



Ponda Education Society's

Shri. Ravi S. Naik
College of Arts and Science

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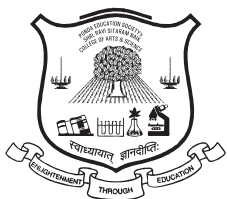
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<http://www.pessrsncollege.com>

आदित्य

Aditya

Annual College Miscellany
2012-2013



P.E.S.'s

Shri. Ravi S. Naik College of Arts and Science

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Farmagudi, Ponda, Goa.

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Ravi S. Naik

Former C.M., State of Goa
President, Ponda Education Society,
Farmagudi, Ponda - Goa.



Message

I am extremely happy that the Annual Miscellany of the College 'आदित्य' for 2012 – 13 is being released.

'आदित्य' is composed of the literary contribution of the students in the form of articles, poems etc. in English, Hindi, Konkani and Marathi. It also highlights the achievements of the students with reports and photographs of activities organised during the Academic Year 2012-13.

Every year 'आदित्य' has improved its quality which is very satisfying. I wish and hope that this would go a long way in shaping the budding writers to have a successful career.

I congratulate the Editorial Board for the efforts taken to make this magazine informative and meaningful.



Ravi S. Naik

OUR 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 the global village.
- Is to act as catalyst for a holistic development of the rural community.

MISSION STATEMENT...

- 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 round development of personality is possible.

PRINCIPAL'S REPORT FOR THE YEAR 2012- 2013



It is indeed a great pleasure to present before you the 27th annual report of Ponda Education Society. Shri. Ravi S. Naik College of Arts & Science.

In the current academic year our enrolment was 839 students, 199 boys (23%) and 640 girls (77%).

The performance of our students at the B.A./B.Sc. University Examination has been excellent, commendable at T.Y.B.A. with 3 Distinctions, 25 First Classes, 60 Second Classes and 26 Pass Classes. The College Pass Percentage was 77.02%.

At T.Y.B.Sc. we had 54 Distinctions, 52 First Classes, 1 Second Class and 09 Pass Classes. College Pass Percentage was 93.54%.

This academic performance could not have been achieved without highly qualified and able and dedicated faculty members both in the Arts as well as

Science section. It is a matter of pride for me to mention that our college has total number of 47 teachers out of which 27 Ph.D. holders and 15 M.Phil. To mention this year

Ms. Padmaja Kamat and Shri. Girish Kundaikar were awarded Ph.D.

Our faculty members are actively involved in Research activities through various major and minor research projects : To mention a few :

Major Research Projects:

1. Ms. Ranjita U. Sawaikar
2. Ms. Sunita R. Borkar
3. Dr. J. G. R. Monteiro

Minor Research Projects:

1. Dr. M. N. Kulkarni
2. Dr.(Ms) K. R. Kunkolienkar
3. Ms. Anuradha Kanolkar

4. Dr. (Ms) Sunita R. Borkar
5. Dr. (Ms) Caroline Fernandes
6. Dr. (Ms) Harsha Uskaikar
7. Ms. Teja Gramopadhye
8. Dr. S. H. Bhosale
9. Dr. (Ms.) Sima Kamat
10. Dr. Vidya Prabhudesai
11. Dr. Vikas J. Pissurlerkar

Most of our faculty members participate and present papers at International, National and State Level Conferences, Seminars and Symposia.

To mention few:

- Dr. Padmaja Kamat, Associate Prof. in History participated in the Second Asian Conference on Cultural Studies in Japan organized by International Academic Forum in the city of Osaka, Japan. She also presented research papers at Goa University, Konkan Itihas Parishad (Thana). Pune University at their seminar at National level.
- Ms. Flory Pereira published Two Papers in International Journals.
- Dr. Badruddin participated International Seminar and presented Paper at University of Kashmir, Srinagar..
- Dr. Kamladevi R. Kunkolienkar presented Research Paper at International Conferences organised by CFRVP, U.S.P. and J.D.V. Pune.

The details of the participation of our various teachers at International, National and State Level find a mention in the individual Departmental Reports.

Apart from research our institution hold various academic activities under

various subject associations throughout the academic year by inviting eminent personalities in the respective field.

The Students Council under their Chairperson Shri. Sandip Lotlikar held the council election and Mr. Rohit Bandodkar was elected, General Secretary, Mr. Firoz Shaikh, Cultural Secretary, Mr. Arron Pereira, Gymkhana Secretary and Miss Aarti Naik was elected Ladies Representative.

The activities of the Student Council were inaugurated at the hands of Shri. Ravi S. Naik, Hon. President of Ponda Education Society.

The Annual N.S.S. Camp was organised at Shree Shantadurga Kunkolikarin Devasthan, Fatorpa, Quepem, Goa from 23rd December to 29th December 2012. The inauguration was held at the hands of Sarpanch of V.P. Fatorpa Shri. Sanjil D'Costa. Around 75 N.S.S. Volunteers participated in this Camp.

On 26th January 2013, the college commissioned in its library block a fully AC hall - "The Swami Vivekanand Sabhagruha" with a seating capacity of 300 persons at the hands of the President of P.E.S. Shri. Ravi S. Naik.

The PES Archives organised the first ever Inter-collegiate Event for History, titled, Era-2013 - A tryst with time where all events based on History were held. Two hundred students from various colleges of Goa participated with great enthusiasm.

Our Microbiology students brought laurels to our college by winning the overall Trophy as Best College of

Synapse-2012 organised by the Department of Microbiology of Smt. Parvatibai Chowgule College, Margao.

The Nature Club organized programmes like tree plantation and other activities during the academic year.

Under the guidance of Dr.(Ms) Anita Tilve, Cultural Advisor, Kala Sangam of our college was held on 13th Dec. to 15 th Dec. 2012 and was inaugurated at the hands of Shri. Ritesh Naik, Secetary, Ponda Education Society. The students participated in the onstage and offstage cultural activities in large numbers and were awarded cash prizes which were sponsored by the President of Ponda Education Society Shri. Ravi S. Naik.

This year our students performed outstandingly well in the field of Sports under the guidance of Shri. D. M. Desai.

Mr. Naik Ashish D. from T.Y.B.A. won Gold Medal in Power Lifting & Best Physique organised by Goa University & Damodar College of Commerce & Economics, Margao.

Miss Gaude Hema K. won Gold Medal in Judo organised by Goa University.

Mr. Aaron Pereira A. won Gold Medal in Inter-Collegiate Athletic Meet organised by Goa University.

Mr. Naik Akshay A. won Bronze Medal in Judo organised by Goa University Mr. Nilesh Gopal Waghekar and Mr. Sunil Gopal Waghekar were selected for West Zone Inter University Championship 2012-13 at Mumbai.

Our college won Volleyball (Men) Championship organised by Goa University for the third time in a row.

Our college were runners- up at Women Cricket Championship organised by Goa University.

The following students represented Goa State for Cricket, Volley-ball, Floor - ball, Judo etc. at various inter-state competitions :

Ms. Sidhita S. Naik, Ms. Nasrin Banu, AR Nallikum, Sunil Waghekar, Nilesh Waghekar, Hema Gaude, Bindya Gaude, Tanuja Gaude, Anuradha Suggad, Aditya Parkar

With earnest efforts of our Management, new infrastructure and facilities are created.

We look forward to a bright future and our honest endeavor will be to carry out the good work that we started years ago and we pray that this institution will achieve greater heights.

Dr. A. S. Dinge
Principal

संपादकीय



फोंडा एज्युकेशन सोसायटीच्या श्री. रवी सिताराम नाईक महाविद्यालयाच्या २०१२-१३ या शैक्षणिक वर्षाचा महत्वाचा दस्तऐवज असलेला 'आदित्य' हा वार्षिकांक आज पूर्ण रुपात आपल्या समोर सादर करताना संपादक म्हणून मला अत्यंत आनंद होत आहे. गेली २७ वर्षे अव्याहतपणे हा अंक प्रकाशित होत आहे. याच अंकामधून आपले लेखनकौशल्य विकसित केलेल्या कितीतरी विद्यार्थ्यांनी आज गोमंतकातील कोंकणी-मराठी साहित्यात आपली नाममुद्रा उमटविली आहे. या अंकातून लेखन केलेल्या विद्यार्थ्यांनीही आपली साहित्यसेवा पुढे अखंड चालू ठेवावी. संपादक मंडळातर्फे मी त्यांचे अभिनंदन करून त्यांना शुभेच्छा देते.

लेखनकौशल्याप्रमाणेच संपूर्ण वर्षात ज्यांनी विविध क्षेत्रात यश संपादन केले आहे अशा सर्व यशवंतांची नोंद या अंकात घेतली आहे. कला आणि विज्ञान शाखेतून विशेष यश संपादन करणारे वा क्रिडा-सांस्कृतिक क्षेत्रात आपल्या यशाची चमक दाखविणारे विद्यार्थी आमच्या महाविद्यालयाचा गौरव ठरले आहेत. त्या सर्व विद्यार्थ्यांचे अभिनंदन करून संपादक मंडळातर्फे मी त्यांच्या पुढील मार्गासाठी शुभेच्छा देत आहे. महाविद्यालयातील विद्यार्थी मंडळ तसेच त्यांनी आयोजित केलेले क्रिडा तसेच सांस्कृतिक कार्यक्रमाचे छायाचित्रांसहित अहवाल या अंकात सामाविष्ट केले आहेत. महाविद्यालयातील विविध विभागांतर्फे राबविलेल्या उपक्रमाचे अहवाल त्यांच्या छायाचित्रांसहित या अंकात संकलित केले आहेत.

एकूणच हा अंक परिपूर्ण होण्यास आमच्या महाविद्यालयाचे प्राचार्य डॉ. अनिल ढिंगे यांचे प्रोत्साहन आणि शिक्षक-शिक्षकेतर कर्मचाऱ्यांचे लाभलेले सहकार्य महत्त्वपूर्ण आहे. विलंबाने का होईना आपल्या उपक्रमांचे अहवाल सादर केल्यामुळेच आज हा अंक पूर्ण रुपात येऊ शकला. संपादक मंडळातर्फे मी त्यांच्या सहकार्याबद्दल आभार मानते. विशेषतः संपादक मंडळाने केलेल्या सहकार्याचीही मी कृतज्ञतापूर्वक नोंद घेऊ इच्छिते.

दरवर्षीप्रमाणे संकेत प्रिंटर्सने उत्तम लेखनाला दिलेली कौतुकाची थापही आमच्यादृष्टीने अत्यंत मोलाची आहे. संकेत प्रिंटर्सचे श्री. बिपिन शिंदे यांच्या सर्वतोपरी सहकार्याबद्दल आदित्यचे संपादकमंडळ नेहमीच कृतज्ञ राहिल.

डॉ. विद्या प्रभुदेसाई
संपादक

॥ वैदिक दीक्षान्त मार्गदर्शन ॥

(तैत्तिरीय उपनिषद् - शिक्षावल्ली - अनुवाक ११)

ब्रह्मचर्याश्रमाचे विधिनियम पाळून, गुरुकुलामध्ये वेदाध्ययन पूर्ण करून, समस्त समाजव्यवस्थेचा आधार अशा गृहस्थाश्रमामध्ये पदार्पण करण्यासाठी स्वगृही परतणाऱ्या विद्यार्थी युवकाला आचार्यांनी भावी आयुष्यक्रमासाठी केलेला उपदेश -

१. सत्य बोल (सत्य म्हणजे सर्व जीवहित कारक) न्यायनीतीने वाग सतत वेदविचार करण्यास विसरू नकोस आचार्यांना प्रिय होईल तें धन देऊन कृतज्ञ राहा. वंशवेल खंडू नकोस (संततीच्या द्वारा स्वतः वंश आणि विद्यादानाच्या द्वारा विद्यावंश परंपरा अखंड चालू ठेव).

२. सत्यापासून चळू नकोस. न्यायनीतिसदाचरणापासून ढळू नकोस. आरोग्य संमाळण्यांत दक्ष राहा. कर्तव्यपूर्तीसाठी आवश्यक ते धनार्जन करण्यास कचरू नकोस. वेदविचारांचा अभ्यास व प्रवचन टाळू नकोस. देव कार्य व पितृकार्य करण्यात चुकू नकोस. (देव जशी आपल्यावर सतत दयामाया कृपा करतो तशीच आपण सर्वांवर करणे हे देवकार्य आणि आपण पितरांच्या कर्तृत्वाच्या स्वांघावर उभे आहोत याचें मान राखून पितरांप्रति कृतज्ञ राहून त्यांचा गौरव वाढेल असें कर्तृत्व करणे हे पितृकार्य).

३. देव म्हणजे सतत सुसंस्कारांचा प्रकाश देणारे - पहिली माता - आई, कारण ती आपल्यावर गर्भावस्थेपासून संस्कार करते. दुसरे पिता. तिसरे आचार्य गुरुजन आणि चवथे अतिथि (म्हणजे अनाहूतपणें संस्कार करणारे समाजांतील अनेकानेक लोक) यांची जीं अनिष्ट म्हणजेच स्तुत्यांगली कर्मे असतील त्यांचेंच अनुकरण करावे, इतरांचें नव्हे. आमची जीं सुकृते असतील त्यांचेंच अनुकरण करावे, इतरांचें नव्हे. आमच्यासारखेच किंवा आमच्याहूनही अधिक हितकारक श्रेष्ठ जन असतील त्यांचाही उचित मानसन्मान

करावा - त्यांच्याही सुचरिताचें अनुकरण करावे.

४. श्रद्धा पूर्वक घावें अश्रद्धा असेल तर दानच करू नये. ऐपतीनुसार घावें (दुसऱ्याशी स्पर्धा करण्यासाठी किंवा कुरघोडी करण्यासाठी देऊ नये). लाजेने घावें (आपल्यासारखा कर्तृत्वावान् मिळवता पोशिता असतांना आपल्याच समाज बांधवांवर भिकेची लाचारी यादी याची लाज बाळगून घावें) भयाने घावें. (याने जन्मजन्मांतरीं कोणालाही कांहीही दिलेलें नाही, म्हणून याच्यावर भिकेची पाळी आली आहे; तशी माझ्यावर कधीही येऊ नये या भीतीने घावें) संपूर्ण विचाराने घावें - सारासार विचार करून घावें (सापाला दूध पाजल्यास विष होते, तशी दुर्जनास मदत केल्यास त्याच्या दुष्कृत्यांत सहभाग होतो. गरजेशिवाय गरजेबाहेर दिल्यास घेणाऱ्याला भिकेवर जगण्याची नादानी शिकवल्याचें पाप लागतें. व्यसनी माणसाला दिल्यास व्यसनाला साहय करून नाशाला कारणीभूत झाल्याचें पाप लागतें. एवढा विचार करून केवळ गरजवंताला आणि गरज मागण्या पुरतेच घावें. दिलेल्याची जाहिरात करू नये. उजव्या हाताने दिलेलें डाव्या हातालाही कळू नये.)

५. जर कधी काळी 'काय करावे काय करू नये, कसें वागावें - कसें वागूं नये' अशा बाबतींत घोटाळ्यांत - संन्हायांत पडण्याचा प्रसंग आला तर - त्याकाळीं तेथें जे विद्वान, अभ्यासू, विचारवंत, समाजहितरत आणि मनाचे मायाळू महाजन असतील - ते जसे वागतील जसे सांगतील - तसें वागावें.

६. हा आदेश - हाच उपदेश - हेंच वेदांचें रहस्यपूर्ण मानवजीवनशास्त्र हीच मानवसंस्कृति - याचीचा उपासना करावी - आचरण करावें.

COLLEGE TEACHING FACULTY

PRINCIPAL

Dr. Anil S. Dingre, M.Sc., Ph.D.

