

HAND BOOK 2014-15

PES'
**Shri. Ravi S. Naik
College of Arts and Science**

P. Box No. 3, Farmagudi, Ponda - Goa.



Handbook & Calendar

2014 - 2015

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Roll No : _____ Class : _____ Division : _____

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The Handbook should be brought everyday to the College

HAND BOOK 2014-15

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P L E D G E

India is my Country. All Indians are my brothers and sisters.

I love my country. And I am proud of its rich and varied heritage. I shall always strive to be worthy of it.

I shall give my parents, teachers and all elders respect and treat everyone with courtesy.

To my country and my people, I pledge my devotion. In their wellbeing and prosperity alone lies my happiness.

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.

GOALS AND OBJECTIVES

The following goals and objectives have been laid down by the Ponda Education Society to release the vision and to fulfil the mission of the institution.

- 1) To provide an opportunity for higher education to the rural population of the surrounding areas.
- 2) To provide opportunity for quality education that is value based and career oriented.
- 3) To inculcate among the students and staff a sense of patriotism for strengthening the unity, integrity and solidarity of our nation and to uphold the spirit of unity in diversity as well.
- 4) To encourage the faculty in improving their academic qualifications, training and experience and in the pursuit of research, so that they are well versed with the latest development in their respective subjects.
- 5) To create an atmosphere in which the best possible curricular, co-curricular and extra- curricular programmes are available to the students for their all – round development.

A BRIEF HISTORY OF P.E.S. COLLEGE

Ponda is a developing town of historical importance, surrounded by all the important temples in Goa. A group of people interested in education established the Ponda Education Society and in consultation with experienced and eminent educationists started the Arts and Science College and Higher Secondary School in June 1986 at Farmagudi, Ponda – Goa.

Thus, P.E.S. College was established in the year 1986 by the combined efforts of many prominent educationists and social workers of Ponda City. It was observed that, students of Ponda taluka and surrounding areas had to travel long distances to obtain higher education on completion of their H.S.S.C. studies, as there was no general higher education facility available in Ponda at that time.

Besides, education was beyond the reach of the poorer section of society. As a result, the poor and deserving students in this area who could not afford to travel long distances were deprived of higher education. Thus the Ponda Education Society's decision to start the College came as a welcome idea, which would help the majority of the students in Ponda taluka.

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The Society approached the then Chief Minister of Goa. Shri. Pratap Singh Rane for the present premises at Farmagudi, which is owned by the Tourism Department, Government of Goa. This building of the Government was not in use for many years. The Government of Goa led by the then Chief Minister leased the building along with 35,000 square meters of land to Ponda Education Society for 5 years. Thus the College was started on 20th June 1986. In 1992, the present President Shri. Ravi S. Naik, the then Chief Minister, converted the lease from 5 years to 99 years for the betterment of the educational institution.

In June, 2002 the College was officially named as P.E.S.'s Shri. Ravi S. Naik College of Arts & Science.

The College is housed in a well – ventilated building at Farmagudi, which is ideal for this purpose. Adequate laboratory and library facilities are provided. The building is situated on a high altitude in a calm and quiet atmosphere, ideal for studies.

The management has selected a team of dynamic and experienced teachers for teaching and providing guidance to students. Many students of this area being first generation learners are admitted without any special screening, but with the help of hard working, dynamic and experienced teachers, they are provided with the best education and guidance which helps them to graduate with flying colours.

Since 1986, twenty six batches of students appeared for the T. Y. Examination conducted by Goa University. Thousands of them have successfully graduated and settled. Many of them are holding good position and doing well in life.



THE COLLEGE COAT OF ARMS

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

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

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The Governing Council of Ponda Education Society

Founder Members of the First Governing Council

- 1) Dr. P.V.K. Ghanekar President
- 2) Late S. H. Lotlikar Vice – President
- 3) Late G. S. Karkal Treasurer
- 4) Shri. G. K. Kelkar Secretary
- 5) Late R.Z.S. Priolkar Exec. Member
- 6) Adv. U. S. Kolwalkar Exec. Member
- 7) Shri. R. A. Katkar Exec. Member
- 8) Shri. S. K. Desai Exec. Member
- 9) Shri. R. G. Desai Exec. Member
- 10) Late S. S. Pilgaonkar Exec. Member
- 11) Late G. D. Dangui Exec. Member
- 12) Shri. S. R. Priolkar Exec. Member

The Immediate Past Governing Council

- 1) Shri. Ravi S. Naik President
- 2) Shri. Prakash D. Dharwadkar Vice-President
- 3) Late Sulochana R. Katkar Secretary
- 4) Shri. R. G. Desai Treasurer
- 5) Shri. Ashok K. Naik Exec. Member
- 6) Shri. Mahesh Nagarsekar Exec. Member

COLLEGE TEACHING FACULTY

Principal

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

Vice-Principal

Dr. (Ms.) Kamaladevi R. Kunkolienkar. M.A. Ph.D.

Department of Konkani

Shri. Bhushan V. Bhave, M.A. -- **H.O.D.**

Ms. Shital S. Desai, M.A. B. Ed.

Department of Marathi

Dr. (Ms.) Vidya V. Prabhu Desai, M. A. (Marathi), M.A. (Sanskrit), M.Phil, Ph.D. -- **H.O.D.**

Shri. Deepak R. Chhatre, M.A.

Department of Hindi

Shri. Sandeep S. Lotlikar, M.A., M. Phil -- **H.O.D.**

Ms. Uma J. Priolkar, M.A., M.Phil.

Department of English

Ms. Jasmine Kurian, M.A. -- **H.O.D.**

Department of Political Science.

Dr. Badruddin, M. A. (Poli. Sci.), M. A. (Sociology) M. Phil, Ph. D., Dip. in Journalism -- **H.O.D.**

Dr. (Ms.) Aditi Rane, M.A., Ph. D.

Department of Economics

Shri. Anil V. Bhandiwad, M.A., M.Phil

Dr. Jeronimo G. R. Monteiro, M.A. Ph. D. -- **H.O.D.**

Department of Philosophy

Dr. (Ms.) Kamaladevi R. Kunkolienkar, M. A., Ph.D.

Dr. (Ms.) Anjali M. Rao, M.A., Ph. D. -- **H.O.D.**

Department of Psychology

Ms. Priya U. Sabnis, M.A., M. Phil. -- **H.O.D.**

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Department of History

Dr. (Ms.) Varsha V. Kamat, M.A. Ph. D.
Dr. (Ms.) Padmaja V. Kamat, M.A. Ph.D -- **H.O.D.**

Department of Chemistry

Dr. Ramchandra G. Shetkar, M.Sc., B.Ed., Ph. D.
Dr. Srinivas D. Gokakkar, M.Sc.Ph.D.
Dr. Bhiwa L. Malik, M.Sc., Ph.D.
Dr. Vikas J. Pissurlekar, M.Sc., Ph.D. -- **H.O.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.

Department of Physics

Dr. Girish V. S. Kundaikar, M.Sc., M.Phil., Ph.D. -- **H.O.D.**
Dr. Satish H. P. Keluskar, M.Sc., M. Phil., Ph. D.
Ms. Mandakini V. Rane, M. Sc., M. Phil.

Department of Mathematics

Dr. Milind N. Kulkarni, M.Sc., Ph.D. -- **H.O.D.**

Dept. of Information Technology

Ms. Mita N. Amonkar, M.Sc. M.Phil -- **H.O.D.**

Department of Botany

Dr. (Ms.) Sima V. Kamat, M. Sc., Ph.D.
Dr. Pradeepesh Bhattacharya, M.Sc., Ph.D. -- **H.O.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. (Ms.) Rupali R. Bhandari, M.Sc. Ph.D.

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Department of Zoology

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

Dr. Anantkumar V. Deshpande, M.Sc., Ph.D. -- **H.O.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. (Ms.) Deeparani K. Prabhu, M. Sc., Ph.D.

Department of Microbiology

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

Dr. (Ms.) Caroline F. E. Fernandes, M.Sc. Ph.D. -- **H.O.D.**

Ms. Flory Pereira, M.Sc., B.Ed. Ph.D.

