**Mayur**" was released on 26th Jan. 2013 at the hands of Shri. Ritesh R. Naik the Secretary of Governing Council of Ponda Education Society. A Snake show was organised on 8th Feb. 2013. by Shri. Amrut Singh, President of the Animal Rescue Squad, Bicholim at the Vivekananda Hall. This show had a large audience comprising of staff & students from all faculties. Poisonons & Non Poisonous shane & their identification was presented by Shri. Amrut Singh. Live snakes were handled & shown by him & his team.

❖ SCIENCE FORUM

A lecture was delivered by Dr. (Mrs.) Deeparani Prabhu on the topic- "**Biological control of Insect Pests and vectors**". The lecture was held on 30-8- 2012 in the college seminar hall and was largely participated. Dr. S. H. Bhosale contributed the knowledge of Biological control of Insect pests and vectors. On 8th September, 2012, a talk on '**Solar Energy an Eco friendly option**' by Shri. Sairaj Dhond of Sunrich Solars for our students and staff was organized in the library seminar hall from 11.30 a.m. to 12.15 p.m. under the auspices of 'Science Forum' and 'Zoology Study Forum' of our college.

❖ **SURVIVAL NATURE CLUB**

The Survival Nature Club of the college is a platform for students for nature awareness and environmental education. The year began with a membership drive by organizing talks on nature club activities. The Survival Nature Club activities for this year began with the initiation of club activities on 13th August 2012. The initiation was a Tree Plantation programme by the President of Ponda Education Society, Shri. Ravi S. Naik, Ex. Chief Minister of Goa. Ms. Pooja Vishwakarma participated in All Goa Poster competition, held by Nature club of Govt. College of Arts and Science, Khandola. A bird watching trip was also organized to Borim which was attended by Survival Nature Club members.

❖ **BOTANY COLLOQUIUM**

Botany Colloquium is a subject association of Dept. of Botany. Through this Association the students of Botany are exposed to new vistas in plant and environmental sciences. Guest lectures, exhibitions are held for the benefit of the students. Matter related to environmental & plant science is collected by the B.Sc. Botany Students & the same is released through its wall paper "**Pravardhan**". During this academic year, the first issue of Pravardhan was released on 15th August 2012 at the hands of Treasurer of P.E. Society Shri. R. G. Desai. The Second Issue was released on 26th January 2013 at the hands of President of P.E. Society Shri. Ravi S. Naik. This Year Botany Colloquium organised a guest lecture on "**Future prospects in Botany**" by Dr. Mini Vijayan, Asso. Prof. in Department of Botany Carmel College for Women on 21st August 2012. Students of F.Y. B.Sc. have under taken a project of collection of seeds of different plants available in Goa. The same will be exhibited in the next academic year.

❖ **RED RIBBON CLUB**

The Red Ribbon Club is a voluntary on-campus intervention Programme for Students in Educational Institutions. It is initiated and supported by State AIDS Control Society (SACS) and implemented through multi-sectoral collaboration, particularly, using services of cadre officers of State's National Service Scheme. India is, perhaps, the second largest country after South Africa with innumerable people suffering from HIV / AIDS infection. This HIV / AIDS epidemic is now one of the most serious health problems in India and there has been steady rise every year. It is reaching an alarming figure. There is either no or very scanty amenities to curb the curse of HIV / AIDS in spite of continuous efforts of organizations like NACO (National Aids Control Organization), SACS (State Aids Control Society). It is indeed shameful. Today man is not dying because of hunger; he is dying because of low body resistance power. In association with Goa State AIDS Control Society (SACS), the Red Ribbon Club was established in P. E. S.'s S. R. S. N. College of Arts & Science, Farmagudi - Goa on Friday, 1st February, 2013 in Swami Vivekanand Sabhagruha. Programme was attended by almost 300 students, members of SACS, management members of P. E. S. and the Principal. The dignitaries from Goa State AIDS Control Society who were present were Mr. Umakant Sawant, Dy. Director(IEC), Ms. Jeunesse D. Fernandes, Consultant (Youth Affairs) and Dr. Nutan Dev, Health Officer, Community Health Centre, Ponda-Goa. The Chief Guest for the function was Shri R. G. Desai, Treasurer, Ponda Education Society. Ms. Jeunesse Femandes, Consultant, Youth Affairs, Goa SACS, talked on importance of Red Ribbon Club and RRC activities. Key-note Speakers for the function was Dr. Nutan Dev, who spoke of the HIV / AIDS, Modes of Transmission, Prevention Stratgies, Care and Support, Treatment and Basic Services, etc. The audience was enlightened by two poetry recitations in Hindi on AIDS by the Convenor, Dr. P. Bhattacharya. The programme was comp eared by Ms. Lynette Femandes and vote of thanks was proposed by Ms. Deepa Femandes.

❖ **P.E.S. COLLEGE ALUMNI ASSOCIATION**

The Alumni Association in collaboration with the Cultural Committee and the Students Council organised Poster Painting Competition for the college students on 13th December 2012 on the topic - '**Mining Ban in Goa - Aftermath**' was provided on the spot. The Prize Distribution was held at the hands of the Chief Guest Shri. Ravi S. Naik, President of P.E.S. Three Cash Prizes of Rs. 500/-, Rs. 300/- and Rs. 200/- were given to Ms. Deepika (F.Y.B.Sc.) 1st Prize, Mr. Riyaz Varsi, (T.Y.B.Sc.) 2nd Prize and Mr. Savio Domnic Dias (S.Y.B.Sc.) 3rd Prize, respectively. The Prizes were sponsored by Shri. Audumber J. Shinkre, the freedom fighter of Goa. **Dr Vithal Tilvi a physics student joined NASA (USA) recently.**

Mrs Ranjita U. Sawaiker

Member Secretary IQAC

Dr. A.S.Dinge

Principal and Chairman IQAC