VICE-PRINCIPAL

Dr. (Mrs.) Sima V. Kamat, M.Sc, Ph.D,
(upto 30/08/2012)

Dr. (Mrs.) Kamaladevi R. Kunkolienkar.
M.A. Ph.D. (From 04/02/2013)

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DEPARTMENT OF HISTORY

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Dr. (Ms.) Padmaja V. Kamat, M.A. Ph.D
NET

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Dr. Ramchandra G. Shetkar, M.Sc., B.Ed.,
Ph. D.
Dr. Srinivas D. Gokakar, M.Sc.Ph.D.
Dr. Bhiwa L. Malik, M.Sc., Ph.D.
Dr. Vikas J. Pissurlekar, M.Sc., Ph.D.
Dr. (Ms.) Anita S. Tilve Manekar, M.Sc.,
Ph.D.
Ms. Anuradha B. Kanolkar, M. Sc., B.Ed.
M. Phil.
Shri. Virendra S. Dangui, M.Sc.
Ms. Brenda F. Dias Barreto, M. Sc., B.Ed.
M. Phil.
Dr. (Ms.) Harsha P. Uskaikar, M. Sc.,
B.Ed., Ph.D.
Ms. Pratija Y. Naik, M. Sc.

DEPARTMENT OF PHYSICS

Dr. Girish V. S. Kundaikar, M.Sc.,
M.Phil., Ph.D.
Dr. Satish H. P. Keluskar, M.Sc., M. Phil.,
Ph. D.
Ms. Mandakini G. S. Kundaikar, M. Sc.,
M. Phil.

DEPARTMENT OF MATHEMATICS

Dr. Milind N. Kulkarni, M.Sc., Ph.D.
Ms. Sweta J. Govekar, M. Sc.

DEPARTMENT OF INFORMATION TECHNOLOGY

Mrs. Mita N. Amonkar, M.Sc. M.Phil

DEPARTMENT OF BOTANY

Dr. (Ms.) Sima V. Kamat, M. Sc., Ph.D.

Dr. Pradeepesh Bhattacharya, M.Sc., Ph.D.

Ms. Ranjita U. Sawaiker, M.Sc. M. Phil.

Ms. Bhagyashri L. Halarnkar, M.Sc., M. Phil.

Ms. Lynette Fernandes, M.Sc., M.Phil.

Dr. (Mrs.) Rupali R. Bhandari, M.Sc. Ph.D.

DEPARTMENT OF MICROBIOLOGY

Dr. (Ms.) Sunita R. Borkar, M.Sc., Ph.D.

Dr. Caroline F. E. Fernandes, M.Sc. Ph.D.

Ms. Flory Pereira, M.Sc., B.Ed. SET

DEPARTMENT OF ZOOLOGY

Ms. Susan Marcos, M.Sc., M.C.T.

Dr. Anantkumar V. Deshpande, M.Sc., Ph.D.

Dr. Subhash H. Bhosale, M.Sc., Ph.D.

Shri. Gurunath P. P. Khanolkar, M.Sc.

Ms. Deepa C. Fernandes, M.Sc., M. Phil.

Ms. Teja A. Gramopadhye, M.Sc., M. Phil.

Dr. Deeparani K. Prabhu, M. Sc., Ph.D.

DEPARTMENT OF PHYSICAL EDUCATION

Shri. Dinkar M. Desai, M.A., M.P.Ed.

LIBRARIAN

Ms. V. V. Garge, M.A., B. Lib.

NON – TEACHING STAFF

Shri. Gokuldas P. Shet Narvekar	Head Clerk
Shri. Ratnakar V. S. Kunkolienkar	Accountant
Mrs. Kunda G. Shet Narvekar	U.D.C.
Shri. Devidas V. Gaude	U.D.C.
Mrs. Asha A. Golatkar	L.D.C.
Shri. Gajanan R. Bhat	L.D.C.
Shri. Sainand A. Naik	L.D.C.
Shri. Mohanish S. Naik	L.D.C
Mrs. Rajashree R. Thampan	Lab. Asst.
Mrs. Sangeeta R. Naik	Lab. Asst.
Shri. Mahesh S. Nadkarni	Lab. Asst.
Mrs. Anita G. Narvenkar	Steno Typist
Shri. Vishnu A. Naik	Lab. Asst.
Mrs. Prita S. S. Usgaonkar	Lab Asst.
Shri. Nitin N. Naik	Store Keeper
Shri. Udes R. Natekar	Lab Technician
Mrs. Swarupa S. Kerkar	Lab. Asst.
Shri. Ranganath S. Naik	Lab. Attendant
Shri. Rohidas T. Gaude	Lab. Attendant
Shri. Eknath S. Naik	Lab. Attendant
Shri. Dattaram K. Gaude	Lab. Attendant
Shri. Raju s. Bandodkar	Lab. Attendant
Shri. Dinesh V. Naik	Lab. Attendant
Shri. Eknath H. Naik	Lab. Attendant
Shri. Pradeep N. Naik	Lab. Attendant
Shri. Vinayak V. Gaude	Lab. Attendant
Shri. Dayanand T. Jalmi	Lab. Attendant
Shri. Prakash R. Naik	Lab. Attendant
Shri. Gajanan S. Naik	Lab. Attendant
Shri. Vassudeo B. Naik	Lab. Attendant
Shri. Shailesh S. Naik Gaonkar	Lib. Attendant
Shri. Ratnakar P. Gaude	Lib. Attendant
Shri. Dilip U. Gaude	Field Collector
Mrs. Manorati M. Gaude	Peon
Shri. Prasad V. Adarkar	Peon
Shri. Kamalakant J. Naik	Peon (Gymkhana)
Shri. Atchut P. Satarkar	Gardener
Shri. Shivanand H. Gaude	Watchman
Shri. Umakant K. Naik	Watchman

RESEARCH ACTIVITIES

MAJOR RESEARCH PROJECTS COMPLETED

1. RDA sponsored project on “Social, Economic and Scientific Survey of Ponda Taluka.”
2. DST & E sponsored project on “A comparative and comprehensive study of the impact of Monoculture Afforestation on the Native Environment of Goa.”

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), Late Dr. (Mrs.) K. N. Desai (Botany), 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. V. Kamat, Dr. S. H. Bhosale & Ms. Deepa Fernandes, Ms. Teja Gramopadhye & Dr. S. H. Bhosale, Ms. Ranjita Sawaiker & Dr. S. V. Kamat, Dr. Sunita Borkar, Dr. Caroline F. E. Fernandes & Dr. Sunita Borkar, Ms. Anuradha Kanolkar & Dr. Anita Tilve, Dr. Harsha Uskaikar, Dr. (Mrs) Kamaladevi R. Kunkolienker, Dr. J. G. R. Monteiro, Dr. M. N. Kulkarni, Dr. Vidya Prabhudesai.

P.E.S. SHRI RAVI S. NAIK COLLEGE OF ARTS & SCIENCE

Farmagudi, Ponda-Goa

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

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%
University Pass Percentage	

Sr. No.	Subjects	Appeared	Passed	Failed	Pass %age
1.	Marathi (6 units)	2	2	0	100%
2.	Marathi (3 units)	14	10	3	71.42%
3.	Konkani (3 units)	30	21	3	70%
4.	Psychology (3 units)	31	22	2	70.96%
5.	Philosophy (3 units)	26	20	3	76.92%
6.	Hindi (3 units)	49	31	15	63.26%
7.	Economics (3 units)	39	31	3	79.48%
8.	History (3 units)	46	36	7	78.26%
9.	Political Science (3 units)	47	33	3	70.21%
10.	Political Science (6 units)	5	4	1	80%

P.E.S. SHRI. RAVI S. NAIK COLLEGE OF ARTS & SCIENCE

Farmagudi, Ponda-Goa

B. Sc. SEMESTER VI EXAMINATION OF APRIL, 2012 RESULTS STATISTICS AFTER REVALUATION

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%
University Pass Percentage	

Sr. No.	Subjects	Appeared	Passed	Failed	Pass %age
1.	Physics (6 units)	8	8	0	100%
2.	Chemistry (6 units)	74	66	8	89.18%
3.	Chemistry (3 units)	14	14	0	100%
4.	Industrial Chemistry (3 units)	14	14	0	100%
5.	Botany (6 units)	2	2	0	100%
6.	Zoology (6 units)	5	5	0	100%
7.	Microbiology (6 units)	21	21	0	100%



Annual Reports

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Annual Report of Cultural Committee 2012-13

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

1. TEACHING STAFF MEMBERS

Shri. Sandip Lotlikar, Chairman
Dr. A. S. Tilve, Cultural Advisor
Dr. M. N. Kulkarni
Ms. Brenda Souza
Ms. Ranjita Sawaikar
Dr. J. G. R. Monteiro
Mr. Deepak Chatre
Ms. Mandakini Kundaiker

2. STUDENT REPRESENTATIVES

Mr. Rohit Bandodkar, General Secretary
Mr. Firoz Shaikh, Cultural Secretary
Ms. Aarti Naik, Ladies Representative

3. 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 | |

Shri. Akshay Bhandari was the Quiz master.

All the teaching staff members were judges for the above mentioned Competitions. Our students also participated and won prizes in various activities and Competitions held by other colleges/organizations.

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.

II Competitions held during Kala Sangam 2012 (13th to 15th Dec. 2012)

1. Fancy Dress

1st Prize - Ms. Vaishnavi Chari (S.Y.B.A. (A))

2. Kavya Vachan

1st Prize - Mr. Sachin Naik (S.Y.B.A.)

2nd Prize - Ms. Shabana (S.Y.B.A.)

3. Antakshari

1st Prize - T.Y.B.A.

2nd Prize - F. Y. B. A. (B)

3rd Prize - S.Y. B.Sc. (B)

S.Y.B.A. (A)

4. Solo Singing

1st Prize - Ms Shambhavi Ghaisas (S.Y.B.A.) (B)

Ms. Rajavi Naik (T.Y.B.A.)

2nd Prize - Ms. Prachi Damle (T.Y.B.A.)

3rd Prize - Mr. Shravan Pendse (S.Y.B.A. (B))

Consolation Prize - Mr. Kaustubh Apte (T.Y.B.A.)

Duet Singing

1st Prize - S.Y.B.A.(B) Ms Shambhavi Ghaisas, Ms. Shravan Pendse

2nd Prize - T.Y.B.A. Mr. Rohit Bandodkar, Ms. Anushka Naik

3rd Prize - Mr. Palash Naik, S.Y.B.Sc.(A), Ms. Aarti Naik, S.Y.B.Sc.(B)

Best out of Waste

1st Prize - Mr. Gautam Shirodkar, F.Y.B.A.

2nd Prize - Ms. Dhanyata Phadate, F.Y.B.Sc., Ms. Saima Kadam, T.Y.B.Sc.

3rd Prize - Mr. Prabhat Kushwah, F.Y.B.Sc.(A)

Poster Painting

1st Prize - Ms. Deepika, F.Y.B.Sc.

2nd Prize - Mr. Riyaz Varsi, T.Y.B.Sc.

3rd Prize - Mr. Savio Domnic Dias, S.Y.B.Sc.

14th DECEMBER 2012

1. Monologue

1st Prize - Ms. Maithili Govekar,
S.Y. B.Sc.(B)

2. Mime

1st Prize - T.Y.B.Sc (Mr. Aniket Devidas, Ms. Saima Kadam, Mr. Ramesh Oli,
Ms. Shruti, Ms. Reshma Palyekar, Ms. Samidha, Ms. Nischita)
2nd Prize - T.Y.B.A.

3. Skit Play

1st Prize - T.Y.B.A.

4. Solo Dance

1st Prize - Ms. Shruti Bhonsale, S.Y.B.A.(A), Ms. Pooja Sangaonkar, T.Y.B.A.
2nd Prize - Ms. Pooja Purohit - F.Y.B.A. (B)
3rd Prize - Ms. Shashikala Samant, F.Y.B.Sc. (C)

5. Group Dance

1st Prize - Ms Sonali Rane and group
2nd Prize - Mr. Ramesh Oli & group
3rd Prize - Ms. Sonam and group
Consolation Prize - Ms. Nivedita & Group

6. Face Painting

1st Prize - Mr. Vaibhav Naik, T.Y.B.Sc.
2nd Prize - Mr. Aaditya Korgaonkar, S.Y.B.A.

7. Mehandi Competition

1st Prize - Ms. Sayedabanu Khadri, F.Y.B.A.(A)
2nd Prize - Ms. Gayatri Gaude, S.Y. B.A. (A), Ms. Mausin Khan - T.Y. B.A.
3rd Prize - Ms. Pooja Vishwakarma, T.Y. B.Sc. (A)
4th Prize - Ms. Salma Khan, S.Y.B.A.(A)
5th Prize - Ms. Yogita Dhanawde, F.Y.B.Sc.(A)
1st Consolation Prize - Ms. Divya Manerkar, T.Y.B.Sc.,
Ms. Asmita Gavde, T.Y.B.Sc.(A)
2nd Consolation Prize - Ms. Pooja Khanvte, T.Y.B.Sc. (B)
3rd Consolation Prize - Ms. Aditi Madkaikar, S.Y.B.Sc. (B),
Ms. Rashmi Pawar, F.Y.B.Sc. (B)
There was an overwhelming response for the Mehandi Competition.

8. Soap/Vegetable Carving

- 1st Prize - Ms. Purva Sadhale, F.Y.B.Sc.
2nd Prize - Ms. Shivangi Dangui, F.Y.B.A.

15th DECEMBER 2012

1. Debate

- 1st Prize - Mr. Shravan Pendse & Mr. Sachin Naik, S.Y.B.A.

2. Quiz

- 1st Prize - Ms. Shreya Prabhu, Mr. Gauresh Desai, F.Y.B.Sc. (A)
2nd Prize - Mr. Tanmay Bandodkar, Mr. Prajyot Naik, T.Y.B.A.

3. Treasure Hunt

- 1st Prize - F.Y. B.Sc. (B)

4. Fashion Show

- 1st Prize - Ms. Shrutika & Group - F.Y.B.Sc. (C)
2nd Prize - Retro Group, T.Y.B.A.
3rd Prize - Ms. Shalaka Phadte & Group, F.Y.B.A. (A)

5. Mute Band Show

- 1st Prize - Prajyot Naik & Group, T.Y.B.A.
2nd Prize - Shivanand Mamledar & Group, F.Y.B.A.

6. Flower Arrangement

- 1st Prize - Ms. Trupti Gaonkar, F.Y.B.A. (A)

7. Rangoli Competition

- 1st Prize - Mr. Riyaz Warsi, Ms. Pooja Vishwakarma, T.Y.B.Sc.
2nd Prize - Ms. Manali Salgaonkar, Ms. Priyanka Kurtarkar, T.Y.B.Sc.
3rd Prize - Ms. Ravina Jalmi, Mr. Vijayendra Kawalekar, T.Y.B.Sc.
4th Prize - Ms. Divya Manerkar, Ms. Suridha Chandelkar, T.Y.B.Sc.
5th Prize - Mr. Vaibhav Naik, T.Y.B.Sc.
1st Consolation Prize - Ms. Gayatri Gawade, S.Y.B.A.
2nd Consolation Prize - Ms. Pooja Khavante, Ms. Snehal Shinkre, T.Y.B.Sc.
There was an overwhelming response for the Rangoli Competition.

8. Photography Competition

- 1st Prize - Mr. Darshan Walwaikar, F.Y.B.Sc. (B)
2nd Prize - Ms. Kiran Surlekar, F.Y.B.Sc. (B)
3rd Prize - Mr. Rohish Sangaonkar, F.Y.B.Sc. (A)
Consolation Prize - Mr. Lakshmikant Desai, T.Y.B.Sc.

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

Dr. Anita Tilve
Cultural Advisor

N.S.S. Report

Academic Year - 2012-13

1. 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
V. S. Dangi	Member
Mrs. Anuradha B. Kanolkar	Member
Dr. Subhash H. Bhosale	Member

2. Details Regarding N.S.S. Student Volunteers

Total Number of Volunteers - 684 (Boys - 144, Girls - 540)

Arts				Science			
Class	Boys	Girls	Total	Class	Boys	Girls	Total
F.Y.B.A.	10	79	89	F.Y.B.Sc.	44	117	161
S.Y.B.A.	17	99	116	S.Y.B.Sc.	20	61	81
T.Y.B.A.	21	110	131	T.Y.B.Sc.	32	74	106
Total	48	288	336	Total	96	252	348

Faculty	Boys	Girls	Total
Arts	48	288	336
Science	96	252	348
Total	144	540	684

N.S.S. Activities

3. Orientation for N.S.S. Volunteers

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

4. Tree Plantation Programme

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

5. 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.