Department of Physical Education

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

Librarian

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

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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
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. Bandothkar	Lab. Attendant
Shri. Vaman P. Naik	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

HIGHLIGHTS OF THE DEPARTMENTS

ARTS FACULTY

DEPARTMENT OF KONKANI

Department of Konkani has been established since 1986. Presently there is one full time & one lecture basis lecturers. The courses offered are Konkani Major Group (Elective Subject from I-IV Semester and 3 Units (3 papers) at V & VI Semester with another subjects (at T.Y.B.A. Level).

The Department has been very active in Academics as well as Co-curricular & Extracurricular activities. The Department has organised several state level events including Literacy Conventions, Conferences, Symposiums, Seminars, Workshops, Orientation & Revision Programmes, Book – Release functions, etc. The Dept. has tied up with many institutions like Goa Konkani Akademi, Konkani Bhasha Mandal to host various events as well as to conduct Konkani Certificate examinations.

Knowledge of Konkani is an `Essential Qualification` for acquiring jobs in Government, Semi – Government & Private Jobs in the State of Goa, since it is the official language of Goa. Therefore there are several job opportunities for students with B.A. in Konkani, ranging from the post of Teachers, Professors, Translators, Proof readers, Typesetters, Language Experts, Advertisers, Anchors on T. V. & other Media, Journalists etc.

DEPARTMENT OF MARATHI

Department was established in June 1986. Initially with Three Units Marathi. In 1994 Marathi Entire (Six Units) was introduced. There are two Full-Time and one Lecture basis Faculty in Department. Faculty of Marathi always support students by providing reading material and by giving more attention to students creative talent. Changes are made in syllabus during 2014-15 for Sem I and Sem II. Overall University result is satisfactory (every year between 90 to 100%). Our student Miss. Prachi Joshi secured 1st rank in the subject of Marathi in University examination April / May 2013. Department has recently acquired Audio-Visual C.D. Library. C.D.s are used to impart additional knowledge of subject in Language Laboratory of our college. Faculty members actively involved in counseling of the students, attending seminars conference, presenting papers etc. The Department has actively involved in various Literary and Linguistic Programs organized by several literary bodies viz. Sahitya Sevak Mandal Panaji, Gomantak Marathi Acadami, Parvarim -Goa etc. These Associations inspires our students to actively participate in various competitions, Festivals, Academic as well as Cultural programs. Our Literary Association -Vangmaya Mandal release nearly 6 issues of Wall-Paper named `Parikrama`.

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हिन्दी विभाग

पी.इ.एस्. महाविद्यालय में हिन्दी की शुरुआत १९८६ में हुई। वर्तमान में विभाग में दो अध्यापक कार्यरत हैं। महाविद्यालय में प्रवेश करनेवाले विद्यार्थी वैकल्पिक तथा ऐच्छिक रूप में हिन्दी विषय ले सकते हैं। तृतीय वर्ष में हिन्दी के साथ अन्य विषय लेने की सुविधा है।

हिन्दी भारत की राष्ट्रभाषा है। समूचे भारतवर्ष में हिन्दी का प्रचार एवं प्रसार तीव्र गति से हुआ है। गोवा राज्य में हिन्दी जानने और समझने वालों की संख्या बड़ी मात्रा में है। विद्यार्थियों के लिए हिन्दी विषय करीयर की दृष्टि से उपयोगी साबित हो सकता है। हिन्दी अध्यापकों की आवश्यकता समग्र भारत देश में है। हिन्दी अध्यापकों के अनेक पद हैं जहां हिन्दी विषय पढ़ानेवालों की आवश्यकता है। इसके अलावा हिन्दी अनुवादक की आवश्यकता अनेकानेक प्रशासनिक कार्यालयों में पड़ती है। सरकारी ही नहीं बल्कि गैर सरकारी संगठनों में भी हिन्दी अनुवादकों की आवश्यकता है। संचार माध्यमों में हिन्दी के अच्छे जानकारों की जरूरत है। हिन्दी पत्रकारिता का क्षेत्र बड़ा ही व्यापक क्षेत्र है जहां हिन्दी के विद्यार्थी अपना करीयर कर सकते हैं।

हिन्दी विभाग विद्यार्थियों के सर्वांगण विकास की दृष्टि से सक्रिय है। हिन्दी दिवस तथा हिन्दी सप्ताह जैसे कार्यक्रमों का आयोजन महाविद्यालय करता रहा है। हिन्दी विभाग राज्यस्तरीय तथा राष्ट्रीय संगोष्ठियों में सम्मिलित हुए हैं। राष्ट्रीय एवं अन्तरराष्ट्रीय संगोष्ठियों में अपने प्रपत्र भी अध्यापकों ने प्रस्तुत किए हैं।

DEPARTMENT OF ENGLISH

The Department of English was established in the year 1986. The Department offers four compulsory papers currently. At the first semester level a course in Spoken English is offered. The main objective being to better the communication skills of our student and make them confident speakers of English. The other papers develop all the other skills in language learning. Every year the department conducts an Orientation Programme in the basics of English usage to prepare students to undergo the prescribed course. The department uses ICT to teach the course and has a well equipped language laboratory. The department has two faculty members. The papers offered at the first four semesters prepare students and develop the English language skills and better their future prospects.

DEPARTMENT OF POLITICAL SCIENCE

Department of Political Science, rich in terms of student enrolments, academic engagement of faculty members and professional relevance of the alumni. Started as Three Units in 1986 and thereafter promoted to full fledged discipline in 1991, department has earned reputation in producing large number of advocates, state civil servants, media personnel and professionals of diverse disciplines. Selected alumni graduates have also coincided with Post Graduation, M.Phil, PhD and Post Doctoral programmes, and few of them have extensively traveled to UK, USA, Germany and Gulf States for academic and entrepreneurial interests and have been constant source of inspiration in upgrading and popularization of the department.

Presently with two full time faculty members, both with doctorate degree, and one on lecture basis; department is doing well in counseling the students of diverse interest. Department of Political Science, the only one in college for fund raising though open ended admissions in Human Rights Education funded by UGC, New Delhi. Faculty members have extensively travelled in different parts of India to attend national and international conferences apart from engaging in diverse academic interest at the parent institution.

DEPARTMENT OF ECONOMICS

The Department of Economics was established in the year 1986. Two permanent faculties of the department have participated in many Local, National and International Seminars/Conferences organized by reputed institutions. Both faculty members of the department are the life members of Indian Economic Association and Goa Economic Association.

One of the teacher of the department has presented papers in the International Conference in Finland (2006), Greece (2011) and Malaysia (2014). Besides teachers of the department were member of Academic Council and Board of studies of Goa University.

Economics has always been a major discipline among the social sciences. It is basically the foundation of prosperous and progressive nation. It hones the entrepreneurial qualities of several individuals of the country. The branches of economics include Development Economics, Environment Economics, Financial Economics, Industrial and Labour Economics, Agricultural Economics, International Economics, Public Finance, Transportation Economics, etc. Economists work in diverse areas from UN to the World Bank to the IMF. They are the main economic policy makers of the nation. They are employed by the government and private business houses too. The growth of international trade has opened new avenues for economics in banking, foreign exchange and multinationals. Indian Economic Service and Journalism are some of the options for economists.

DEPARTMENT OF PSYCHOLOGY

The department of Psychology was started in the year 1987. 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 a vast knowledge and equip them with a clear, informative and challenging perspective towards human behavior.

The department consists of two faculty members. Psychology is an interesting subject that teaches students the in depths of human behavior and mental processes. The course enhances the understanding of one's own behavior as well as behavior of others. The subject also has an enormous scope in the professions involving teaching, social work, counseling and human resource management.

The department has a subject association entitled "Manoshakti" which organizes various workshops, seminars and talks by subject experts. It also engages the students in expressing their creativity with a wallpaper entitled "Psynapse". The department also manages a Counselling cell which looks after the psychological grievances experienced by the students and equips the students with strategies to study, deal effectively with issues and ensure a good, all round mental health.

The department also organizes an annual field trip to the Institute of Psychiatry and Human Behaviour (IPHB) which enables the students to understand the theoretical knowledge imparted to them through the semesters. Overall the field of Psychology not only imparts to its students in depth knowledge, but also empowers them with a wide range of career options. practical knowledge and overall instills in every student a sense of developing a good mental health.