6. 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.

7. 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 deweeding of the college playground was done.

8. 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 on 1st January, 2013 by Shri. Prakash Dessai who is associated with Swami Vivekananda Society, Kanyakumari, Tamilnadu.

9. 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.

10. Annual N.S.S Camp

Annual N.S.S. camp was organized at Shree Shantadurga Kunkolikarin Devasthan, Fatorpa; Kunkalim- Goa from 23rd December 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 after the dinner. Thus the camp stay was filled with fun and frolic.

D. M. Dessai
N.S.S Programme Officer

ANNUAL REPORT

DEPARTMENT OF HISTORY

The Dept. of History had passing percentage of 78.26% at T. Y. B. A. Examination of April 2012. Among 45 students, Ms. Alifa Alvares stood first with 75.3% and won the Cash Prize kept in the memory of late Dr. Rohidas Prabhu Chodnekar awarded during the formal function of the Annual Social Gathering. Academic activities of the Departmental Association, P. E. S. ARCHIVES began with the inauguration of its Executive Council, Ashta Pradhan Mandal and the swearing in of its members with Tanmay Bandodkar of T. Y. B. A. as Peshwa. Other members of the Council were Vandana Gaonkar (T.Y.B.A.), Rahul Nair, Krishnadeep Borkar, Nazia Shaikh (S.Y.B.A.) and Sarvesh Samant, Shivangi Dangui and Jyoti Gaonker (F.Y.B.A.). A guest lecture was arranged on the topic 'Forts of Goa' by Shri Sachin Madge on the occasion

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. The event was planned and executed by a team of the students of the department. It was conducted under the coordinator, Dr. Varsha Kamat and guided by the Head of the Dept., Dr. Padmaja

Kamat. The response was overwhelming. Two hundred students from various Colleges of Goa participated in the event with great enthusiasm.

Dr. Varsha Kamat conducted a Study Tour of Aurangabad, Ajanta, Ellora, Daulatabad, Khuldabad, Paithan, Godavari Dam and Poona from 20th November to 25th November, 2012 and also a Local Study Tour of Chandor, the ancient capital of the Kadambas, House of great Goan Louis de Menezes Braganza, Rivona caves, Usgalimal Petroglyphs, Budbudyanchi Tali, Netravali, Mahadev temple, Tambdi Surla, and Haravalem Caves for the students of F.Y.B.A. as part of their syllabus.

Conferences/Events Attended/ Organized by the Faculty Members

Dr. Padmaja V. Kamat
Head of the Department

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, at

Goa 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.

Dr. Padmaja V. Kamat
Head of the Department of History

ANNUAL REPORT OF THE DEPARTMENT OF ECONOMICS

The academic year began on June 18, 2012. As usual 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.

There were three first classes. Ms. Heena Gawde secured the highest marks in the subject of economics among the students of the department and as such she won the cash award instituted by the teachers of the department of economics (Mr. A. V. Bhandiwad and Dr. J. G. R. Monteiro)

The total strength of students in the subject of economics was 154. The semester wise break-up of students was as follows: Semester I and II, 72, Semester III and IV, 60, and Semester V and VI, 22. The students of economics are always encouraged to take up projects at the T.Y.B.A on current topics. We had two project reports prepared by nine students under the supervision and guidance of Mr. A. V. Bhandiwad and Dr. J. G. R. Monteiro. The titles were 1) Public Finance of Goa Government: An Analysis of Schemes. 2) An Economic Study of Sanjivani Cooperative Sugar Mill, Dayanandnagar, Dharbandora Goa.

The faculty of the department are actively involved in various academic activities. Mr. A. V. Bhandiwad attended the 95th Annual Conference of Indian Economic

Association at Visakhapatnam, from 27 December to 29th December, 2012. Both Mr. A. V. Bhandiwad and Dr. J. G. R. Monteiro are the life members of Indian Economic Association.

Dr. J. G. R. Monteiro 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.

Dr. J. G. R. Monteiro 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.

Dr. Jeronimo G. R. Monteiro
Head, Department of Economics

DEPARTMENT OF PSYCHOLOGY ANNUAL REPORT 2012-2013

Psychology is an enterprising field which offers wide topic coverage in the systematic understanding of human behavior. It seeks to enrich the students and encompass them with vast knowledge and equips them with a clear, informative, and challenging perspective towards human behavior.

The Department of Psychology offers subjects like Fundamentals of Psychology, Child Psychology, Social Psychology, Adolescent Psychology, Abnormal Psychology, Organizational Behavior, Criminal Psychology and Statistics.

In the academic year 2012-2013, we had a total enrollment number of 49 students who opted for Psychology in the Ist Semester. This reinforces our belief that there is an increasing trend in students opting for Psychology. The total pass percentage for this academic year was 93.54%

The Department faculty includes:

Prof. Priya U Sabnis, Head of Psychology Department. She awards a subject prize annually to the student obtaining the highest marks in Psychology at the TYBA examination. This year the prize was awarded to Pooja S. Raikar.

Prof. Alvita de Souza, Assistant Professor in Psychology 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. 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. They were also informed about the various career prospects available to them in the field of Psychology.

A subject orientation programme and a Project Orientation programme was conducted for students in the V semester respectively.

Priya U. Sabnis
Head of Department of Psychology

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 thanks to highly qualified faculty. As among the best in UG Colleges of Goa University - both three as well as six units. The department enrolled 32 admissions at final year level. With enrolment at first year level (62) and second year level (59) respectively, department conducted several extra-curricular activities and programmes like Students Parliament Competition, Certificate Course in Human Rights and miscellaneous academic pursuits. The academic achievements of both faculty members can be briefly mentioned as follows.

Achievement of Faculty Members
(Academic Calendar: 2012-2013)

Dr. Badruddin
(Associate Professor and Head)

A. Conferences and Seminars

- ❖ International HR Colloquium and Research Conference: HR Redefined" August 24-24, Maharashtra Institute of Technology (MIT) College Management, Pune, India, Paper Presented on "Indian Diaspora in UAE and Human Resource Management: Political and Economic Identity".
- ❖ International Conference on Business and Management - ARC 2012,

Cambridge Institute of Technology, Bangalore, 28-29 December 2012. Paper Presented on "Migration and Globalization of Brain Drain: Status of Indian Community in Indonesia"

International Conference on "Role of Innovation in Business" IFIM Business School, Bangalore, 16-17 May 2013" Paer Presented on "Diaspora, Remittances and opportunities : A Case Study of Indian Knowledge Workers in Singapore"

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, Paper Presented on "Indian Migrants in Thailand: Remittances, Opportunities and Contemporary Challenges."

National Conference on "Contemporary Issues in Global Business" Don Bosco Institute of Technology, Bangalore, 9-10 May 2013 Paper Presented on "Globalization and Indian Democracy: Dilemmas and Opportunities."

B. Publications:

" Tourism and Sustainable Development: A Case Study of Goa" Geographer (Aligarh), Vol. 57, No.2, July 2010, pp.88-98. (ISSN: 0072-0909) Late Edition released in November 2012

"Indian Diaspora in UAE and Human Resource Management: Political and Economic Identity" International Journal of Engineering, Science and Research (Pune), Special Edition, August 2012, p.57-63 (ISSN No.: 2231-5535). Online Journal

"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), Vol.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).

C. Coordinated, Organized and Invited

Lecture on "Women, Crime and Law: A Rape Case of Delhi" "Resource Person,

Advocate Aruna Sanadi, Independent Legal Professional (08.02.2013).

Lecture on "Women and the Law: A Human Rights Approach" by Ms Lida Joao, Associate Professor in Economics, Naval Provost & Training School, Verem, Goa (23.02.2013)

Coordinated Students Parliament Competition and prepared the students for the Competition (15 Jan. 2013), organized by Goa State Legislator, Alto Porvorim, Goa

Coordinated with the students of Human Rights in conducting field work at Sneha Mandir (Old Aged Home), Ponda-Goa (16 March 2013)

Coordinated UGC Funded and BOS, Goa University approved 3rd Batch of Certificate Course in Human Rights Education

Invited as Key Note Speaker on "Clean Power Asia" held between 15 and 17 May 2012 at Bali, Indonesia, organized by Ms Elly Kreijkes, Synergy Singapore Office (declined to attend the same due to unavoidable circumstances)

D. Special Programme Completed:

Personnel Management, Goa Institute of Rural Development and Administration (GIRDA), 20-22 November 2012.

12 Day workshop on "Capacity Building in Social Science", 15-26 June 2013, Organized by ICSSR, Western Region, Mumbai at Goa State Central Library, Panaji.

E : Subject Expert : Worked as Subject Expert to Appoint Full time Lecturer in

Public Administration at Goa Institute of Rural Development & Administration, Old Goa, 16 May 2013.

E. Life Membership

- i. Indian Political Science Association (Jaipur)
- ii. Academy for Asia Pacific Studies (New Delhi)
- iii. All India Association for Doctor of Philosophy (Mumbai).

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.

Dr. Badruddin,
Head, Dept of Political Science

REPORT OF THE COUNSELLING CELL ACTIVITIES 2012-2013

The Counseling Cell was established in the year 2010. It provides out career and counselling 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.

Priya U. Sabnis
Head of Department of Psychology

DEPARTMENT OF PHILOSOPHY

Results:

The T.Y.B.A. results in Philosophy for the academic year 2011-12 was 88.46%. Two students passed with Distinction and five secured a First Class.

Enrollment:

A total of 256 students enrolled for philosophy and allied subjects at the three levels of the undergraduate course. The following courses were taught by the Department: Moral Philosophy - Semester 1 and 2

Issues in Philosophy - Semester 3 and 4
Environmental Ethics - Semester 3 and 4
Philosophy of Value Education - Semester 3 and 4

History of Western Philosophy - Semester 5 and 6

History of Indian Philosophy - Semester 5 and 6

Philosophy of Religion - Semester 5 and 6.

Co-curricular Activities:

1. A talk and an audio visual presentation on Conservation by Kiran Purandare, wellknown conservationist 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.

2. Local study tour to Goa Chitra for S.Y.B.A. students of Environmental Ethics for hands-on experience with environment friendly activities - March 25, 2013.

3. Student delegation at One-day State level Workshop on "Teaching Philosophy at School Level" at Department of Philosophy, Goa University - April 19, 2013.

4. Audio Visual Presentations on Applied Ethics, Professional Ethics, Issues in Philosophy, Environmental Ethics and Philosophy of Value Education at the first four semesters respectively of the B.A. courses in Philosophy and allied subjects.

5. Both the faculty members 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 sub-committees 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
(Associate Professor):

Papers presented 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.

Papers accepted for International Publication:

- ❖ 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".

Papers accepted for Presentation:

- ❖ 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.

Papers presented at State-level:

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

- ❖ Research paper on "Savitri" at Aurobindo Society, Panaji - November 14, 2012.

Participation at National-level Seminars:

- ❖ National Seminar on "Ideology, Values and Society" organized by Centre 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.

Participation at State-level Seminars/ Workshops:

- ❖ 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.

Visiting Faculty:

❖ 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.

Member of Academic Bodies :

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

Dr. Anjali Mohan Rao (Associate Professor and Head of Department):**Participation at State-level Seminars / Workshops :**

❖ 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.

Dr. Anjali Mohan Rao
Head, Department of Philosophy

वाङ्मयमंडळ अहवाल २०१२-१३

इ. स. १९९१-९२ या शैक्षणिक वर्षातील काही अभिरुचीसंपन्न विद्यार्थी एकत्रित आले आणि त्यांनी प्राचार्य-प्राध्यापकांच्या सहयोगातून पीईएस वाङ्मयमंडळाची स्थापना केली. आज हे विद्यार्थी लेखनक्षेत्रात आघाडीवर आहेत. अखंडपणे आजपर्यंत हे वाङ्मयमंडळ दरवर्षी बदलत्या आव्हानांना पेलत आपले कार्य करते. हिंदी-मराठी कोंकणी आणि इंग्रजी या भाषांमधून वाङ्मयनिर्मिती करून त्यावर चर्चा करणे हा या मंडळाचा हेतू होता. सत्रपद्धतीमुळे आज विद्यार्थ्यांना अशा उपक्रमांना फार वेळ जरी देता आला नाही तरी विद्यार्थ्यांच्या अभिरुचीचा आणि वेळेचा विचार करून नवनवीन उपक्रम राबविले जातात.

दर वर्षाप्रमाणेच या वर्षीही चौगुले महाविद्यालयातील

कोंकणी विभागातील व्याख्याते आणि कोंकणीतील कवी आणि नाटककार असलेल्या प्रा. हनुमंत चोपडेकर यांच्या हस्ते वाङ्मय मंडळाचे उद्घाटन करून त्यांच्याच उपस्थितीत काव्यवाचनाचाही कार्यक्रम झाला. या वाचलेल्या कवितांवर टिप्पणी करून प्रा. चोपडेकरांनी विद्यार्थ्यांना मार्गदर्शन केले. याशिवाय श्यामची आई हा राष्ट्रीय पुरस्कारप्राप्त चित्रपटही विद्यार्थ्यांना दाखवून नंतर त्यावर चर्चा करण्यात आली.

‘रायगडाला जेव्हा जाग येते.’ ह्या नाटकाची ध्वनिचित्रफीत दाखवून विद्यार्थ्यांशी चर्चा करण्यात आली. वाङ्मयमंडळातर्फे चालविल्या जाणाऱ्या या उपक्रमांचा फायदा विद्यार्थ्यांना त्यांची अभिरुची वाढविण्याबरोबरच साहित्यिक जाण निर्माण करण्यासाठी होतो.

परिक्रमा अहवाल - २०१२-१३

महाविद्यालयातील विद्यार्थ्यांच्या अंगी असलेले सुप्त साहित्यिकगुण अभिवृद्ध करण्याच्या हेतूने हिंदी-मराठी-कोंकणी आणि इंग्रजी या भाषांमधून परिक्रमा हे भित्तिपत्रक प्रकाशित केले जाते. १५ ऑगस्ट १९८७ या पासून सुरु झालेल्या या भित्तिपत्रकाचे सामान्यतः ६ ते ७ अंक प्रत्येक शैक्षणिक वर्षात प्रकाशित केले जातात. कला तसेच विज्ञान शाखेतील विद्यार्थ्यांनी या उपक्रमाचा लाभ घ्यावा अशी अपेक्षा असते. प्रासंगिक लेखन (नैमित्तिक), ललित लेखन (कथा, कविता, लेख इ.) साहित्य परिक्षण (साहित्यकृतीचा परिचय वा समीक्षा), संकलन (वाचनात आलेले, आवडलेले काही उतारे) चित्रे (व्यंगचित्रे वा रंगचित्रे, रेखाचित्रे इ.) अशा विविध विषयांचा त्यात समावेश असतो. वाचन, संकलन आणि लेखन अशा विविध पातळ्यांवर विद्यार्थ्यांची साहित्यिक अभिरुची संपन्न होण्यास या उपक्रमाचा उपयोग होतो. गुरुपौर्णिमा, टिळक

पुण्यतिथी स्वातंत्र्यदिन, गांधी जयंती, गोवामुक्तिदिन, प्रजासत्ताकदिन, महिलादिन अशा नैमित्तिक अंकांचे प्रकाशन करण्यात येते. प्रत्येक शैक्षणिक वर्ष अखेरीस भित्तिपत्रकांमध्ये प्रसिद्ध झालेले निवडक साहित्य ‘आदित्य’ मध्ये पुनर्प्रकाशित केले जाते. विद्यार्थ्यांनी, विद्यार्थ्यांसाठी चालविलेल्या हा उपक्रम प्रामुख्याने मराठी-हिंदी विभागातील विद्यार्थ्यांच्या सहकार्याने यशस्वीपणे राबविला जातो. या वर्षी मानसशास्त्र विभागातील विद्यार्थ्यांनीही या उपक्रमाचा लाभ घेतला.

डॉ. विद्या प्रभुदेसाई

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

1. Participated and attended workshop on Review of Revised IT Syllabus' on 9th October. 2012
2. Participated in Ramanujan @ 125, memorable lectures, organised by Vidnyan Parishad, Goa at Goa Science, Miramar on 11th December 2012.
3. 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
4. Participated and Attended Two-days Workshop and Training Program. on 'Use

of Mathematical Software' organised by Goa University on 22nd & 23rd February 2013 respectively.

5. 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.

6. 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.

Mita N. Amonkar
Head of Department
Information Technology

DEPARTMENT OF PHYSICS ANNUAL REPORT 2012-2013

The Academic year began with the Admission for B.Sc first semester. Admission in the subject of Physics for the year 2011-12 was satisfactory. T.Y.B.Sc results were excellent 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.

Shri. Girish V.S. Kundaikar, Associate Professor in Physics 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" .He has 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.

Mrs. Mandakini G. S. Kundaiker also 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.

Dr. Girish Kundaikar
Head, Department of Physics

ANNUAL REPORT 2012-2013

DEPARTMENT OF MICROBIOLOGY

Our students of T.Y.B.Sc. did us proud by securing fourteen distinctions, six first classes and one second class at the April 2012 examinations. The Micro-Tech Cell Award sponsored by the Staff members of Microbiology Department for the student securing highest marks at the T.Y.B.Sc. University Exam in Microbiology was awarded to Mr. Sanket Krishnanath Gaonkar while Ms. Krutika Paresh Kerkar bagged the Late Shri Satish Desai Memorial Award for scoring the highest marks in Medical Microbiology.

Students of B.Sc. Semester II, IV and VI viz. Anchit Shet Parkar, Sarina Da Costa, Ruperi Farjand, Sweta Naik, Vibha Singh, Prachi Gawas, Utkarsha Gaonkar, Leeann Moraes, Bhavana Upadhyay, Snehal Sail, Ankita Sail, Snehal Gauns, Shahnaz Shaikh, Naveen Gaonkar, Snehal Raikar, Arti Naik, Steffie Quadros, Prajata Kurtikar, Pooja Khavante, Snehal Shirke, Rima Desai, Lochan Narvekar, Sufala Gaonkar, Priyanka Subhash, Smruta Shinkre, Ranjana Malgaonkar, Rupali Virnodkar, Trupti Naik, Anusha Gaonkar represented College at the Inter-Collegiate Biotech event 'Synapse' on 11th and 12th December, 2012 organized by Department of Biotechnology of Parvatibai Chowgule College of Arts & Science, Margao, Goa. They brought laurels to the College by bagging the

'Overall Best College Award' besides winning maximum number of prizes for the various competitions held at the event. The students were accompanied by the JRF"Ms. Neha Prabhu and faculty member Dr. Carolina F. E. Fernandes.

Students of B.Sc. Semester II namely, Anchit Shet Parkar, Ruperi Farjand, Vibha Singh (Group I) and Purva Bhangui, Rachel Andrade (Group II) had participated in the Talk/College Competition held on 10th January 2013 at St.Xavier's College, Mapusa, for which Group I secured the Third Place at the College Competition.

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. 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.

Achievements of the Faculty Members:

Dr. Carolina F. E. Fernandes

1. 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.
2. Attended a talk by Mr. Sairaj Dhond on 'Solar energy as alternative' at PES's SRSN College on 8th September 2012.
3. 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.
4. 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.
5. 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.
6. Attended a talk by Mr. Kiran Purandare on 'Environment Conservation'

at PES's SRSN College on 18th January 2013.

7. Co-guide of Ms. Sanika Naik Ph.D. student in Microbiology at Goa University.
8. Co-PI of ongoing Major Research Project.
9. 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.

1. 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.
2. 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.
3. 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.
4. 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.

5. Attended a talk by Mr. Kiran Purandare at P.E.S's S.R.S.N. College on Environment Conservation on 18th January 2013.

6. 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.

7. 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.

8. 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.

9. Accompanied B.Sc. Industrial Chemistry students for a study tour to "West Coast Paper Mill Ltd" at Dandeli, Karnataka on 22/2/2013.

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

11. Member of Board of Studies in Microbiology.

12. Co-guide for two students doing their Ph.D. in Microbiology.

13. Principal investigator of ongoing Major Research Project.

Ms Flory Pereira

A) Participation in seminars and conferences:

1) Participated and attended a talk on "Cold loving bacteria from the Arctic and Antarctic: Occurrence survival and usefulness", by Dr. S. Shivaji- Sr Scientist - Centre for cell and molecular biology, Hyderabad on 5th Oct 2012 at Parvatibai Chowgule College of Arts & Science, Margao.

2) 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.

3) 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.

B) Paper Publications:

1) 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.

2) 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.

3) 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.

Neha Prabhu

1) "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.

2) 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.

3) 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.

4) 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.

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

Dr. Carolina F. E. Fernandes
Associate Professor & Head,
Department of Microbiology

STUDENTS COUNCIL REPORT

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 organised on 20th March, 2013.

Sandeep S. Lotlikar
Chairman, Students Council

ANNUAL REPORT OF MARATHI DEPT. 2012-13

Out of 18 Students (Entire 02+16 combination) for B.A. Sem. V. & VI Examination the overall passing percentage was 94% (combination) and 100% (Entire)

Miss Ketaki Marathe secured first place in the subject of Marathi by securing 68% in Entire Marathi Papers. She was awarded the subject prize instituted by Dr. Vidya Prabhudessai, HOD, Marathi.

'Parikrama' wall paper and PES Vangmay Mandal, a Literary Association mostly run by Students of Marathi Department along with Hindi-Konkani students. Students used the opportunity to express themselves through this activity.

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

Faculty Achievements - 2012-13

Dr. Vidya Prabhudessai

Associate Professor and HOD.

1) Presented Papers at Seminar organised by Dept. of Marathi Smt.

Parvatibai Chowgule College, Margao titled 'P.S. Narvekaranchya Katha'

2. Seminar organized by Shrimad Sheshshai Pratishtan Savoi, Verem Vyankatesh Anant Pai Raikar Janmashatabdi Mahostav - titled "Teen Taruni - Ek Akalan"

3. Was appointed Jury for Marathi Elocution Competition organized by Ponda School's Association, Shantadurga Shikshan Samiti etc.

4. Awarded 'Granth Puraskar' by Gomantak Sahitya Parishad for the book titled 'Gomantakiy Marathi Kadambari Aramb te 1990.

5. Has been the Convenor of the Board of Jury for B. B. Borkar Puraskar constituted by the Goa Hindu Association, Mumbai.

6. Got a Minor Research Project Sanctioned by UGC titled 'An Impact of Konkani and Marathi on Malvani Dialect.'

Dr. Vidya Prabhudessai
Head, Dept. of Marathi

DEPARTMENT OF MATHEMATICS

REPORT FOR THE YEAR 2012-2013

The Department of Mathematics was established in the year 1986. Currently the department has 2 full time and one part time (lecture basis) faculty. The faculty are very active in the field of research. The details of seminars / workshops attended by the faculty members are as follows :

1) **DR.KULKARNI MILIND N.**

i) 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.

ii) Attended one day seminar on "Syllabus at undergraduate courses" in Goa University on 29/09/2012.

iii) 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.

iv) Attended "**Ramanujan@125**", memorable lectures at Goa Science Centre, Miramar on 11/12/2012 organized by Vignyan Parishad, Goa.

v) 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.

vi) Participated in the workshop "**Free mathematical Software**" organized by Department of mathematics, Goa University on 22/02/2013 and 23/02/2013.

vi) Invited on behalf of the International organizing committee of CMFT 2013 (Computational Methods and Function Theory) to give a **25 minutes talk** at the Annual Conference to be held at **Shantou University, Shantou Guangdong P.R.China from 10-14 June 2013.**

2) **MS. GOVEKAR SWETA**

i) Attended one day seminar on "Syllabus at undergraduate courses" in Goa University on 29/09/2012.

ii) Attended "**Ramanujan@125**", memorable lectures at Goa Science Centre, Miramar on 11/12/2012 organized by Vignyan Parishad, Goa.

iii) 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.

iv) Participated in the workshop "**Free mathematical Software**" organized by Department of Mathematics Goa University on 22/02/2013 and 23/02/2013.

3) MS. MEETA AMONKAR

i) Attended "**Ramanujan@125**", Memorable lectures at Goa Science Centre, Miramar on 11/12/2012 organized by Vignyan Parishad, Goa.

ii) 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.

iii) Participated in the workshop "**Free Mathematical Software**" organized by Department of mathematics Goa University on 22/02/2013 and 23/02/2013.

iv) Published Paper in the year 2012-13 (related to manifold)

Dr. M. N. Kulkarni
Head Dept. of Mathematics

P.E.S. COLLEGE ALUMNI ASSOCIATION ANNUAL REPORT 2012-13

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 at 11.30 a.m. in the P.E.S. Library Reading Hall during the Kala Sangam Activities.

The duration for the Poster Painting was 1 hour and the topic - 'Mining Ban in Goa - Aftermath' was provided on the spot. In all 11 participants took part.

The Prize Distribution was held at the hands of the Chief Guest Shri. Ravi S. Naik, President of P.E.S. at 5pm. on the same day in presence of the Vice-Principal Dr. Sima Kamat, Students Council

Chairperson Shri. Sandeep Lotlikar, Cultural Advisor Dr. Anita Tilve. and Alumni President Shri. Bipin A. Shinkre. 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 judges for the Event were : Dr. M. N. Kulkarni, Shri. Bhushan Bhave and Dr. S. H. Bhosale.

Dr. K. R. Kunkolienkar
Convenor
P.E.S. College Alumni Association

ANNUAL REPORT

DEPARTMENT OF CHEMISTRY 2012-2013

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).

The enrolment of the students for the year 2012-13

- ❖ F.Y.B.Sc (I & II semester) -- 158
- ❖ S.Y.B.Sc (III & IV semester) -- 91
- ❖ T.Y.B.Sc (V & VI semester) -- 61 for six units & 15 for 3 units.

Teachers Activity

The Teaching staff members of the Chemistry Department were involved in various curricular and co-curricular activities.

1) Dr. Vikas J. Pissurlekar (H.O.D)

- a) Dr. Vikas J. Pissurlekar was sanctioned a minor research project by UGC for Rs.70,000/-.The project titled Synthesis, characterization and magnetic study of some soft mixed metal ferrites in April 2012.

- b) Dr. Vikas J. Pissurlekar took the charge as Head of the Department on 2nd January 2013.
- c) Elected as member of Academic Council of Goa University for a term of two years 2012-2014.
- d) Nominated as member on standing Committee of Academic Council for a period of two years 2012-14.
- e) Visited different Colleges as a member of Affiliation Inquiry Committee of Goa University.
- f) 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

- a) 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. Following students represented the College in the said

symposium.

Sr. No.	Title	Type of Presentation	Presented by
1	Eco Friendly products of waste paper	Oral	Mr. Shukraj S. Naik Gurav
2	Analysis of different brands of fortified wheat flour using different parameters	Oral	Ms. Ravina Jalmi
3	Synthesis of Barium Titanate by Electroless Method	Poster	Ms.Padmini G. Matnekar

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.

Dr. Vikas J. Pissurlekar
Head Dept. of Chemistry

ANNUAL REPORT OF THE DEPARTMENT OF ZOOLOGY, 2012-2013

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 laboratories are furnished with 'built in tables etc.

The performance of the students for V and VI semester examination was excellent for the academic year 2011-12. We achieved 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.

Through the subject forum and Survival Nature Club, the department organized various activities which are mentioned in their respective reports.

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.

1. Goa Dairy, Ponda where the students

were exposed to process of milk procurement and processing it into milk products.

2. 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 trip was beneficial to the students. 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. The trip was very exciting.

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. Teja Gramopadhye and Dr. S.H. Bhosale are working on 'Antifaunal diversity in Bondla Wildlife Sanctuary'. Shri. G.P.P. Khanolkar attended two days National Seminar at Kudal.

Dr. S.H. Bhosale and Shri. G.P.P. Khanolkar along with the students attended the lecture series organized by Parvatibai Chowgule College, Margao.

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.

A. V. Deshpande
Head Department of Zoology

ZOOLOGY STUDY FORUM REPORT 2012-13

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 collaboration 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. Poisonous & Non Poisonous snake & their identification was presented by Shri. Amrut Singh. Live snakes were handled & shown by him & his team.

Dr. (Mrs.) Deeparani K. Prabhu
Convenor

REPORT OF SCIENCE FORUM ACTIVITIES FOR THE YEAR 2012-13

The committee consisted of Dr. Girish V.S. Kundaikar, Dr (Mrs.) Caroline Fernandes as the members and the undersigned as the convenor.

The committee met and decided to hold a few lecture series under the Science Forum activities for the year 2012-13 from 11.30 a.m. to 12.15 p.m. on certain selected dates.

The pilot programme under this plan was a lecture delivered by Dr. (Mrs.) Deeparani Prabhu on the topic- "Biological control of Insect Pests and vectors". The lecture was held on 30-8-2012 from 11.30 a.m. to 12.15 p.m. in the college seminar hall and was largely

participated. Following to the lecture, time was allotted for discussion. In the discussion that followed 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"

Susan Marcos
Convenor
Science Forum

ANNUAL REPORT OF 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. Students of B.Sc. Semester 1,111 and V enrolled as members.

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.

Our student 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.

Deepa Fernandes
Advisor
Survival Nature Club

DEPARTMENT OF PHYSICAL EDUCATION

ANNUAL REPORT - 2012-2013

The functioning of Department of Physical Education of the college has been very impressive since the inception of the college in 1986. We have great pride in presenting the achievements. We have Ten Students (10 Students) who have exceptional performance, Miss. Sidhita Sadanand Naik and Ms. Nasrim Banu A.R. Nallikun has 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 Devlil 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.

This was carried under the able supervision effective guidance & hard work of Prof. D.M. Desai, Director of Physical Education and Sports. Dr, M.N. Kulkarni Gymkhana Advisor & enthusiasm of Mr. Aaron A. Pereira, Gymkhana Secretary. The activities were well supported by Management, The Principal, Vice-Principal. Staff and members of the Student Council & Students.

GROUP ACHIEVEMENTS

1. In Inter-Collegiate Volleyball (Men) Tournament, we won Third time Goa University Championship 2012-2013 (Hatrick).
2. In Inter-Collegiate Cricket (Women) Tournament, We were Runners-Up Goa University Championship.

INDIVIDUAL ACHIEVEMENTS

1. Miss. Sidhita S. Naik from T.Y.B.A., Roll No. 132 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., Roll No. 310 represented the BCCI South Zone Senior Women's T-20 Cricket Tournament held at Chennai.

3. Mr. Sunil G. Vagekar from F.Y.B.A., Roll No. 256 represented Goa State and Goa University in Kho-Kho tournament held at Devilal Stadium, Gurgaon.

4. Mr. Nilesh G. Vagekar from F.Y.B.A., Roll. No. 308, represented Goa University, West Zone Inter University Men Kho-Kho Championship held at University & Mumbai P .L. Shroff College Chinchani, Thane.

5. Miss. Hema K. Gaude from S.Y.B.A., Roll No. 202 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.

6. Miss. Tanuja G. Gaude from S.Y.B.A., Roll No. 136 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.

7. Miss. Bindiya K. Gaude from T.Y.B.A., Roll No. 144 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.

8. Miss. Anuradha Sugga from S.Y.B.A., Roll No. 289 represented Goa State for Junior National Judo Champi-

onship at Gurgaon, Hariyana.

9. Mr. Aditya S. Parkar from F.Y.B.A., Roll No. 197 represented Goa State in Cricket Under-19 Cooch Behar Trophy held at Baroda organized by B.C.C.I.

10. Mr. Aaron A. Pereira from T.Y.B.A., Roll No. 211 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.

11. Mr. Dessai Vinayak P. from T.Y.B.A. Roll No. 292 won Bronze medal in Inter-Collegiate Judo Championship organized by Goa University.