DEPARTMENT OF PHILOSOPHY

There are two teachers in the department, both having over twenty years of teaching experience and well qualified with Ph. D degrees in the subject. Both are actively involved in post-doctoral research projects and programmes. They have also organized and participated in International, National and State- level conferences and seminars in the subject. The faculty members use latest technology in their teaching programme. The departmental results are excellent at all levels of the undergraduate course.

Philosophy helps us to learn the skill of how to think more clearly on almost every possible issue like religion, right and wrong, politics, the nature of the world, the mind, science, art and almost every possible topic thereby leading to cultural advancement. The study of Philosophy will equip students with the ability to appreciate and value the problems and issues which affect life in modern society

The study of philosophy develops skills which can be applied in a wide variety of jobs like law, computer programming, management consultancy, the civil service (IAS, IFS, IPS, IRS), UPSC, GPSC, journalism, social work, jobs related to strategic planning, policy making, defence, banking and teaching in which clarity of thought is a great asset. Philosophy is also valuable for those who aspire to be novelists, critics, poets, playwrights and film – makers.

The Philosophy course at the I and II Semester include theoretical as well as practical ethics. It deals with bio-socio problems like euthanasia, suicide and abortion, environmental issues, professional ethics, human and animal experimentation, punishment, Gandhian ethics and some Eastern and Western theories of ethics.

The III and IV Semester Philosophy course includes a detailed introduction to the nature of Philosophy and its various concerns like knowledge, reality, religion, art, social and political values and ideals.

The V and VI Semesters cover the history of classical Indian and Western as well as modern Western Philosophical ideas; a detailed study of world religions, their beliefs and practices as well as the philosophical approach to these religions; issues in biotechnology and their social implications as well as a course in critical reasoning designed with a view to enable students to tackle exams at various levels including NET / SET.

The department also offers course in the “Philosophy of Value Education” and “Environmental Ethics” which are relevant for tackling the problems of modern society.

DEPARTMENT OF HISTORY

Established in 1986, the Dept. of History shoulders the responsibility of imparting historical knowledge to the Under-Graduate students thereby equipping them to understand the universal phenomena with a balanced perspective. The Dept. boasts of highly qualified teachers who are committed to research and have consistent exposure to National and International Conferences. 'P. E. S. Archives', the Departmental Subject Association, is an instrument through which the different activities like Field Trips; Talks and Presentations of eminent personalities; Inter-Class Quizzes etc. are arranged. The highlight of the extra-curricular activities happens to be 'AURA', the Inter-Collegiate Event for the students of History that trains our students in event management and exploration of creativity in the service of History.

The Dept. offers Papers like the 'History of Goa' for F. Y. B. A. and 'History of Ancient India from the Earliest Times to 1526 A. D.' for S. Y. B. A. The 'History of India's Struggle for Freedom' and 'History of Science, Art and Culture' make the components of Foundation Course for F. Y. and S. Y. B. A. respectively. The 1st Y. B. A. Papers include 'History of Mughals' and 'History of Marathas' that enlighten the students about Medieval Indian History; 'Indian National Movement' and 'Towards Freedom' that educate them about the processes through which India could take its rightful place in the community of independent nations of the world, while 'World Revolutions' and 'History of Europe' give them a good grounding in trends in the World History. Under the Project Paper, the T. Y. B. A. students are encouraged to probe the various aspects of the local history thereby inculcating in them the spirit of original and systematic research. Proficiency in History enables our students to tackle the different competitive exams, to take up professions in teaching and civil services along with such other job avenues in the Archives, Museums and Libraries and in the Tourism Industry.

SCIENCE FACULTY

DEPARTMENT OF CHEMISTRY

The Department of Chemistry was established in 1986. Initially it offered Three units Chemistry along with Microbiology and Six units in Chemistry at third year. In 1999 Industrial Chemistry was introduced as Vocational course sponsored by UGC and later on by Government of Goa. Last few years Department of Chemistry offers courses in 6 units Chemistry and 3 units of Chemistry and industrial chemistry at the T.Y.B.Sc. The uniqueness of the Industrial Chemistry subject is the compulsory on job training of 60 days during the three years of B.Sc. Course. In last few years almost 40%-45% of our students pursue higher studies and 4 students have cleared NET and 3 are doing Ph.D. Majority of the Chemistry students are immediately employed either through placement cell or otherwise. Some of our students are occupying position as Scientists in research organization and industries. Several of them as production and quality control officers, managers, teachers in Schools, Higher Secondary's as well as in Colleges.

There are 13 regular faculties ,out of which 2 are M.Phil. and 8 are PhD. qualified and few visiting faculties who are engaged in teaching learning process of the department for the two programmes. Apart from regular teaching learning process most of the faculties are also involved in research work. The department in last few years have got 8 research projects funded by funding agencies like UGC, DST, which are either completed or are ongoing. Faculties have published several papers in peer reviewed national and international journals. Also several papers were presented in national and international conferences. Some of them winning awards for the papers. Faculty members have been appointed as member of BOS in Chemistry and other interdisciplinary subjects by Goa University. The department organized one national seminar sponsored by UGC and 4 state seminars/convention in last few years.

DEPARTMENT OF PHYSICS

The department was established right from the inception of the college. At present the department has three faculty. The department is actively involved in the research work. Two members have M.Phil. and Ph.D. and One has M.Phil degree. The faculty has several Publication in the international Journals and also have presented papers in the National and international Conferences, have completed UGC MR project. Faculty of the Department have been nominated as member of BOS in Physics of Goa University. Department offers Physics three units along with mathematics and Physics six units at B.Sc. V and VI Semester.

The performance of our students at University examination is extremely good. Our result at University examination in the current year is 100% in Physics with five Distinctions and others have Ist class.

The students of this department has been awarded gold medal for B.Sc. and M.Sc. Examination conducted by Goa University and some of the students are the recipient of the Principal award for the best outgoing student. One of our Physics student has joined NASA(USA).

Students with Physics six units or three units can persue their studies in courses like M.Sc , MCA, MBA, B.Ed ,M.Sc. Electronics and M.Sc. in instrumentation. Some of our students have joined for research in different research institutions. The Physics students with B.Sc., M.Sc and Ph.D. have great demand in the academics, educational institutions and Industries.

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Department organizes seminars for the students on the recent trends in the subject to keep them aware about the developments in subject. The faculty members along with the students visit, research oriented institutions like NIO, BITS, NCAOR and Goa University. Every year the faculty and the students of this department attend the annual convention, workshop/seminar organized by Indian Association of Physics teachers.

DEPARTMENT OF MATHEMATICS

The Department of Mathematics was established in the year 1986. At present the Department has 2 faculty members. Department members are very active in the field of Research. The Faculty has 16 publications to its credit, and have attended several National and International conferences in India and have already completed minor research project sanctioned by UGC. Many of our students have successfully completed M.Sc. and B. Ed. and have established as teachers in different Schools and Colleges in Goa and outside. Mathematics has immense potential for not only getting teaching positions in Schools, College and Universities but also has exciting opportunities in the field of research in all subjects, where mathematics modelling has become the order of the day.

DEPARTMENT OF INFORMATION TECHNOLOGY

Department of IT was established in the year 2000. Information Technology is a compulsory subject for semester I & II of B.A. / B. Sc. The paper has two components, Theory and Practical. The Main objective of IT is to understand the role of Information Technology in the present social and economic scenario. The syllabus of IT is modified after a period of 3 years so as to equip the teachers and students with modern use of IT services and other applications. The syllabus of IT has important concepts like E-Commerce, M-Commerce, E-Retail and also about different technique in animation and graphics such as tweening, morphing etc. The syllabus is modified for the academic year 2013-2014 to develop an awareness and understanding of cyber security and its related aspects and how to take measures to protect individual privacy and prevent loss / Theft of data. The practical component is mainly introduced to equip the students with the healthy practices and efficient use of IT tools and modern devices such as scanners, Printers, L.C.D Projector etc. Students are equipped with the knowledge of setting up a security level, sharing directories, keeping laptop, smart phone cyber secure. It also trains the students for security of social networking and on-line banking, installation of different types of software and calculating income tax by downloading forms E-governance sites.