12. Mr. Naik Akshay Amresh from F.Y.B.A., Roll No. 129 won Bronze Medal in Inter-Collegiate Judo Championship organized by Goa University.

13. Mr. Naik Ashish D. from T.Y.B.A. Roll No. 768 won Gold Medal in Inter-Collegiate Power Lifting Championship & Silver Medal in Best Physique Championship organized by Goa University.

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

D. M. Desai

Director of Phy. Education
Head, Dept. of Phy. Education

DEPARTMENT OF BOTANY

The Department of Plant Science (Botany) was established in the year 1986 together with the Department of Zoology and later in the year of 1991 separated as an independent Botany Department. Today the Botany Department of the institution is 22 years old.

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 finally 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.

Achievements of the Faculty Members

Dr. Sima V. Kamat

- 1) Attended two day National Conference on Plant Sciences organized by Parvatibai Chowgule College Margao on 7th and 8th Feb. 2013.
- 2) 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.

- 3) Attended National Conference on Plant Sciences organised by Chowgule College on 7th & 8th Feb. 2013. Also chaired one of the session for the same.
- 4) Judge for all Goa Inter-Higher Secondary school Competition on Environmental issues organised by S. S. Samiti's Higher Secondary School.
- 5) Published (i) Articles on Wetland & their conservation in the Times of India 3rd April 2013. (ii) Articles on Aquatic weeds and their uses in the Times of India 19th April 2013.

Mrs. Ranjita U. Sawaiker

- 1) Attended two day National Conference on Plant Sciences organized by Parvatibai Chowgule College, Margao on 7th and 8th Feb. 2013.
- 2) Attended Meeting of all Botany teachers to discuss regarding the Botany curriculum at Goa University on 12th Jan. 2013.
- 3) 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

- 1) Attended two day National Conference on Plant Sciences organized by Parvatibai Chowgule College, Margao on

7th and 8th Feb. 2013

2) Attended meeting of all Botany teachers to discuss regarding the Botany curriculum at Goa University on 12th Jan. 2013.

Ms. Lynette Fernandes

1) Attended two day National Conference on Plant Sciences organized by Parvatibai Chowgule College, Margao on 7th and 8th Feb. 2013

2) 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 tech.

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. An Arboratum an exsitu method of Biodiversity conservation where the woody tree sps. one maintained in separate plots.

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 they visited Regional Fruit Research Centre, Vengurla. At Amboli they studied the Flora through their visits to Mahadevgad, Hiranyakeshi and Kavlesad Points and the Garden with Medicinal Plants.

Visit to Satpal Arboratum, Sacorda, Goa

On 10th of February, the Botany Department of P.E.S. College organized a local study field trip to Satpal Arboratum at Sacorda. Students were accompanied by Dr. P. Bhattacharya, Mrs. Ranjita Sawaikar, Mrs. Bhagyashri Halankar, Mrs. Lynette Fernandes and Dr. Rupali Bhandari.

Arboretum is an excellent method of Bio-Diversity conservation. This is a place where woody and different types of plants are protected. Ms. Daksha Lambor, the Forest Officer, briefed on the plantation present in the Arboretum. Arboretum is also used for research purpose in the field of Botany. Further she informed about different plots used for raising different plant species. She informed about six different species of bamboo. Later, we were introduced to different plots used for raising different types of timber fielding, medicinal, fumitories & masticatories, fibre yielding, spice yielding plants etc.

Visit to West Coast Paper Mill Dandeli (Karnataka)

A visit to one of the oldest and known Paper Manufacturing Unit of India is the West Coast Paper Mill of Dandeli located near the Kali River in the lush green forest of the Western Ghats was organized by the Industrial Chemistry Unit of the Chemistry

Department of our College on 21st February, 2013. This factory is owned by Bhangur family of Marwar of Western Rajasthan. There were total 29 students and 05 staff members (Botany Teacher Dr. P. Bhattacharya, Micro-Biology Teacher Dr. Sunita Borkar and three Teachers of the Chemistry Dept., Viz. Dr. S. D. Gokakakar, Dr. B. L. Malik and Shri V. S. Dangui.

The group left for Dandeli on 21st February 2013 by hiring a private bus at 12.00 noon and reached at Dandeli at 7.00 pm. Our stay was arranged there in a Guest House which was earlier used by the officers of the West Coast Paper Mill. Next day, They all directly went to the Mill after having Breakfast in a Hotel. Then, names were registered at the Paper Mill and were provided with a Helmet with a provision of a Torch, One, Mr. Sheikh, PRO (Public Relation Officer), was deputed for the group to show the various sections in the Paper Mill. They were informed not to click any photograph at any of these sections, not even using a cell phone. They were informed about-

Raw materials,
Waste papers,

Wood Pulp Preparation - namely,

- 1) Mechanical,
- 2) Chemical,
- 3) Semi-Chemical.

They were also shown and informed about

Bleaching,
Washing,
Beating,

Sizing and
Loading process.

Dr. William Carre is credited with laying the foundations of the Modern Paper Industry in India. In 1866, Bally Paper Mill was established at the bank of the Hooghly River, near Kolkata. The first news printing Mill was started in 1947 at Napanagar, Madhya Pradesh.

The group was informed that the name "Paper" is derived from the word "Papyrus", a sheet made by pasting together these sections of an Egyptian reed (Lat. Cyperus Papyrus), the name of sedge. As early as 2400 B. C. the Egyptian used the pith of this sedge for making paper. However, the Chinese were the pioneers in the field of Paper Making and the oldest papyrus sheet can be traced back to nearly 5000 years. The highly cultured Aryan Civilization were using dried and processed palm leaves and thin bark sheets of "Betula utilis" commonly known as "Bhojpatra", The famous Indian Epics: Ramayana and Mahabharata were written in Bhojpatras. Straw and wood were tried in England and France as early as 1800, but, it was not until about the middle of the 19th Century that practical technique were developed for converting wood into wood pulp.

Later, in the afternoon time, the students were directed to the R & D Section of the Paper Mill, where they saw the pilot plant and the research activities going on there.

Finally, they came out from the Paper Mill and went to the Hydro Electric Ganesh Gudi Dam. This is under the

control of KSPC, Karnataka State Power Corporation. they were not allowed to go to the T-6 point as the Non Professional Colleges need a special permission from Bangalore to visit that point where there are six turbines (T-6 Points). They went to the sky point and could experience a wonderful site of the Dam surrounded by the Flora of the Western Ghats in the evening, we started for Goa and reached late night.

Visit to NCAOR - National Centre for Antarctic and Ocean Research

On Thursday, 11th April, 2013, we visited NCAOR, National Centre for Antarctic and Ocean Research, 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 them to the Auditorium and informed us about the functioning of the Research Centre with following aims and objectives :

- Undertake, aid, promote, guide and co-ordinate scientific research in the fields of Polar and Southern Ocean Sciences.
- Serve as a nodal agency responsible for the overall coordination and implementation of the Indian Antarctic and Arctic Programmes.
- Establish and maintain research base in Polar Regions and provide all operational and logistic support.
- Encourage multi-disciplinary and multi-institutional research both, at National and International levels,

especially in the frontier areas of science, which have potential applications.

- Devise, formulate and initiate programmes, which will create knowledge base for future commercial and thematic interests of India in Antarctica, Arctic and the Southern Ocean.
- Effectively interact and liaison with ATCM, SCAR, COMNAP and other international bodies in order to keep the Indian Antarctic programmes abreast with international developments and to ensure a perceptible presence of India in global framework of nations in Antarctica.
- Extend a singular research Laboratory setup with such facilities which are of specialized nature or otherwise not easily accessible.
- Develop predictive models for dynamic processes controlled and driven by Antarctica and the surrounding oceans.
- Coordinate, address and monitor all environmental issues in Antarctica arising out of the Environmental Protocol.
- Develop a complete database inventory and repository (National Antarctic Data centre) for Antarctic and Arctic Science and logistics including a polar museum and a library.
- Provide fertile platform to generate specialized human resource

capabilities for polar science and logistics through training, fellowships, awards, workshops, publications and exchange of scientists, etc., both at national and international levels.

- Cruise planning and management of the oceanographic research vessels engaged by the Ministry of Earth Sciences and the NCAOR.
- Take up other scientific and technological projects of the Ministry of Earth Sciences when entrusted.

The Laboratory, also, has the following facilities in their instrumentation section viz;

- Ion Exchange Chromatography,
- Stable Isotope Ratio Mass Spectrometers,

- Coulter Counter,
- TOC - Analyzer,
- Electrical Conductivity measurements,
- MASTIL,
- Epilfluorescence Microscope,
- Bio-Multi Incubator,
- HPLC
- Gel Documentation System,
- Fluorometer,
- Ion Chromatography, etc.

In the evening, they were again taken to the Auditorium where they were shown a wonderful and exciting Film on the Antarctica and Arctic Scientific Expedition.

Dr. P. Bhattacharya
Head, Dept. of Botany

Annual Report of Botany Colloquium 2012-13

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 undertaken 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 was a time when in India, people died because of mal-nutrition. It is really very difficult to forget the famine of Bengal in 1870 and then in 1942, when crores of people were found affected with 90 Lacs people dead. Prof. Amartya Sen and Anthropologist Prof. T. C. Das of Kolkata University have given independent view in recent past on this aspect. The trauma of famine is over long back. We have fought this demon bravely. In fact, man is leading a very happy go lucky life as compared to those days. But, the situation still remains quite grave as every day a number of

people dying due to Moral Famine i.e. severe scarcity of Ethical Values and also, due to the negligence. The irony of the situation is this that there is substantial food to curb the hunger, but, there is either no or very scanty emities 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. Yes, the AIDS virus is slowly destroying the body organs and stopping the total machinery to a sudden halt.

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 at 11.00 a.m. 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.

The guests were escorted to the dais by the Convenor, Red Ribbon Club. The formal welcome and introduction of the dignitaries was done by Principal, Dr. Anil Dinge. The Programme started with an invocation song presented by Ms. Shambhavi Ghaisas and group.

The formal welcome followed lighting of the lamp by the dignitaries with RRC, Advisory Committee, Convenor and 2 student members, Mr. Vijendra Kavalekar and Ms. Ravina Jalmi.

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 Strategies, Care and Support,

Treatment and Basic Services, etc. She informed that a person can transmit the virus even when he/she seems apparently healthy and shows no symptoms. Many infected persons may not show symptoms for years. But, over a period of time, the immune system weakens. The T-Cell count falls, and the person is said to have AIDS, when the count is below 200 per cubic mililitre of blood.

This makes it easier for infections to set in. AIDS is the final stage of the HIV infection. In some persons, it can take up to 10 years after the initial infection for the disease to set in.

The audience was enlightened by two poetry recitations in Hindi on AIDS by the Convenor, Dr. P. Bhattacharya. The programme was compered by Ms. Lynette Femandes and vote of thanks by Ms. Deepa Femandes.

Dr. P. Bhattacharya
Convenor

Reports of the Activities of Department of Konkani 2012-2013

The activities of the Department started with enrolment of 41 students at F.Y.B.A. Shri. Bhushan Bhawe, Associate Professor along with Mrs. Sheetal Desai and Mrs. Antima Desai both on lecture basis were appointed for this academic Year.

The annual orientation course for the newly joined students was conducted on 23, 26 and 27 July, 2012

The students were encouraged to participated in various elocution, essay writing competitions organised by various institution in Goa.

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, 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.

Smt. Sheetal Desai, has been selected an Assistant Professor & H.O.D. for a period of 2 years, in place of Prof. Bhushan Bhawe.

Sheetal Desai
Head, Dept. of Konkani



Photo Session

Congratulations

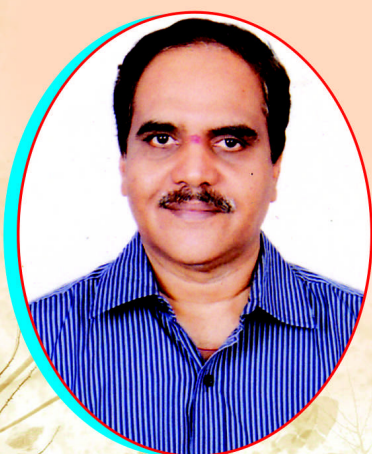
Dr. Padmaja Vijay Kamat

*was awarded the degree of Ph. D.
in History with the distinction
of being Self-Guide
by the Goa University
for the Thesis
'Ponda: A History of Temples'
at the 25th Annual Convocation
held on 2nd February, 2013*



Dr. Girish V.S. Kundaikar

*was awarded the degree of
Doctor of Philosophy
in Physics by Goa University at the
25th Annual Convocation held on
2nd February 2013. His thesis was titled
'Electrical and Magnetic Properties
of Nano-particle Mn-Zn ferrite
obtained from Novel method of Synthesis'*



INDIVIDUAL ACHIEVEMENTS

■ T.Y. B.Sc. First Class with Distinction ■



Shet Kumbhar Sanjyoti U.



Sinai Usgaonker Sanjyot S.



Jangam Santosh K.



Naik Rohit R.



Akarkar Sandhya K.



Chodankar Smita G.



Fadte Dipteja D.



Gauda Karishma K.



Hunashikatti Vijayalaxmi S.



Kavlekar Pritesh P.



Kavlekar Yogeeta L.



Kavlekar Yuti S.



Kerkar Rahul D.



Shet Talaulikar Laksha U.



Mardolkar Manvika R.



Naik Kirti U.



Naik Neha G.



Naik Sapna D.



Naik Shama U.



Naik Sindiya R.



Naik Suvidha G.



Parab Akshaya J.



Patil Sujata P.



Prabhu Akshaya B.



Prabhu Karishma D.

INDIVIDUAL ACHIEVEMENTS

■ T.Y. B.Sc. First Class with Distinction ■



Prabhu Pragati P.



Sawant Asmita A.



Sawant Swati L.



Lamani Shankar B.



Shirodkar Onkar H.



Sinari Smruti S.



Tari Divya D.



Hegde Amit V.



Kolvekar Siddhesh R.



Naik Atish A.



Parab Sufala M.



Shetgaonkar Vithal D.



Vaiganker Ratiksha R.



Desai Diksha S.



Karmalkar Pritam G.



Satarkar Siddhi S.



Shetkar Neha L.



Gaonkar Sanket K.



Gaunekar Rajat Y.



Kerkar Krutika P.



Komarpant Shikha S.



Naik Dhanshree A.



Naik Manjita M.



Naik Pranali C.



Naik Rohita R.

INDIVIDUAL ACHIEVEMENTS

■ T.Y. B.Sc. First Class with Distinction ■



Naik Saili A.



Nunes Andria Clara



Phadtye Sabhyata R.



Rodrigues Savia



D'Souza Agnelo

■ T.Y. B.Sc. First Class ■



Naik Pooja G.



Parab Pratiksha D.



Rai Manasa P.



Deshbhandari Diya



Kalangutkar Vandan V.



Prabhu Tanvi N.



Naik Shashwita S.



Borker Neha D.



Shetkar Vaibhav D.



Phaladesai Pranav M.



Gauns Chandan C.



Surlaker Pratik P.



Asogekar Pratik A.



Bhat Prabhu Pratik V.



Chikodkar Pratik M.



Devari Ashudeep A.



Gaonker Vishnu S.



Sawant Talauliker Nikhil D.



Pawar Jyoti G.



Phadte Bhupendra R.

INDIVIDUAL ACHIEVEMENTS

■ T.Y. B.Sc. First Class ■



Namshikar Shivani R.



Naik Shalaka S.



Naik Shweta P.



Naik Preetam A.



Naik Prajakta J.



Naik Nikita K.



Naik Poonam S.



Naik Karishma R.



Naik Akhil U.



Naik Apeksha L.



Naik Deepali R.



Naik Mayuresh N.



Naik Mayuri S.



Naik Nagesh D.



Kerker Hemangi K.



Kurtikar Mamta S.



Laad Pranali P.



Mashelkar Vandana P.



Chapekar Mukta S.



Ghadi Samprita B.



Gaude Bhupesh P.



Gaonkar Vallavi N.



Cabral Morvil R.



Shukla Anjali K.



Pawshe Shalaka P.

INDIVIDUAL ACHIEVEMENTS

■ T.Y. B.Sc. First Class ■



Jha Raushan K.



Gaude Sachin V.



Gaude Umakant P.



Gaude Vidhya V.



Kumbhar Geetanjali L.



Naik Gaurav G.

■ T.Y. B.A. First Class with Distinction ■



Godinho Sweta



Raikar Pooja S.



Alvares Alifa

■ T.Y. B.A. First Class ■



Mane Sangeeta B.



Gaunekar Pritam V.



D'Costa Anita



Gavandalker Chaitali C.



Gawde Shradha T.



Madkaiker Reema R.



Naik Parinita M.



Naik Tanvi C.



Athalye Shruti S.



Chari Ram D.

INDIVIDUAL ACHIEVEMENTS

■ T.Y. B.A. First Class with Distinction ■



Fernandes Sebastiana J.



Gavade Prajyoti P.



Tripathi Saumya



Gaudhe Heena S.



Parab Dattaraj Y.



Kavlekar Ashweta A.



Naik Piyusha P.



Naik Priti S.



D'Souza Fermina Stacy



Sawant Shradha S.



Manerkar Amisha D.



Prabhu Vipresha M.



Gavli Sushma D.



Marathe Ketaki V.



Sangodkar Priyanka V.

INDIVIDUAL ACHIVEMENTS



Hema Gawade, S.Y. B.A.
 - represented Goa State Floorball Team for Senior National
 - won Gold Medal in Judo at Inter-Collegiate organised by Goa University



Sidhita Naik,
 T.Y. B.A.
 - represented the BCCI South Zone Senior Women's T-20 Cricket Tournament



Bindiya Gaude,
 T.Y. B.A.
 - represented the BCCI South Zone Senior Women's T-20 Cricket Tournament



Nasrim Banu,
 S.Y.B.A.
 - represented the BCCI South Zone Senior Women's T-20 Cricket Tournament



Aditya Parkar,
 F.Y. B.A.
 - represented the Goa State in Cricket U-19 BCCI Cooch Behar Trophy



Anuradha Sugga,
 - participated in National Judo Championship



Vinayak Dessai,
 T.Y. B.A.
 - won Bronze Medal in Inter-Collegiate Judo Championship organised by Goa University



Tanuja Gawade,
 S.Y. B.A.
 - represented Goa State Floorball Team for Senior National



Ashish Naik,
 T.Y. B.A.
 - won Gold Medal in Inter-Collegiate Power Lifting and Silver Medal in Best Physique organised by Goa University

PHOTOGRAPHS



Student's Council Members taking Oath during inauguration of Student's Council.



Invocation Song at the inauguration of Student's Council



Patriotic Singing Competition - Group.



Patriotic Singing Competition - 'Solo'



Shri R.G. Desai, Treasurer of P.E.S. hoisting the flag on 26th January 2013.

PHOTOGRAPHS



Principal addressing during the Inauguration of Student's Council.



Members of the Governing Council and Principal at the Republic Day Flag hoisting



Shri R.G. Desai, Treasurer of P.E.S. addressing at the Republic Day



Shri. R.G. Desai releasing the 1st Issue of Wallpaper 'Pravardhan' at Botany Colloquium inauguration



Winners of Ekankika Spardha with Treasurer of P.E.S. Shri. R.G. Desai



Chowgule College, Lecturer Shri. Hanumant Chopdekar, Vice-Principal Dr. Sima Kamat and Dr. Vidya Prabhudesai at P.E.S. Vangmay Mandal inauguration

PHOTOGRAPHS



President of P.E.S. Shri. Ravi S. Naik giving away Miss Era Award at the P.E.S. Archives History Event Era - 2013 a Tryst with Time.



President of P.E.S. Shri. Ravi S. Naik giving away Certificates at the P.E.S. Archives History Event Era - 2013 a Tryst with Time.



President of P.E.S. Shri. Ravi S. Naik giving away Certificate at the P.E.S. Archives History Event Era - 2013 a Tryst with Time.



President of P.E.S. Shri. Ravi S. Naik giving away the Trophy at Era - 2013 a Tryst with Time Event in presence of Prof. Prajal Sakhardande



P.E.S. Archives Era - 2013 a Tryst with Time.



P.E.S. Archives Era - 2013 a Tryst with Time.

PHOTOGRAPHS



President of P.E.S. Shri. Ravi S. Naik at the Student Aid Fund Activity.



Chief Guest Shri. Shantaram Naik and President of P.E.S. Shri. Ravi S. Naik arriving for the formal function at the Annual Social Gathering



Welcoming Chief Guest Shri. Shantaram Naik Honourable Member of Rajya Sabha at the Annual Social Gathering



Prize Distribution at the hands of Shri. R.G. Dessai Treasurer of P.E.S. Society at Kala Sangam



Poster Painting Competition organised by Alumni of P.E.S's S.R.S.N. College of Arts & Sc.

PHOTOGRAPHS



*Treasurer of P.E.S. Shri. R.G. Desai
Lighting the Traditional Lamp at the
Ribbon Club Inauguration*



*Dr. Nutan Dev PHC Health Officer
Lighting the Traditional Lamp at the
Ribbon Club Inauguration*



*Speech by Principal at the
Ribbon Club Inauguration*



*Committee Members, Principal with dignitaries
from Goa State Aids Control Society &
Health Officer, PHC*



*Dr. Manoj Borkar Associate Professor at
Carmel College, speaking at
Zoology Study Forum Lecture*



*Shri. Amrut Singh, Animal Recque Squad, Bicholim
Conducting live snake show at
Zoology Study Forum function*

PHOTOGRAPHS



*T.Y. B.Sc. Botany Students & Teachers alongwith
Dr. S.M. Singh (Scientist)
& Dr. M.V. Ramesh (Scientist) NCAOR*



*T.Y. B.Sc. Botany Students alongwith
Dr. M.V. Ramesh (NCAOR)*



*Chairman of Student Council addressing,
during the inaugural function of Kala Sangam*



*Cultural Advisor Dr. Anita Tilve and others
at the Best - Out of Waste Competition.*



Vegetable Carving



Rangoli Competition.

PHOTOGRAPHS



*Dr. S.H. Bhosale addressing
at Science Forum Talk*



*S.Y. B.Sc. Zoology field trip to
PHC, Madkai*



*Dr. A.V. Deshpande introducing
Shri. Amrut Singh*



*Dr. Deeparani Prabhu addressing
at Science Forum Talk*



*Audience at Snake Show organised by
Zoology Study Forum*



*Audience at Snake Show organised by
Zoology Study Forum*

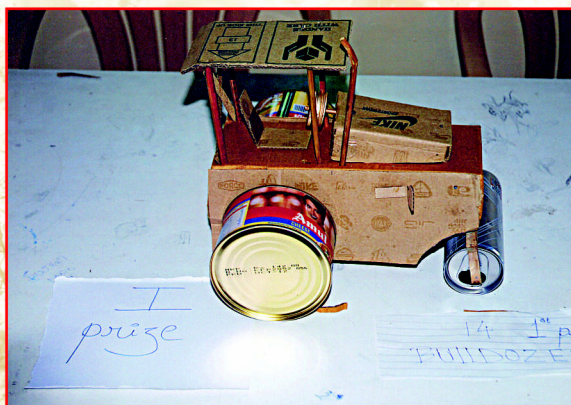
PHOTOGRAPHS



Entry Parade of Kala Sangam



Face - Painting Competition.



First Prize Winner - Best of Waste



Group Dance Competition.



Fancy dress competition of Kala Sangam



Fancy dress competition of Kala Sangam



Guess how many?? Group - Dance Competition.

PHOTOGRAPHS



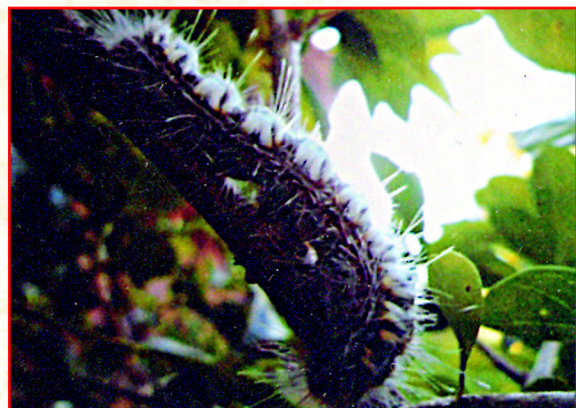
Rangoli Competition.



Fashion Show Competition.



Rangoli Competition.



Photography Competition.



Photography Competition.



Photography Competition.

PHOTOGRAPHS



Fashion Show Competition.



Mime Competition.



Solo Dance Competition.



Solo Dance Competition.



Vegetable Carving.



T.Y.B.Se. - Group performing at the Group Dance Competition of Kala Sangam.



IIIrd Prize for Best - Out of Waste.

PHOTOGRAPHS



Rangoli Competition.



Group Dance Competition.



Flower Competition.



Photography Competition.



Photography Competition.



Fashion Show Competition.

PHOTOGRAPHS



Manologue Competition.



Solo Dance Competition.



Flower Competition.



*Overwhelming response for
Mehendi Competition.*



*Solo dance Performance
at the Gathering*



Debate Competition.



*Kavya Vachan at the
Annual Social Gathering*

PHOTOGRAPHS



*Invocation song
at the
Annual Social Gathering*



*Orchestra Performing
at the Gathering*



*Laxmi Performance
at the Gathering*



*Monologue Performance
at the Annual Social Gathering*



*Solo dance Performance
at the Gathering*

PHOTOGRAPHS



Tree Plantation by NSS Volunteers



NSS Volunteers with the in-charge of Sanjeevan Mrs. Asha Savordekar



Collection of Plastic Bags for Re-cycling by NSS Volunteers



Shri. Prakash Desai Ex-GPSC Chairman, Goa lighting the traditional lamp

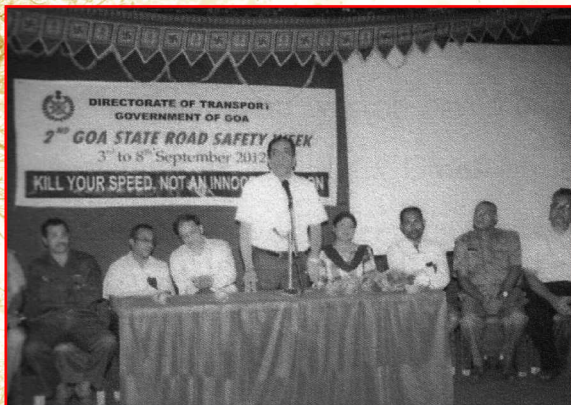


Treasurer of P.E.S. Shri. R.G. Desai lighting the traditional lamp



Shri. Prakash Desai Ex-GPSC Chairman, Goa Speaks at the Lecture series on 150th Birth Anniversary of Swami Vivekananda

PHOTOGRAPHS



Shri. Pandurang Dhavalikar Hon'ble Minister for Co-operation Speaks at Road Safety Week



NSS Programme Officers and NSS Volunteers at the Road Safety Week



President of P.E.S. Shri. Ravi S. Naik at the Mahatma Gandhi Jayanti Function organised by NSS



Shri. Bal Purohit of Shree Shantadurga Devasthan at the NSS Camp inauguration



Chief Guest Sarpanch of V.P. Fatorpa Shri. Sanjil D'Costa lighting the traditional lamp at the NSS Camp inauguration



Morning Exercise during NSS Camp

PHOTOGRAPHS



*Shramadhan activity at
Shree Shantadurga Kunkolienkarin Devasthan*



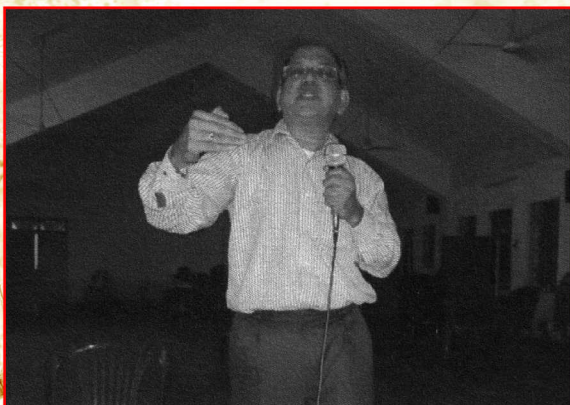
*Trekking for NSS Volunteers in and around
Fatorpa village*



Intellectual Sessions at the NSS Camp



Intellectual Sessions at the NSS Camp



Intellectual Sessions at the NSS Camp



Valedictory function of NSS Camp



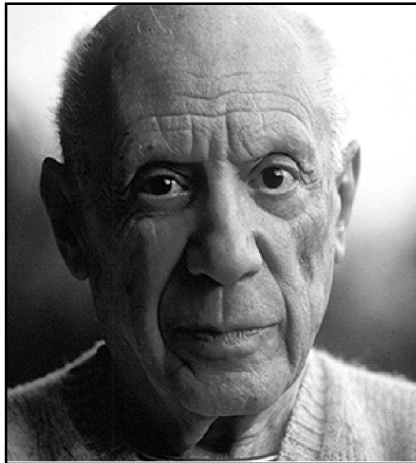
English Section

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“PABLO PICASSO” : The making of an Artist.

- Lochani Naik
S.Y.B.A. (B)



P a b l o
Ruiz Y.
Picasso
a l s o
known as
P a b l o
Picasso,
was born
on 25th
October
1 8 8 1 ,
Malaga in
Spain. He

spent his adult life mostly in France. He was an all rounder genius who possessed the skills of the painter, sculptor, printmaker, ceramicist and stage designer. He is credited with co-founding of the Cubist Movement, invention of the constructed sculpture and the co-invention of collage. He is well known for development of wide a variety of styles.

Picasso's famous works include the proto-Cubist *les Femmes d'Alger* (1907) and *Guernica* (1937). This was the portrayal of the German bombing of Guernica during the Spanish Civil War. He was the most renowned artist who defined the revolutionary developments in Plastic arts along with Henry Matisse and Marcel Duchamp at the opening decades of the 20th century. Picasso's talent of painting in a realistic manner was unleashed during his childhood and

adolescence. In the beginning of the 20th century, by experimenting with different theories, techniques and ideas, he completely changed his style, which brought him the ultimate fame and fortune.

PICASSO'S ART WORKS

ART

“Art is a lie that makes us realize the Truth”

As a prolific draftsman, sculptor and printmaker Picasso considered painting as his primary medium and he used his imagination or memory as a base for painting. Picasso used common house paint in many of his painting which was confirmed by physicists at Argonne National Laboratory in 2012 from his painting ‘The Red Armchair’ (1931).

Picasso's work is categorized into the following periods :

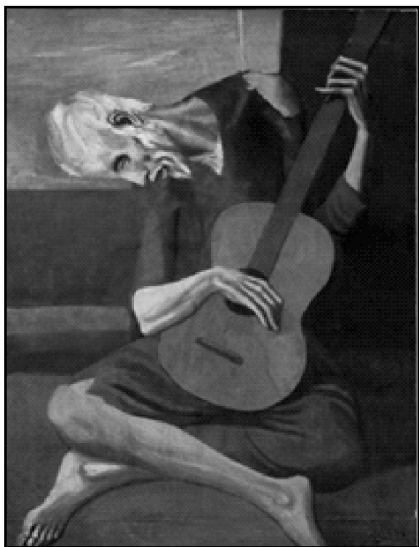
- Before 1901
- Blue period (1901-1904)
- Rose period (1905- 1907)
- African-influenced Period (1908-1909)
- Analytic Cubism (1909-1912)
- Synthetic Cubism (1912-1919)

❖ Before 1901

Picasso as a child was trained by his father before 1890. His progress in

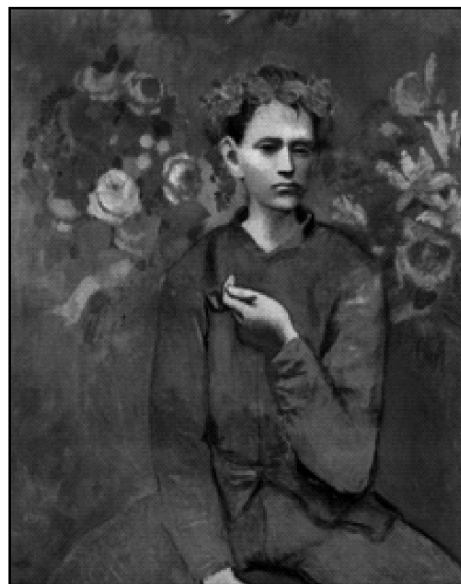
painting is evident from the collection of his early works displayed at the Museu Picasso in Barcelona. He began his career as a painter in 1894. His most dynamic paintings which marked the beginning of his career were The First Communion (1896), Portrait of Aunt Pepa which he painted at the age of 14 years.