Department of IT has a laboratory with 34 computers and network facility. The faculty member has done M. phil and is pursuing research work for Ph.D. degree.

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DEPARTMENT OF BOTANY

The Department of Botany was established in the year 1986 together with the Department of Zoology and later in the year of 1992 separated as an independent Botany Department. In the past years Botany Department has witnessed many changes. The changes were for the progress and the betterment of the Department. The Department got two spacious airy and independent working place-one in the form of Botany laboratory and another in the form of research laboratory cum staff room.

Botany Department is a joint family, with six teachers, three with Ph. Ds and three with M. Phils in the subject. The morale is high and so are the expectations. The faculty always tries to stimulate academic excellence nurturing and see them flowering with intense enthusiasm and involvement.

The Department results are excellent at all levels of the undergraduate course. As a part of curriculum students and faculty members in past visited research organisation of the state and outside the state like NCAOR, NIO, ICAR, Birbal Sahni Palaeobotanical Institute, NBRI, Lucknow, Shibpur Botanical Garden, Bose Research Institute Kolkatta, etc.

The Students study and are trained during the practicals, the various aspects of Botany like Phycology, Mycology, Bryology, Palaeobotany, Physiology and Biochemistry, Forest & Forestry, Medicinal Plants, Genetics, Plant Systematics, Molecular Architecture of Cytological Landmarks, Satellite Remote Sensing Applications in Forest and Vegetation Studies, Biodiversity Conservation, Biotechnological Approaches, Pattern Formation in Angiosperm Embryos.

The Department wants to create an awareness of preserving the environment among the students as we know the future will be at peril without the plants.

DEPARTMENT OF ZOOLOGY

The Department of Zoology was established in 1986 and was upgraded to the 6 units level (Entire Zoology) at T.Y.B.Sc. in 1991-92. The department has well qualified staff with 03 of them possessing Ph.D degrees. 02 with M.Phil. The teaching staff is dynamic and works hard both in teaching as well as in research. One of them is recognized as a research guide by Periyar University and has received award like 'Bharat Shiksha Ratna' by Global Society for health & Educational growth New Delhi. Faculty members are active as members of the academic council of Goa University and other academic bodies like members of BOS, Advisory committee under UGC SAP programmes. The department has undertaken major research projects and minor research projects sponsored by DST & E UGC, ICSS, New Delhi. The research findings has been published and presented at various seminars, symposia conferences,. The department has also organized several state level seminars, regional seminars, workshops etc. At present one research project is in progress. Zoology study forum of the department is an instrument through which the different activities like talks, and presentations by eminent personalities, workshops, seminars are arranged.

The performances of our students at the T.Y. level-Goa University examination have always been very encouraging and fruitful. Many of them stood first in the subject in the Goa University Examination. Some of them also topped in the PG level (Zoology) examination at Goa University.

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The Zoology graduates passed out from our portals are all employed in prime locations as doctors, managers, paramedical officers, pathologists, entrepreneurs, small scale industrialists besides college lecturers and school teachers. Many of them are also employed in different government, paragonovernmental and private organizations. Some of them taken their doctorate in the subject of interest and moved to serve in the different research fields. The option for the zoology graduates for P.G. learning are many besides Zoology, namely, Fisheries, Dairy technology and Farming, Biotechnology, Genetics, Environmental study, Biosciences, Bioinformations, Biodiversity, Anatomy, Biochemistry, Entomology, Life science besides PGDMLT and other paramedical courses.

At the undergraduate course, as a part of the curriculum, students have a paper in Animal Biotechnology and its application. So as a part of it students have hands on training in Animal Cell Culture techniques. The department has two major and one minor laboratory for simultaneously carrying our practicals. It has progressed considerably through the addition of new books & different equipments.

DEPARTMENT OF MICROBIOLOGY

The Department was established in the year 1989 with two lecturers and 10 students under 3 unit courses for graduation, further upgraded to 6 units in microbiology in the year 2004. The Department has subsequently grown in strength to 5 teaching staff and 92 students, assisted by 1 lab assistant and 2 lab attendants. Out of 5 staff members, 2 staff members have acquired their PhD while in service and are Associate Professors while two are Assistant Professors, one with Ph.D. and one pursuing Ph.D-, and one is on contract basis.

Department is actively involved in research activities and staff members have completed 4 minor research projects funded by UGC and have completed one major research project funded by MoES-, bringing a total revenue of Rs. 15,50,000/- to the Department. Faculty members of the Department have presented posters and papers at national, international seminars and symposia and have publications in reputed journals. They have also organized state level seminars.

Staff members are also guides for M. Phil. and Co-guides of students for their research work leading to the award of Ph.D. Degree.

Students with microbiology (6 Units) have a highly versatile syllabus which gives them the opportunity to venture into different fields like Clinical genetics, Genetic Engineering, Immunology, Forensic Sciences, Food Technology, Environmental Research, Biotechnology, Marine Biotechnology, Nanotechnology, Biochemistry etc. Many of our students passing out from the Department have topped at the university examination and have bagged gold medals.

The Department provides assistance in placement of students who are directed to pharmaceutical companies, breweries, dairy and food industry, patholabs etc. Many students pursue higher studies and have also completed their PhDs. Employment opportunities are plenty and many industries have a shortfall of microbiology staff. To cope with the demand a new branch offering M.Sc. in Marine Microbiology has been setup by the Department of Microbiology at the Goa University and another new branch offering M.Sc. in Biochemistry is likely to start soon.

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Department of Microbiology is well equipped with equipments like laminar air flow, autoclaves, hot air ovens, incubators, electrophoretic units, filter assemblies, UV- vis spectrophotometer, research microscopes, distillation unit, etc. required for basic research.

DEPARTMENT OF PHYSICAL EDUCATION

The Dept. of Physical Education was established in the year 1986 with one Director and one Attendant. For all round development of students, both physical as well as mental growth is necessary. The Department of Physical Education offers facilities for indoor, outdoor games as well as for field events & body building. We have a full-fledged Gymkhana and a play ground. The Govt. has recognized the importance of physical education and has drawn a scheme where a student who excels in sports is given the benefits of marks as well as relaxation in attendance. Students can take full benefit of this opportunity to exhibit their talents at University level, State, National & International level. We have facilities like Football ground, two Badminton courts (Wooden), Judo mats, T.T. tables, Multiple gym, Volleyball court and other Indoor facilities

COLLEGE LIBRARY

College library is situated in a separate spacious building. It has a reading room for students to accommodate 100 students at a time and a separate reading room for staff. Seminar room has well equipped facilities to accommodate 75 persons at a time. There is a separate stack room for reference books and separate stack room for other books. Library has collection of 20877 books in different subjects. Library subscribes 42 journals and magazines every year and 9 newspapers both local and national, in Marathi, English and Konkani languages. Students make use of library daily for study purpose as well as for borrowing books.

Library has computerized its database. Library has 4 staff members-One Librarian, one L.D.C. and two library attendants to look after the library work. Library functions from 8.30 am to 5.00 pm on all working days of the college. The facility of the library is also used by staff and students of our other sister institutions as well as by the ex- students of our college.

COURSES OF STUDY IN THE ARTS FACULTY

I & II Semester (F.Y.B.A.)

A student is required to offer Eight Papers as follows :

(5 compulsory papers & 3 major papers.)

Compulsory Papers (5)

- i) English
- ii) Any one Language (Optional Language)
Hindi / Marathi / Konkani
- iii) Information Technology (I.T.)
- iv) Foundation Course (F.C.) History of India`s Struggle for Independence
- v) Environmental Studies (Ev.S.)