❖ Blue period (1901-1904)



In search for fame Picasso and his friend Charles Casagemas moved to Paris. A year later Casagemas committed suicide as a result of his failed affairs. This event depressed Picasso deeply and as he was poor the situations compelled him to identify and relate himself to the beggars, prostitutes, and the downtrodden in society. These event and circumstances marked the beginning of Picasso's Blue Period in 1901, which lasted till 1904. The period is highlighted by flat expanses of blue, grey, and black, melancholy figures suffering from poverty and humiliations from society. The most notorious of his work during this period was The Old Guitarist – an oil painting depicting an old, blind, haggard man in rags weakly hunched over his guitar. Picasso's poor standard of living and the suicide of his

dear friend greatly influenced his style, which came to be known as the Blue Period.

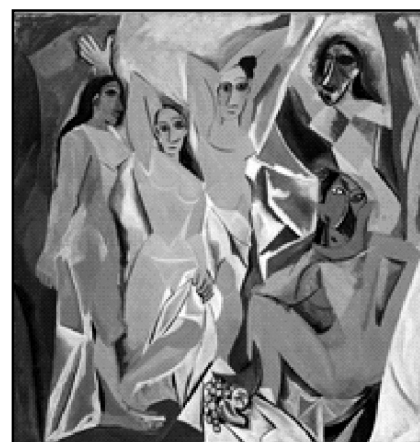


❖ Rose Period (1905-1907)

Marked by more cheery style with the use of orange and pink

colors and featuring circus people, acrobats and harlequins of France. It was during this time that Picasso met Fernande Olivier, a model for sculptors and artists, in Paris in 1904. The paintings of this period are influenced by his warm relationship with Fernande Olivier.

❖ African-influenced Period (1908-1909)



The paintings of this period are marked with the two figures on right of the painting.

The development of formal ideas directly

led to the formation of the Cubist Period that followed this period.

❖ Cubism



The style of painting also called 'Analytical Cubism' was co-developed by Picasso along with George Braque. Monochrome brownish and neutral colors were used by taking apart objects and analyzing them in terms of their shapes differently by the artist.

The further development in this style developed Synthetic Cubism. In this form the cut paper fragments were pasted into compositions which marked the first use of collage in fine art.

❖ Classicism and surrealism



After the upheaval of World War-I Picasso produced work in a neoclassical style. During the 1930s the Harlequin which was a common motif in his work was replaced by the minotaur which came partly from his contact with the surrealist who used it as their symbol.

Picasso's most notable and famous work is his depiction of the German bombing of Guernica during the Spanish civil war-Guernica. He depicted successfully on a large canvas the inhumanity, brutality and hopelessness of war.

As said by Picasso "It isn't up to the painter to define the symbols otherwise it would be better if he wrote them out in so many words, the public who look at the picture must interpret the symbols as they understand them". It is very true in the case of his painting.....

WORRY

Miss Shruti S. Bhosale
B. A. IV Semester

Worry- A devil that eats up a man. It is a kind of disease that catches the human's mind, ruining it. Human behaviour is such, that it cannot help getting worried about things...may it be anything- family problems, workplace problems and tension, social problems and so on. If worry is within limits that is if the person worries to a certain extent then it is not a problem. But one must not let worry rule over oneself.

I visited Bengaluru in March, 2013. My aunt has a good collection of inspirational books. While going through them, I came across this book named "How to stop worrying and start living" by Dale Carnegie. This book inspired me to write this article so that I can share some good ideas from the book with everyone. What I learnt from this book is- one does not have control over things, situations and destiny. This doesn't mean that one has to go on worrying. Well said by Wayne Dyer, "It makes no sense to worry about things you have no control over because there's nothing you can do about them, and why worry about things you do not control? The activity of worrying keeps you immobilized." Mahatma Gandhi has said, "There is nothing that wastes the body like worry." Many researchers have found that worry leads to stomach cancer. Fear causes worry. Worry makes us tense and nervous and affects the nerves of our stomach and actually changes the gastric juices of our stomach from normal to

abnormal and this often leads to stomach ulcers. We do not get stomach ulcers from what we eat; we get ulcers from what is eating us. Truly said by Dr. Alexis Carrel, "Those who do not know how to fight worry...die young."

If we want to avoid worry, we must do what Sir William Osler did: Live in "day-tight compartments." Don't stew about future. Just live each day until bedtime.

The next time 'Trouble' backs you up in a corner, try this magic formula

- a) Ask yourself, "What is the worst that can possibly happen if I can't solve any problem?"
- b) Prepare yourself mentally to accept the worst- if necessary.
- c) Then calmly try to improve upon the worst- which you have already mentally agreed to accept.

Remind yourself of the exorbitant price you pay for worry in terms of your health, "Those who do not know how to fight worry die young."

These are the few ways which can help one to fight worry, to defeat worry. One must remember this fact whenever faced with worry, that worry never robs tomorrow of its sorrow, it only saps today of its joy. In life, if we focus on fear, worry, hate then it will be impossible for us to experience happiness, enthusiasm,

satisfaction and love of life. Life is too short, there is no need to live with worry and anxiety that keeps us from enjoying a full, active and happy life.

Life is too short to worry about anything, let us enjoy it because the next day promises nothing. Let us not live in past or in future, but yes, in the present.

Can I Borrow Rs. 25 ?

Compiled by :
Damini Tripathi
F.Y. B.A. (A)

A man came home late from work, tired and irritated, to find his five year old son waiting for him at the door. The son said, "Daddy, may I ask you a question?" The dad replied, "Yeah sure, what is it ?" The son then asked, "Daddy how much do you make an hour ?" That's none of your business. "Why do you ask such a thing?" the man said angrily. The son pleaded, "I just want to know. Please tell me, how much do you make an hour?" The dad replied "If you must know, I make Rs. 50 an hour." "Oh! the little boy replied, with his head down." Daddy may I please borrow Rs. 25?

The father was furious, "If the only reason you ask that is to borrow some money to buy a silly toy or some other nonsense, then you march yourself straight to your room and go to bed. Think about why are you being so selfish. I don't work hard every day for such childish frivolities.

The little boy quietly went to his

room and shut the door. The man sat down and started to be more angry about the little boy's questions. He said to himself, "How dare he ask such question only to get some money? After about an hour or so, the man calmed down, and started to think. Maybe there was something he needed to buy with that Rs. 25 and he really didn't ask for money that often. The man went to the little boy's room and opened the door.

"Are you asleep, Son?" he asked. "No Daddy, I'm awake," replied the boy.

"I have been thinking maybe I was too hard on you earlier," said the man. "It's been a long day. Here is the money you asked for."

The little boy sat straight up, smiling, "Oh, thank you Daddy!" he exclaimed. Then, reaching under his pillow he pulled out some crumpled up bills. The man saw that the boy already had money and started to be angry again.

The little boy slowly counted his money, and then looked up at his father.

"Why do you want more money, if you already have some?" the father grumbled. "Because I didn't have enough but now I do", the little boy replied. "Daddy, I have Rs. 50 now. Can I buy an hour of your time? Please come home early tomorrow. I would like to have dinner with you." The father was shocked

he put his arm around his little son and begged for forgiveness.

It's just a short reminder to all of you who are working so hard in life. We should not let time slip through our fingers without having spent some time with those who really matter to us, those close to our hearts. Do remember to share that Rs. 50 worth of your time with someone you love.

Perception

Damini Tripathi
F.Y.B.A. (A)

Women friends chatting in office

Woman 1 : I had a fine evening, how was yours?

Woman 2 : It was disaster. My husband came home, ate his dinner in three minutes and fell asleep in two minutes. How was yours ?

Woman 1 : Oh it was amazing! My husband came home and took me out to a romantic dinner. After dinner we walked for an hour. When we came home he lit the candles around the house and afterwards talked for an hour. It was like a fairytale!

At the same time, their husbands are

talking at work.

Husband 1 : How was your evening ?

Husband 2 : Great. I came home, dinner was on the table, I ate and fell asleep. It was great! what about you ?

Husband 1 : It was horrible. I came home, there's no dinner because they cut the electricity as I hadn't paid the bill, so I had to take my wife out to dinner which was so expensive that I didn't have money left for a cab. We had to walk home which took an hour, and when we got home remember there was no electricity so I had to light candles all over the house! After all that, I was so exhausted that I couldn't fall asleep and my wife was jabbering away for another hour !

SAARE JAHAN SE ACCHA..HINDUSTAN HAMARA ????

Compiled by :
Damini Tripathi
F.Y.B.A. (A)

Hmmm.... INDIA..... we say 'Saare Jahan Se Accha Hindustan Hamara' But is it true ? Is India... our India really the best nation in the world. Hundreds of you will give me thousands of reasons, Why it is the best, but have you thought if it really is ?

India is a nation where.....

- 1) A Pizza reaches home faster than an Ambulance or Police
- 2) We can get a Car loan@ 8% but an education loan @ 12%.
- 3) Rice is Rs. 50/- per kg but Sim Cards are available free of cost.
- 4) A millionaire prefers to buy a Cricket team in an open auction, instead of donating money in charity.
- 5) People sitting at tea stalls and reading articles on child labour say, "Yaar baccho se kaam karane walo ko to fansi pe latka dena chahiye." and then shout, "chotu, chai lana....!"

Ask yourself ??????

Saare Jahan Se Accha Hindustan Hamara....?????

Are we doing justice to that song ? Is India really the best nation ? If so.... then why is there still poverty ? Corruption ?

other evils like terrorism, Murders, thefts, rapes, ragging and what not?.... why arent we a developed nation yet ? Since My School days I have known India to be a developing nation. When will it be a developed Nation ? How many more years ? How much more time do our politicians and leaders need to give us. What is promised? How much more money will be wasted on unwanted staff and projects in the name of development? Where is all the money going ? Why is it that the rich gets richer and the poor are still poor ? We have been listening to that from ages now ? Have we pondered ? Have we got solution to the ever increasing problems ? With Anna Hazare We did raise our voice against corruption, but that was just a small begining to a tiny dot on the whole black spot of evils and perils shadowing India. There is so much to do.... times running... Yet, We are relaxed and not bothered ? Have we anytime really tried to know whats actually going on ? Its time We think and not just think but do something.

It yet isn't fitting to say Saare Jahanse Accha. There is no doubt that its one of the best countries but it is losing its integrity, its meaning and its everything. So please - 'Save India'.



DAFFY DEFINITIONS

Compiled by :
Damini Tripathi
F.Y.B.A.

Love Affairs : Something like cricket where one-day internationals are more popular than a five-day test.

Marriage : It's an agreement in which a man loses his bachelor degree and a woman gains her masters.

Divorce : Future tense of marriage.

Lecture : An art of transferring information from the notes of the lecturer to the notes of the students without passing through the minds of either.

Compromise : The art of dividing a cake is such a way that everybody believes he got the biggest piece.

Dictionary : A place where divorce comes before marriage.

Classic : A book which people praise, but do not read.

Smile : A curve that can set a lot of things straight.

Etc : A sign to make others believe that you know more than you actually do.

Committee : Individuals who can do nothing individually and sit to decide that nothing can be done together.

Experience : The name men give to their mistakes.

Atom Bomb : An invention to end all inventions.

Doctor : A person who kills your ills by pills, and kills you with his bills.

Politician : One who shakes your hand before elections and your confidence after.

Criminal : A guy no different from the rest... except that he got caught.

Beautiful Quotations

- The world suffers a lot, not because of the violence of bad people, but because of the silence of good people.
- Bill Gates never performed Laxmi Pooja but he is the richest man. Einstein never performed Saraswati Pooja, but he was the cleverest man. So just believe in hard work.
- Everything in life has a beautiful ending. And if it is not beautiful, then be sure, it is not the ending.
- Luck is not in your hands, but the work is in your hands. Your work can make your luck but luck cannot make your work. So always trust yourself.
- Decide with whom you want to stay in life. But only destiny decides who gets to stay in your life.
- A successful person is he who can lay a firm foundation with the bricks that others throw at him! Learn to accept criticism proactively and with grace.
- Personality has the power to open the doors, but it takes character to keep them open.
- You can tell whether a man is intelligent by his answers. But you can tell a man is wise by his questions.
- Success is not a matter of being the best and winning the race, it is a matter of handling the worst and finishing the race. Be Positive.

Now its me.....

There was a time, when you seem to me, when you use to dream of me.... loved me...

Many days back I felt uncomfortable with the thought of you....

I thought it must be a scrap of life....

At the start, it was you who was around me...

Thinking of what to tell and how to start...

But the turning point came when you first moved around....

It was painful because the thing was "Hurting."

What's the reason both of our fate knows

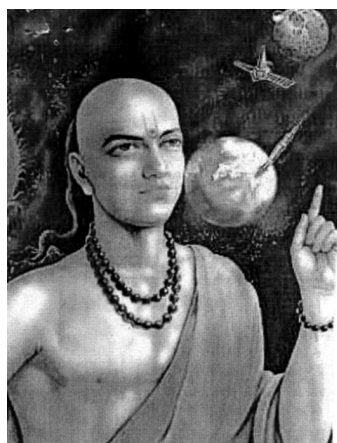
I hope it is false for me....

Because now its me, who thinks of you, who dreams of you and only you.

Vinidha M. Zalmi
S.Y.B.Sc. B

ARYABHATTA : A great Indian Mathematician

Compiled by :
Domnic Savio
S.Y.B.Sc. (A)



I n d i a n Scientists have shaped the course of mathematics and astronomy for the world to marvel upon. Many Scientists in the U.S.A. today are Indians and more than 40% of Scientists

of NASA and the Silicon Valley are Indians. Indians have helped the world build intercontinental missiles, Satellites, the space Shuttle, stealth technology, space exploration and Deep Impact navigation. One of the very early pioneers in astronomy and mathematics was Aryabhata.

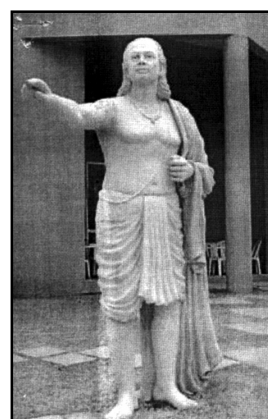
Aryabhata was born 476 A.D. in Pataliputra in Magadha is now modern Patna in Bihar. There are several tales of claim for his origins. Many believe that he was born in the South of India around the Kerala region and lived in Magadha at the time of the Gupta rulers, time which is known as the Golden age of India. There is no evidence that he was born outside Patliputra and traveled to Magadha, the centre of instruction, culture and Knowledge for his studies where he even set up a coaching institute. His first name "Arya" is not a South Indian name while "Bhatt" for Sometimes (Bhatta) is a

typical north Indian name. The name is popular even today in India especially among the trader community of North India.

Whatever this origins, it cannot be disputed that he lived in Pataliputra where

he wrote his famous thesis called the "Aryabhata" which was commonly known as the "Aryabhata Siddhanta." This is the only work to have survived to the present day. It contains mathematical and astronomical hypothesis that have been discovered to be quite accurate in contemporary mathematics. For example, he wrote that if 4 is added to 100 and then multiplied by 8 then added to 62,000 then divided by 20,000 the answer will be equal to the circumference of a circle of diameter twenty thousand. This calculates to 3.1416 close to the actual value Pi (3.14159). But his greatest donation has to be zero, known as the "Shunya" in his times. His other works include theorems on trigonometry arithmetic, algebra, quadratic equations and the sine table.

This extraordinary man was an intellectual of immense proportions and continues to baffle many mathematicians of today. His working was then later adopted by the Greeks and later the Arabs. ●



EXPECTATIONS

The day we met....
I remembered.....
Not expecting anything till then...
And that day came, expectation arose...
Why you were expecting as I had never
expected anything from you ?
Then I thought and I thought and I
thought..
Had I made any mistake?
My heart and my soul replied - No, No
& just No...
So where did I go wrong !!!
You again came with expectation....
But Alas! It was again unexpected...
Again there are so many questions in my
mind but I don't expect any answers
from you...
What I just expected was your friendship
We broke apart...
What was the reason ???
Is it again that "Expectation" ?
If expectation is reason to break friendship.
Then don't even expect anything in your
life from anyone
One single expectation broke our friendship.
Sorry, I can't be as you were expecting
to be in your expectation...
I can't understand why you,
Expect to Accept.

- Vividha M. Zalmi
S.Y.B.Sc. B

THE GANG OF FOUR

Our gang is so cool
Making everyone a fool
We are a gang of four
Roaming everywhere
We keep our things in secret
We hate boys who smoke cigarettes
We don't let our friends hurt
In trouble we always make them alert
We are not afraid of others
but makes them afraid of us
We four are so beautiful
as well, We are so helpful
We study in time to be loud
that why we are so proud
We don't like to be five
that makes us alive
We always share our feeling
and find subjects killing
We are so systematic
make everything automatic
We are so unique
and are very quick
We are so fashionable
for every competition always eligible
and make every challenge possible

Shaila T. Shetkar
S.Y.B.Sc. (B)

BEST FRIEND

Pooja S. Naik
T.Y.B.Sc. Chemistry

Friend..... in today's world every person you meet needs help. After that 'you' don't know 'me' & 'I' don't know 'you'. Friends just for the sake of need ?

Many of the famous personalities have said

"Friendship is an everlasting relationship between two people." In friendship-we have to give and not to take. It is the faith we should have in each other, but the picture in today's world is so different that everyone is so scared of friendship or having faith in other people because result of their faith is at the end.

It is said that "As you do to others, they will do it to you" so before having any fun in good relation We should think, because it may happen with US !!!

One should also remember that for silly reasons we should not break relationship!

Each person thinks differently, behaves differently and personalities goes on changing.

Some people think that a friend is the one who shares, listens everything and helps during difficulties. After all it should not be that during some work only

one need a friend and after that hello, hi, bye...

In life a best friend is only one person, Very few people i.e. may be 20-30% in the world in the real sense trust and in turn also get the same.

We know that as time passes.... We also have to move with it and in this way we get many people, bad, good as those with whom we find comfortable we called them as our friend.

At every step of life, we go to study, then to work somewhere there we come across many people. If our qualities, likings, interest match them we become friends. Some are really nice, some just show that they are nice.

Many a times it so happens that we treat someone as our friend but the person doesn't care or realise the value of a friend, but when the same person goes far away from her/him that time they realise the importance of a friend.

Trust and understanding are the main factors which bind two friends together, if these are not there then nothing and also caring is important.

Always have trust and believe in yourself.

If something goes wrong, don't blame yourself.

Share everything.... do not keep any secrets

If you get angry try to bring smile on your face. If you make mistake and promise yourself that you will not repeat the same thing again.

Always give good advice and scold yourself when you do bad things.

These are the things every one expects from her/his friends.

If someone is ready to do all these things then he or she is a real friend.

Resolution.....

Many people make resolutions at the begining or at the end of the year ?

Resolution means deciding to do something different which we have not done in our daily routine, life. Making some changes in ones life.

Sometimes, we do not know that there are some bad things in us but when we realise this we try to replace them with something good. so that some improvement can be from within us which will help us to make our life more beautiful and successful.

We say we have made resolutions we have to follow them the whole year then we have changes to see the difference.

Change means making a difference. We do it and if we have the will to do so then only it is possible, otherwise..it is not.

Always with our routine work we become bored. That is why we have to make some changes in us. If it is good then we should continue.. ? If it is not...

But one thing we should keep in mind that we make resolutions for our betterment and not do wrong things. To reduce stress. To stop bad habits and make changes in ones life.

Pooja S. Naik
T.Y.B.Sc. Chemistry

Greatest Timesaver.... Love at First Sight

Hemangi Narvekar
S.Y.B.A. (B)

Love is kind, patient, is not proud, does not easily argued, does not dishonour others, is not self-seeking, keep no records of wrongs, always trusts, always hopes, always protects. It always preserves and never fails ! But in this 21st century love has also been commercialized to a very great extent. Youth is called as the best part of life and it is the time when the dreams are to be pursued and achieved. And this is the pick time wherein college students try to find a life partners for themselves. As responsibilities increase they think in terms of their mindset and their social reputation and go ahead with someone like or alike.

Relationships these days are harder because conversations become texting, arguments become phone calls and feelings become status updates. Generally I've seen today that youth generally prefer 'first sight love' which is like judging a book by its cover page. They say "it just happens." I really don't understand how and why it happens. People usually go for the one who is handsome or beautiful or the one who belongs to a rich family. Youth of today think in terms of their status in society. Having a girlfriend or boyfriend raises their so called 'status' I'm saying this from my experience being with my friends.

But in such relationships there are hardly any chances to succeed. They get into a relationship but later find it

difficult to compromise with each other and finally the outcome is break up. Words go from "I love you" to "I hate you", "I need you" to "Forget you" and "You're my everything" to "You're nothing" in few months. It would be better to take decisions with a careful thought behind every action rather than suffering hardships later. Boys today can't treat girls right and girls don't try to understand them. Just like whether they change their partners every now and then giving silly reasons. They sign a contract with each other which they call 'love'. They play with feelings and say that it's love. They don't understand that the beauty of a person is not in the clothes he/she wears, the figure that he/she carries or the way his/her hairstyle is. The beauty of a person must be seen from the person's eye because that is the doorway to the heart, the place where love resides.

True love is about scolding wrong behaviours, applauding great performance and yet staying consistent in all. Only two things I want to tell all my friends. We're young. We don't need a girl or boy to hold and kiss. Go out in the world, live and leave a mark, make a difference. Make history. You may fall in love with the beauty of someone. But remember that finally you have to live with the character, not the beauty and once in life do fall in love, not necessarily with a person, but with an idea, a dream and an ambition. More often it'll be a reason to wake up with smile.

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Increase in Rape Cases on Women in India

Deepali Kamat
S.Y.B.A. (A)

In India, the crime rate has been increased tremendously. Everyday, we read in newspapers about the rapes. Today there are many agencies formed by Government, but what's the use of them? The crimes against women have not stopped but are increasing during recent many years.

Recently a gang rape took place in Delhi, where a girl was brutally raped and harassed by six men. They not only raped her but beat her with the rod. When all this was happening, the driver of the bus still continued to drive. These rapists are inhuman they actually don't have any feelings but what about other people? Why nobody helped them when the girl was thrown on road without a dress on her body. Why a woman didn't come forward to help her out. Why they didn't give them a piece of cloth or atleast their dupatta to the girl who was lying undressed. They didnt even call the police or for any help. How people can do this?

I really don't understand why women should always suffer. Why we cannot move freely, without any tension at any point of time? We feel that we are secure and safe at home. But 'No' there

are many cases where a father raped his young daughter or brother raped his sister. So we are not even safe at home. Even if we file a case in police station, the police there don't even take the complaint, They are so insensitive that they don't even understand the feelings of the victims.

I really want to request all girls that they should protect and take care of themselves because nobody will come to save them. We should not trust anyone blindly and go with them without informing any elderly person. Society does not hold the boys responsible even if it is their mistake. There are some narrow minded people who feel that girls are responsible for everything. So we girls have to be strong physically as well as mentally.

And also Government should give severe punishment to criminals so that in the future nobody will dare to repeat such crimes.

I hope one day will come where all girls, all women will move freely and will feel secure in India. I pray for the same.

●

She.....

Suny Nimavat
S.Y.B.A.

With this broken heart man let me go
let me try some thing. So I don't die poor.
This life that we get is free,
but don't forget it never came cheap
Pay the cost to be the boss
This life is roller-coaster when it dips
So hold up, redefine and then ride
But first let me take my girl, by my side.
She got that soul that no one can own
She got that heart that no one ever won
She got that eyes so dreamy
That I get lost in it, in a moment for sure
She told me that
You're the one that I was looking for
She put her full trust in me
And came into my zone
Warmed up in bath water
Covered in the towel
Alone in her room, She is so untouch-
able
Don't touch your body baby
But she is already feeling sensual
Because my eyes are like x-rays
Always staring at your waist babe

Sorry can't stop myself, what to do ?
She is like my Magazine's cover page,
just so now
Looking at herself in mirror she smiles.
Probably she is going to miss me tonight,
We are sitting in the sand
At the beach side on her south side
Sun is coming down
After a little talk
She said I want to eat the prawns !
It's just me and you madly involved in it.
She also knows that but does not want to
admit it.
She has been all over my mind
I need her like a fresh air all the time
But still I'm unemployed
Her love is not free
She saved from reality
This world is not that sweet
So let me make money growing tree,
Don't know where my pinnacles
But I'll be at the peak
Baby say that one day you will call me,
I don't need you like my Souvenir.....

Change for the better, Not for worse

Damini Tripathi

F.Y.B.A. (A)

There was once a blind girl who hated herself because she was blind. She hated everyone, except her loving boyfriend. He was always there for her. She told her boyfriend, "If I could only see the world. I will marry you."

One day someone donated a pair of eyes to her. When the bandages, she was able to see everything, including her boyfriend. He asked her, "Now that you can see the world, will you marry me ? The girl looked at her boyfriend and saw that he was blind. The sight of his closed eyelids shocked her. She hadn't expected that. The thought of looking at them the rest of her life led her not to marry him. Her boyfriend left in tears and days later wrote a note to her saying, "Take good care of your eyes, my dear, for before they were yours, they were mine."

This is how the human brain often works when our status changes. Only very few

remember what life was like before, and who was always by their side in the most painful situation.

Life is a Gift. Today before you say an unkind word think of someone who can't speak. Before you complain about the taste of your food think of someone who has nothing to eat. Before you complain about your husband or wife think of someone who's crying out to God for a companion Today before you complain about life. Think of someone, who went too early to heaven. Before whining about the distance you drive think of someone who walks the same distance with their feet. And when you are tired and complain about your job - think of the unemployed, the disabled, and those who wish they had job. And when depressing thoughts seem to get you down put a smile on your face and think you are alive and still around.

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LEAVE LETTER TYPES

Compiled by :
Damini Tripathi
F.Y.B.A. (A)

Dear All,

This is a collection of leave letters and applications written by people in various places of India... Enjoy....

1. Infosys, Benguluru : An employee applied for leave as follows : "Since I have to go to my village to sell my land along with my wife, please sanction me one-week leave."
2. This is from Oracle Benguluru : From an employee who was performing the "mundan" ceremony of his 10 years old son : "As I want to shave my son's head, please leave me for two days....."
3. Another gem from CDAC Leave - letter from an employee who was performing his daughter's wedding : "As I am marrying my daughter, please grant a weeks leave...."
4. From H.A.L, administration Dept : "As my mother-in-law has expired and I am only one responsible for it, please grant me 10 days leave."
5. Another employee applied for half day leave as follows : "Since I've to go to the cremation ground at 10 O'clock and I may not return, please grant me half day casual leave."
6. An incident of a leave letter "I am suffering from fever, please declare one day holiday."
7. A leave letter to the Headmaster : "As my headache is painig, please grant me leave for the day."
8. Another leave letter written to the Headmaster : "As I am studying in this school, I am suffering from headache. I request you to leave me today."
9. Covering note : "I am enclosed herewith...."
10. Another one : "Dear Sir : With reference to the above, please refer to my below..."
11. Actual letter written for application of leave : "My wife is suffering from sickness and as I am her only husband at home I may be granted leave."
12. Letter writing : "I am in well here and hope you are also in the same well."
13. A candidate's job application : "This has reference to your advertisement calling for a 'Typist and an Accountant Male or female'... As I am both (!! for the past several years and I can handle both with good experience, I am applying for the post."

UNITY

Dominic Savio-P-Dias
S.Y.B.Sc. A

The world today, was it the way as it is today ? Was it created in this manner? What are our answers to these questions? One would say that no one asks such questions to anyone. But is there anyone whose own conscience does not ask these questions to him or her ?

The answer is that the world was created as one. To be specific it was created as one land, one water, one air may be having different physical and chemical characteristics. Then what happened suddenly that this beautiful land turned into regions of personal properties and national properties.

The world was created as one by God. It was man's greed for more and more requirements that divided the land into continents, continents into countries and ----- into states. Which did not stop here. But, these divisions led to further more diverse divisions leading to districts, talukas, cities and so on.

Claiming that a particular land is yours with all legal papers became a law : if you failed to do then there is another fellow his who claims the same land as his own This division was not only about the land but was also in the case of water bodies also and today it has entered into our lives too.

We differentiate among ourselves on the basis of religion place of residence etc. particularly in the 20th-21th century

onwards the families (joint families) have started turning into some nuclear families. Small families comprising mainly of husband-wife and their children. And the elderly parents are made like showpieces which are son of the family keeps at his residence may be for a month or so and then they are shifted to their other sons place and so on. or they are being admitted in a old age home.

Where are our values gone ? where are our feelings gone ? where is our respect for one another gone ? One person is killing other person, a Brother kills his brother

Only for the greed of earthly things. The Greed has increased so much that it makes us blind to see the human nature among us.

It is a human tendency to dream higher luxurious things. Let us not steal it from other or claim it from our parents, but instead let us earn those things we dream ourselves by our hardwork so that tomorrow we can proudly say that "I have earned these things." Rather than saying "This belongs to me as it belonged to my ancestors."

So, let us be united and become one and stop these divisions on various basis, since, any one can defeat one finger of your hand but no one can face all your five fingers coming to gather and thus forming a united power of the five fingers.

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Comparing Life with Mathematics

Life of a person can be easily compared with Mathematics. This can be done in many ways. In a person's life there are a number of problems faced by him/her. But a success is achieved when he solves that problem and move forward with his life. This situation is same as the concept of differential equations in mathematics. It is said that all differential equations cannot be solved." Same way all problems in life be solved but if we try to find a solution to it, it can be solved. Like in an differential equation which cannot be solved, research is conducted on them to find their solution. An differential equation consists of both dependent and the independent variables without which it is incomplete. In the

same way our life is both dependent on so many other thing and is independent of some other thing. But without these things our life is incomplete.

So whenever we come across Mathematics we should not be afraid of it but should see it pro on so minor other thing and is of some men other thing. But in that these things our life is incomplete.

So, whenever we come across mathematics we should not be afraid of it but, should see it proudly since it teaches us how to solve our life problems and to move forward with ones lives.

Dominic Savio-P-Dias
S.Y.B.Sc. A

Life

In life we face a number of challenges. Every day we get to learn so many things which will affect and make so many changes in us. Some nice, some bad experiences. We come across, and it is our attitude, how we face it.

Sometimes when we are in a good mood we can face incidents/situations nicely, but when we are sad because of some reasons at that time we don't care for others, We talk to them very rudely just because we think of ourselves. We should not do such thing.

Sometimes we do not care for other people just because our own needs are

not fulfilled, or what we want is not happening. Afterwards, we realise that the mistake was ours and then we blame ourselves, but time has passed. The bad things which we had said to the person will remain, as it is. And other than blame we do not have anything in our hand.

That's why we should think and react.

Sometimes we cannot control our anger and say something bad to others but once the crack is made it is difficult to fix it.

Life is mixture of sorrows and Joys and we must learn to live it.