Major subject Papers (3)

Any one Group of 3 major subjects, from the subject combinations given below

SUBJECT COMBINATIONS FIXED AT F.Y. B.A. (Semester I & II)

(Integrated Course)

1) KONKANI

- 1) Konkani / Psychology / History
- 2) Konkani / Marathi / Political Science
- 3) Konkani / Hindi / Philosophy

2) MARATHI

- 1) Marathi / Hindi / Psychology
- 2) Marathi / Hindi / History
- 3) Marathi / Konkani / Political Science

3) HINDI

- 1) Hindi / Philosophy / Konkani
- 2) Hindi / Marathi / History
- 3) Hindi / Marathi / Psychology

4) POLITICAL SCIENCE

- 1) Political Science / Economics / Philosophy

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2) Political Science / Economics / History

3) Political Science / Marathi / Konkani

5) ECONOMICS :

1) Economics / Philosophy / Psychology

2) Economics / Political Science / Philosophy

3) Economics / Political Science / History

6) HISTORY

1) History / Economics / Political Science

2) History / Hindi / Marathi

3) History / Psychology / Konkani

7) PHILOSOPHY

1) Philosophy / Hindi / Konkani

2) Philosophy / Political Science / Economics

3) Philosophy / Economics / Psychology

8) PSYCHOLOGY :

1) Psychology / Hindi / Marathi

2) Psychology / Konkani / History

3) Psychology / Economics / Philosophy

III & IV Semester (S.Y.B.A.)

The students are required to offer seven papers as follows :

(4 Compulsory Papers & 3 Major Papers)

Compulsory Papers (4 papers)

1) English

2) Allied to Major Subjects (Choose any one from below)

i) Labour Welfare and Industrial Relations

ii) Value Education

3) (i) Psychology of Adjustment (Sem III) or

HNA -1 जनसंचार माध्यम : प्रिंट मीडिया

(Media of Mass-Communication : Print Media) (Sem. III)

(ii) Child Psychology (Sem. IV) or

HNA -2 जनसंचार माध्यम : इलेक्ट्रॉनिक मीडिया

(Media of Mass-Communication : Electronic Media) (Sem. IV)

4) Foundation Course

(Choose any one from below)

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- (i) Environmental Ethics
- (ii) History of Science, Arts and Culture.

Major Subjects (3 papers)

One Paper in each of the same three major subjects offered at Semester I & II (Subject Combinations will remain same as they were in Semester I & II. Please see in semester combinations at I & II semester as above).

V & VI Semester (T.Y.B.A.)

In all there will be six Papers of 100 marks each for each Semester and a Project – Paper of 100 marks. Project – paper is to be completed in both the semesters i.e. Semester V & Semester VI.

Students are required to offer any Combination of subjects given below. Each subject will have three papers.

The following Subject Combinations are available : - (3 Units)

- | | |
|---------------------------------------|--------------------------------------|
| i) Economics and Political Science | xi) Marathi and Hindi |
| ii) Economics and History | xii) Marathi and Konkani |
| iii) Philosophy and Political Science | xiii) History and Hindi |
| iv) Philosophy and Psychology | xiv) History and Konkani |
| v) Philosophy and Hindi | xv) History and Political Science |
| vi) Philosophy and Konkani | xvi) Economics and Philosophy |
| vii) Economics and Psychology | xvii) History and Marathi |
| viii) Psychology and Hindi | xviii) Political Science and Konkani |
| ix) History and Psychology | xix) Political Science and Marathi |
| x) Psychology and Konkani | |

The following subjects are available with 6 Units (Entire)

- i) Political Science
- ii) Marathi

NOTE :

- 1) The above subject combinations for T.Y.B.A. will be offered subject to minimum number of students and / or availability of class rooms as per the time table.
- 2) Principal's decision in this matter will be final and binding. The Principal reserves the right to add / delete subject combinations.
- 3) Students can opt a project Paper in either of the subjects offered at Semester V & VI.

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PRESCRIBED SYLLABUS - ARTS FACULTY

Compulsory Paper

- 1) **English - I to IV Semester**
 - i) Semester – I Spoken English
 - ii) Semester – II Written English
 - iii) Semester – III Functional English
 - iv) Semester – IV English Language Through Literature

2) **Optional Language (Any One)**

a) **Marathi**

Semester – I	:	मराठी ललित निबंध
Semester – II	:	मराठी कविता

b) **Konkani** कोंकणी

Semester - I	:	निबंध आनी वेव्हारीक
Semester - II	:	निबंध आनी वेव्हारीक

c) **Hindi** हिंदी

Semester - I	:	कविता, गद्य, व्याकरण
Semester - II	:	कविता, गद्य, व्याकरण

I to VI Semester

MAJOR SUBJECT Papers (Elective Subjects)

a) **Marathi** मराठी

Semester I Paper I	:	कथा वाङ्मयप्रकार आणि लेखन कौशल्ये
Semester II Paper II	:	नाटक-साहित्यकार आणि लेखन कौशल्ये
Semester III Paper III	:	कादंबरी, निबंध लेखन आणि संवाद लेखन
Semester IV	:	कविता, अलंकार आणि कार्यालयीन पत्रव्यवहार लेखन

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Semester V	Paper V	:	मराठी वाङ्मयाचा इतिहास - प्रारंभ ते १६५०	}	3 Units
	Paper VI	:	काव्य शास्त्र आणि साहित्य समीक्षा		
	Paper VII	:	प्रसारमाध्यमांसाठी लेखनमाला		
	Paper VIII	:	भाषाशास्त्र	}	6 Units
	Paper IX	:	मराठी वाङ्मयाची सांस्कृतिक पार्श्वभूमी.		
	Paper X	:	आधुनिक मराठी साहित्यप्रकार - प्रवृत्ती आणि प्रवाह		
Semester VI	Paper XI	:	मराठी वाङ्मयाचा इतिहास.	}	3 Units
	Paper XII	:	रससिद्धांत आणि साहित्य समीक्षा		
	Paper XIII	:	प्रसारमाध्यमांसाठीची लेखन कौशल्ये		
	Paper XIV	:	मराठी व्याकरण	}	6 Units
	Paper XV	:	गोमंतकीय मराठी वाङ्मयाची सांस्कृतिक पार्श्वभूमी		
	Paper XVI	:	आधुनिक मराठी साहित्य प्रकार		

b) Hindi हिन्दी

Semester - I	HNE - 1	:	कहानी, कविता, अलंकार, निबंध
Semester - II	HNE - 2	:	कहानी, कविता, अलंकार, अनुवाद
Semester - III	HNE - 3	:	काव्य, उपन्यास (गबन), संक्षेपण, संवाद लेखन
Semester - IV	HNE - 4	:	काव्य, निबंध, साहित्य, निबंध लेखन
Semester - V	HNE - 5	:	हिन्दी साहित्य, आदिकाल एवं भक्तीकाल
	HNE - 6	:	आधुनिक हिन्दी काव्य
	HNE - 7	:	निबंध एवं जनसंचार माध्यम लेखन
Semester - VI	HNE - 11	:	हिन्दी साहित्य - रीतिकाल
	HNE - 12	:	आधुनिक हिन्दी गद्य
	HNE - 13	:	निबंध एवं जनसंचार माध्यम लेखन

Allied to Major

Semester - III	HNA - 1	:	जनसंचार माध्यम : प्रिंट मीडिया (Media of Mass-Communication : Print Media)
Semester - IV	HNA - 2	:	जनसंचार माध्यम : इलेक्ट्रॉनिक मीडिया (Media of Mass-Communication : Electronic Media)

c) Konkani कोंकणी

Semester - I	:	लघुकथा : एक साहित्यप्रकार
Semester - II	:	लघुकथा : एक साहित्यप्रकार
Semester - III	:	कविता : एक साहित्यप्रकार
Semester - IV	:	एकांकी : एक साहित्यप्रकार
Semester - V & VI	:	वेव्हारीक कोंकणी
	:	कादंबरी : एक साहित्यप्रकार
	:	कोंकणी भास आनी साहित्याचो इतिहास

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d) HISTORY

Semester I –	Paper I	History of Goa from the earliest to 1987 – I
Semester II –	Paper II	History of Goa from the earlist to 1987 – II
Semester III –	Paper III	Ancient India I
Semester IV –	Paper IV	Ancient India II
Semester V -	Paper V	History of the Mughals
	Paper VI	Indian National Movement up to 1905
	Paper VII	World Revolutions
Semester – VI	Paper VIII	History of the Marathas
	Paper IX	Towards Freedom (1905-1947)
	Paper X	History of Modern Europe (1815 – 1945)

FOUNDATION COURSE

Semester I –	History of India`s struggle of freedom
Semester II –	'''
Semester III	History of Science, Arts & Culture
Semester IV –	'''

e) Political Science

Semester I	PS 1	Introduction to Political Theory
Semester II	PS 2	State, Society and Individual
Semester III	PS 3	Indian Constitution
Semester IV	PS 4	Constitutional and Social Issues in India

Political Science (III Units)

Semester – V	PS 5	Public Administration
	PS 6	International Relations
	PS 7	Western Political Thinkers.

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Semester – VI	PS 8	Indian Administration
	PS 9	International Institutions
	PS 10	Western Political Thinkers

Political Science (VI Units)

Semester- V	PS 11	Indian Political Thinkers (Manu to Azad)
	PS 12	Government and Politics of Goa : Pre-Statehood.
	PS 13	comparative Government
Semester – VI	PS 14	Indian Political Thinkers (Gokhale to M. N. Roy)
	PS 15	Government and Politics of Goa : Post Statehood.
	PS 16	Comparative Politics.

f) Economics

Semester – I	Paper – I	(Microeconomics – I)
Semester – II	Paper – II	(Microeconomics – II)
Semester – III	Paper- III	(Macroeconomics- I)
Semester – IV	Paper – IV	(Macroeconomics – III)
Semester – V	Paper V	Contemporary Indian Economy – I
	Paper VII	International Trade & Finance – I
	Paper IX	Public Finance – I
Semester VI	Paper VI	Contemporary Indian Economy – II
	Paper VIII	International Trade Finance – II
	Paper X	Public Finance – II

Allied to Major

Labour Welfare & Industrial Relations – I
Labour Welfare & Industrial Relations – II

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g) Philosophy

Semester I Moral Philosophy – 1

Semester II Moral Philosophy – 2

Semester III Issues in Philosophy – 1

Semester IV Issues in Philosophy -2

Semester V & VI (Three units)

Paper – III – History of Western Philosophy

Paper – IV – History of Indian Philosophy

Paper – V – Philosophy of Religion

Allied to Major

Semester III Philosophy of Value Education – 1

Semester IV Philosophy of Value Education – 2

Foundation Course (F.C.)

Semester III Environmental Ethics – 1

Semester IV Environmental Ethics – 2

h) Psychology

Semester – I Paper – 1 Fundamentals of Psychology

Semester- II Paper – 2 Fundamentals of Psychology

Semester – III Paper – 3 Social Psychology

Semester – IV Paper – 4 Psychology of Adolescence

Semester – V Paper – 5 Criminal Psychology

Paper – 6 Health Psychology

Paper - 7 Abnormal Psychology I

Semester – VI Paper – 12 Statistics

Paper – 13 Organizational Behaviour

Paper – 14 Abnormal Psychology II

Allied to Major

Semester – III Psychology of Adjustment

Semester – IV Child Psychology

COURSES OF STUDY - SCIENCE FACULTY

I & II Semester (F.Y.B.Sc.)

A student is required to offer the following 8 Papers.

Compulsory Papers (2 Papers)

- 1) Information Technology (I.T.)
- 2) Environmental Studies (Ev.S.)

Major Papers (3 subjects x 2 Papers each = 6 Papers)

The following subject combinations are allowed in Major Subject Category :
(Students can offer any one of the following subject combinations.)

Major A	Physics - Chemistry - Mathematics
Major B	Physics - Chemistry - Botany
Major C	Microbiology - Chemistry - Zoology
Major D	Chemistry - Ind. Chemistry - Mathematics
Major E	Chemistry - Botany - Zoology

In all, there will be two Papers each in three subjects under Major category. Each Paper will have Theory component & Practical component. In case of Mathematics both the papers shall have theory component only.

In all, there will be total Eight Papers (Seven Papers carrying 100 marks each and one Papers of 50 marks.)

III & IV Semester (S.Y.B.Sc.)

Compulsory subjects

1. Ecology
2. Entrepreneurship Development
(For Industrial Chemistry Students only)

Major Subject Category

Same subject Combination as offered in Semester I & II

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Semester V & VI (T.Y.B.Sc.)

The Following subject combinations are offered :

6 Units of 1 subject (Entire)

- 1) Chemistry
- 2) Botany
- 3) Zoology
- 4) Microbiology
- 5) Physics

3 Units of 2 Subjects

- 1) Physics – Mathematics
- 2) Chemistry – Industrial Chemistry

PRESCRIBED SYLLABUS - SCIENCE FACULTY

a) BOTANY

Semester I :

- Major I (Paper I) : Diversity and Classification of Plant Kingdom – I
Major I (Paper II) : Cell Biology : Structure Organisation.
(Practicals I & II)

Semester II :

- Major II (Paper III) : Diversity and Classification of Plant Kingdom – I
Major II (Paper IV) : Principals of Biochemistry
(Practicals III & IV)
(Field Trip – Two Local Field Trips.)

Semester III

- Paper V : Plant Physiology I
Paper VI : Plant Ecology I

Semester IV

- Paper VII : Plant Physiology II
Paper VIII : Plant Ecology II
(Paper V, VI, VII, VIII will have Practical)
(Field Trip : Two local trips and one long trip of three days duration outside Goa.)

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Botany (Six units)

Semester V	Paper IX	: Systematics of Angiosperms
	Paper X	: Genetics and Plant Breeding
	Paper XI	: Plant Biochemistry and Molecular Biology.
	Paper XII	: Plant Biotechnology and Genetic Engineering. Botany Project (Practicals -IX, X, XI, XII)
Semester VI	Paper XII	: Plant Anatomy and Developmental Biology of flowering plants.
	Paper XIV	: Genetics, Plant Breeding and Statistical Methods.
	Paper XV	: Microbiology & Plant Pathology
	Paper XVI	: Economics & Applied Botany Botany Project (Practicals -XIII, XIV, XV, XVI)

b) CHEMISTRY

Semester – I	CH – 101	: Physical & Inorganic Chemistry
	CH – 103	: Organic & Inorganic Chemistry Practicals
Semester – II	CH – 102	: Physical & Inorganic Chemistry
	CH – 104	: Organic & Inorganic Chemistry Practicals

INDUSTRIAL CHEMISTRY

Semester – I	IC – 101	: General Industrial Chemistry
	IC – 103	: Materials Balance & Utilities Practicals
Semester – II	IC – 102	: General Industrial Chemistry
	IC – 103	: Energy Balance & Unit Operations. Practicals
Semester III	Ch 201	: Chemistry Paper I
	Ch 202	: Chemistry Paper II Practicals
Semester IV	Ch 203	: Chemistry Paper I
	Ch 204	: Chemistry Paper II Practicals

INDUSTRIAL CHEMISTRY

Semester III

IC 20	:	Ind. Chemistry Paper I
IC 202	:	Ind. Chemistry Paper II Practicals

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Semester IV

IC 203 : Ind. Chemistry Paper I

IC 204 : Ind. Chemistry Paper II
Practicals

Semester– V (Six Units)

Theory : 400 marks

Paper – I Physical Chemistry

Paper – II : Inorganic Chemistry

Paper – III Organic Chemistry

Paper – IV : Analytical / Pharmaceutical Chemistry

Practicals : 200 marks

Paper – I & Paper II

Project work : To be started

Semester – VI (Six Units)

Theory – 400 marks

Paper – I : Physical Chemistry

Paper – II : Inorganic Chemistry

Paper – III : Organic Chemistry

Paper – IV : Analytical / Pharmaceutical Chemistry

Practicals : 200 marks

Project work : Given in Sem. V to be evaluated

Semester – V Three – Units

Theory : 200 marks

Paper – I : Physical and Inorganic Chemistry

Paper – II : Organic and Analytical Chemistry

Practicals : 100 marks

Project work : To be started

Semester–VI (Three- Units)

Theory : 200 marks

Paper – I : Physical and Inorganic Chemistry

Paper – II : Organic and Analytical Chemistry

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Practicals : 100 marks
Project work : To be evaluated

Industrial Chemistry

Semester – V IC – 301 : Ind Chemistry Paper – I
IC – 303 : Ind Chemistry Paper II
Practicals

Semester –VI IC – 302 : Ind. Chemistry Paper
IC – 304 : Ind Chemistry Paper II
Practicals

c) MATHEMATICS

Semester I Paper I : Calculus of one variable

Semester I Paper II : Analytical Geometry.

Semester II Paper I : Discrete Mathematics

Semester II Paper II : Probability and Statistics

Semester III Paper 301 : Numerical methods
Paper 302 : Calculus of two variables

Semester IV Paper 401 : Matrix algebra
Paper 402: Differential equations - I
(Paper 301, 401) : Both Semesters will have Practical.)

Semester V
1) Analysis - I
2) Algebra
3) Analysis II

Semster VI
1) Metric spaces
2) Linear Algebra
3) Complex Analysis

d) MICROBIOLOGY

Semester I 101 : Introduction to Microbiology and Biochemistry - 1
102 : Basic Techniques in Microbiology - 1
Practical 101, Practical 102.

Semester II 103 : Introduction to Microbiology and Biochemistry – 2
104 : Basic Techniques in Microbiology – 2
Practical 103, Practical 104

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Semester III	201 :	Microbial Physiology – I
	202 :	Microbial Genetics – I
		Practical 201, Practical 202
Semester IV	203 :	Microbial Physiology – II
	204 :	Microbial Genetics – II
		Practical 203, Practical 204
Semester V	301 :	Environmental Microbiology
	302 :	Medical Microbiology
	303 :	Practical (301 + 302)
	304 :	Molecular Biology
Semester VI	305 :	Industrial Microbiology
	306 :	Practical (304 + 305)
	307 :	Ecology and Agricultural Microbiology
	308 :	Chemotherapy and Immunology
	309 :	Practical (307 + 308)
	310 :	Genetic Engineering
	311 :	Food Microbiology
	312 :	Practical (310 + 311)

e) PHYSICS

Semester I	Paper 1 :	Mechanics and Properties of Matter
	Paper 2 :	Electricity
	Practical :	I and II
Semester II	Paper 1 :	Waves and Acoustics
	Paper 2 :	Optics
	Practical :	I and II
Semester III	Paper 1 :	Mechanics II
	Paper 2 :	Electronics
Semester IV	Paper 1 :	Heat and Thermodynamics
	Paper 2 :	Modern Physics
	Practical :	I and II
Semester V	Paper 1 :	Electronics
	Paper 2 :	Wave mechanics*
	Paper 3 :	Nuclear Physics

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Paper 4	Electromagnetic theory*
Paper 5	Practical I (Section 1 and 2)
Paper 6	Practical II* (Section 1 and 2)

Semester VI	Paper 1 :	Solid state devices and Instrumentation
	Paper 2 :	Atomic and molecular physics*
	Paper 3 :	Thermodynamics and statistical mechanics
	Paper 4 :	Electromagnetic theory II and Relativity*
	Paper 5 :	Practical I (Paper 1 + 2) (Section 1 and 2)
	Paper 6 :	Practical II (Paper 3 + 4) (Section 1 and 2)
	Final Project :	Physics Project

* Indicates paper and practical for three units B.Sc. degree course students.

f) ZOOLOGY

Semester I	ZT 1	:	Diversity of lower Non-Chordates
	ZP 1	:	Practicals : Diversity of Lower Non-Chordates.
	ZT 2	:	Cell Biology
	ZP 2	:	Practicals : Cell Biology
Semester II	ZT 3	:	Diversity of higher Non-Chordates
	ZP 3	:	Practicals of higher Non-Chordates
	ZT 4	:	Genetics & Molecular Biology
	ZP 4	:	Practicals of Molecular Biology Field Trip : Two Local Field Trips
Semester – III	ZT 5	:	Diversity of Lower Chordates
	ZT 6	:	Animal Physiology
	ZP 5	:	Diversity of Lower Chordates Practical
	ZP 6	:	Animal Physiology Practical
Semester IV	ZT 7	:	Diversity of Higher Chordates
	ZT 8	:	Ecology & Animal Behaviour
	ZP 7	:	Diversity of Higher Chordates
	ZP 8	:	Ecology & Animal Behaviour

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- Semester V**
- ZP -09 : Comparative Anatomy of Vertebrates
 - ZP-10 : Human Physiology & Biochemistry
 - ZP -11 : Applied Genetics & Evolution
 - ZP-12 : Basic Animal Biotechnology
 - ZLC-01 : Practicals :
 - a. Comparative Anatomy of Vertibrates
 - b. Human Physiology & Biochemistry
 - ZLC-02 : Practicals :
 - a. Applied Genetics & Evolution
 - b. Basic Animal Biotechnology
- VI Semester**
- ZP-13 : Development Biology
 - ZP-14 : Endocrinology
 - ZP-15 : Environmental Biology & Toxicology
 - ZP-16 : Animal Biotechnology Applications
 - ZLC-03 : Practicals :
 - a. Developmental Biology
 - b. Endocrinology
 - ZLC-04 : Practicals :
 - a. Environmental Biology & Toxicology
 - b. Animal Biotechnology Applications
- Field Trip : 3 local trips and one long trip of 10 days duration.

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MAJOR AND MINOR RESEARCH PROJECTS

Sr. No.	Major / Minor Research Project	Name of Principal Investigator/s/Co-Investigator/s	Topic	Year of Sanction	Funding Agency	Amount	Status Ongoing/ Completed
I	LANGUAGES						
1.	Dept. of Marathi Minor	Dr. Vidya V. Prabhudessai	A. K. Priolkaranche Aprakashit Lalit Lekhan (A. K. Priolkar's Fiction)	2009	U.G.C.	35000/-	Completed
2.	Minor	Dr. Vidya V. Prabhudessai	An impact of Marathi and Konkani on Malavani dialect (Malavani Bolivaril Konkani ani Marathi Bhashancha Prabhav)	2012	U.G.C.	60000/-	Ongoing
3.	Dept. of Konkani Minor	Shri. B. V. Bhavé	History of Konkani language & Literature	2000	U.G.C.	24000/-	Completed
II	SOCIAL SCIENCE						
4.	Dept. of Political Science Minor	Dr. Badruddin	Bangladeshi Refugees in India and the issues of Human Rights	2000	U.G.C.	15000/-	Completed
5.	Minor	Dr. Badruddin	Socio-Economic & Political Status of Indian Diaspora	2007	U.G.C.	80000/-	Completed
6.	Dept. of Philosophy Minor	Dr. Kamaladevi R. Kunkolienkar	"World Philosophies History and Introduction"	2004	Goa Konkani Academy	12000/-	Completed
7.	Minor	Dr. Kamaladevi R. Kunkolienkar	"Philosophy of Physics David Bohm's Holographic Paradigm"	2006	IISR Pune	90000/-	Completed
8.	Minor	Dr. Kamaladevi R. Kunkolienkar	"Impact of altered value system on tribal women in Goa"	2009	U.G.C.	75000/-	Ongoing
9.	Dept. of History Minor	Dr. Varsha V. Kamat	"The Portuguese & British Colonialism in the Indian sub continent - A Comparative study of Socio - political & Economic aspects	2001	U.G.C.	40000/-	Completed
10.	Minor	Dr. Varsha V. Kamat & Mr. Anil Bhandiwad	A Demographic study of the 20th Century Goa -Its Socio - Economic & Religious fallout	2007	U.G.C.	75000/-	Completed
11.	Dept. of Economics Minor	Dr. Jeronimo G.R. Monteiro	An Analysis of Productivity & Efficiency of Seaports	2012	U.G.C.	435000/-	Ongoing

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MAJOR AND MINOR RESEARCH PROJECTS

Sr. No.	Major / Minor Research Project	Name of Principal Investigator/s/Co-Investigator/s	Topic	Year of Sanction	Funding Agency	Amount	Status Ongoing/ Completed
III	Physical Science						
12.	Dept. of Chemistry Minor	Dr. Anita Tilve	Systematic Chemical investigation of the plant <i>Crewia Microcos</i>	1999	UGC	39000/-	Completed
13.	Minor	Dr. Harsha P. Uskaikar	Spectrophotometer study of complexes by jobs method	1999	UGC	50000/-	Completed
14.	Minor	Dr. V. J. Pissurlekar	Synthesis & Characterisation of Nanoparticle Mn-Zn mixed ferrit	2007	U.G.C.	69000/-	Completed
15.	Minor	Dr. V. J. Pissurlekar	Preparation, Characterisation and Magnetization Studies of some Soft Ultrafine Mixed Metal Ferrites	2012	U.G.C.	170000/-	Completed
16.	Minor	Ms. A. B. Kanolkar & Dr. Anita Tilve	Systematic Investigation of <i>Basela alba</i>	2008	DST Goa	110000/-	Completed
17.	Minor	Ms. A. B. Kanolkar & Dr. Anita Tilve	Systematic Investigation of <i>Portuleca oleracea</i>	2008	UGC	118000/-	Completed
18.	Minor	Dr. Harsha P. Uskaikar	Synthesis and Characterization of polymericnanocomposites	2009	UGC	200000/-	Completed
19.	Dept. of Physics Minor	Dr. Satish H.P. Keluskar	Preparation, Characterisation and study of electrical & Magnetic properties of Mn-Zn ferrite prepared by nitilotriacetate precursor method	2002	UGC	40000/-	Completed
20.	Dept. of Mathematics Minor	Dr. Kulkarni M.N.	Value Distribution of solutions of Painleve - Differential equations	2008	UGC	35000/-	Completed
IV	Life Science						
21.	Dept. of Botany Minor	Dr. Sima V. Kamat	Conservation of Sweet Water bodies of Phonda and Tiswadi Talukas of Goa	1989	W.W.F. Goa	15000/-	Completed
22.	Minor	Dr. Sima V. Kamat	Survey and documentation of Medicinal plants of Goa and their uses	1994	W.W.F. for Nature India Secretariate Delhi	15000/-	Completed

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MAJOR AND MINOR RESEARCH PROJECTS

Sr. No.	Major / Minor Research Project	Name of Principal Investigator/s/Co-Investigator/s	Topic	Year of Sanction	Funding Agency	Amount	Status Ongoing/ Completed
IV	Life Science						
23.	Dept. of Botany Minor	Dr. Sima V. Kamat	Bio ecological studies on macrophytes wetlands of Goa	1999	U.G.C.	10000/-	Completed
24.	Minor	Dr. Kasturi N. Desai	Managing, Monitoring & measuring the sustainability of coastal dimension	1999	University of Trieste, Italy Consultancy	10000	Completed
25.	Minor	Dr. Sima V. Kamat	Algal biodiversity of the Wetlands of Goa.	2001	U.G.C.	30000/-	Completed
26.	Minor	Dr. Sima V. Kamat	Fungal diversity of fresh water wetlands of Goa	2010	U.G.C.	150000/-	Completed
27.	Major	Mrs. Ranjita U. Savaikar and Dr. (Mrs) Sima V. Kamat	Eutrophication of some fresh water bodies of Goa	2010	U.G.C.	835000/-	Completed
28.	Dept. of Zoology Major	Dr. S. H. Bhosale Dr. A. V. Deshpande and Dr. P. Bhattacharya	Comprehensive & comparative and study of the impact of Monoculture Afforestation on the native Environment of Goa	1992	DST & E Govt. of Goa	73800/-	Completed
29.	Minor	Dr. S. H. Bhosale	Insect species diversity in Ponda - Goa	1999	U.G.C.	40000/-	Completed
30.	Minor	Dr. Deeparani K. Prabhu and Dr. S. H. Bhosale	Studies on bio-efficacy of few entomogenous fungi from Goa against Anopheles stephensi, Culex quinque fasciatus and Aedes aegypti	2004	U.G.C.	30000/-	Completed
31.	Minor	Dr. S. H. Bhosale Mrs. Teja A. Gramopadhye	Checklist of birds from college campus, Farmagudi-Ponda	2006	GSCS & T and DST&E Govt. of Goa	2000/-	Completed
32.	Minor	Dr. S. H. Bhosale Ms. Deepa Fernandes	Distribution of Micro-Arthropods in the college Campus, Farmagudi - Ponda	2007	GSCS & T and DST&E Govt. of Goa	2000/-	Completed
33.	Minor	Dr. S. H. Bhosale Ms. Deepa Fernandes	Bio-diversity of soil dwelling microarthropods of Goan mangroves	2009	U.G.C.	140000/-	Completed

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MAJOR AND MINOR RESEARCH PROJECTS

Sr. No.	Major / Minor Research Project	Name of Principal Investigator/s/Co-Investigator/s	Topic	Year of Sanction	Funding Agency	Amount	Status Ongoing/ Completed
IV	Life Science						
34	Dept. of Zoology Minor	Mrs. Teja A. Gramopadhye Dr. S. H. Bhosale	Ant faunal diversity in Bondla Wildlife Sanctuary Goa	2009	U.G.C.	135000/-	Completed
35	Minor	Shri. G. P. P. Khanolkar	A Critical Review of the management efforts in the marine commercial landings in Malvan Distr. Sindhudurg of Maharashtra with special reference to the role of fisherman Co-op. Societies	2013	Indian Council of Social Service Research (ICSSR)	100000/-	Ongoing
36	Dept. of Microbiology Minor	Dr. Sunita Borker	Bio-diversity of Alkaliphiles in natural & manmade alkaline environments in Goa	1999	U.G.C.	34000/-	Completed
37	Minor	Dr. Carolina F.E. Fernandes	Development of appropriate technology for production of wires from locally grown tropical fruits.	2000	U.G.C.	32000/-	Completed
38	Minor	Dr. Sunita Borker	Siderophore producing alkalipids and halophiles from marine and coastal ecosepherem	2008	U.G.C.	100000/-	Completed
39	Minor	Dr. Carolina F.E. Fernandes and Dr. Sunita Borker	Exopolysaccharides from hypersaline habitats	2009	U.G.C.	200000/-	Completed
40	Mazor	Dr. Sunita Borker and Dr. Carolina F.E Fernandes	Studies on phosphate solubilizing halophiles and alkaliphiles from marine and coastal ecosystems as potential bio-fertilisers for saline soils	2009	M.O.E.S.	11,87060/-	Completed

ADMISSION PROCEDURE

- 1) Admissions are given on merit basis.
- 2) Reservation of seats as per Goa Government rules.
- 3) The application form alongwith the Handbook & Calender can be purchased from the College Office between 10.00 a.m. to 12.30 p.m. on all working days. The last date for submitting the application alongwith other documents and fees is as prescribed by Goa University.
- 4) Students who are already studying in the College should apply for admissions to the higher class immediately after the results of the lower class are declared or as notified. **The Principal reserves the right to refuse admission to a student whose past academic record or conduct was considered unsatisfactory.**
- 5) Students should contact the College office with the admission form duly completed. Students will also have to declare in the admission form if they have registered themselves at any other institution. Incomplete applications will not be considered.
- 6) No admission shall be regarded as duly granted, unless it is granted by the authority of the Principal, the necessary fees are paid and the admission is approved by Goa University.
- 7) Students coming from Examination Boards other than H.S.S.C. Examination of Goa Board / Govt. must get an Eligibility Certificate from the Registrar, Goa University, before their case for admission to this College can be considered. A Student Producing a Provisional Certificate of Eligibility may be admitted at his / her own risk and on condition that He / She obtains a final certificate of Eligibility, before the close of the academic term in which He / She is provisionally admitted to the College.
- 8) Students passing the Examination of H.S.S.C. Board Goa and intending to join F.Y. Classes will be required to submit the application for Enrolment along with an attested photo copy of the same, failing which their admission will be treated as cancelled. They should also submit their H.S.S.C. passing certificate alongwith attested photo copy to the college office, before the end of the 1st term as per the dates specified by the College authorities, failing which their admission is liable to be cancelled.
- 9) Students coming from other colleges affiliated to Goa University and seeking admission to F.Y./ S.Y./ T.Y. class must produce `No objection Certificate` and number of attempts at F.Y./ S.Y./ T.Y. class from the Principal of the College attended by them.

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- 10) Every Student seeking admission to the S.Y./T.Y. Class must produce the original passing certificate (with the statement of marks of the F.Y./S.Y. Examination, alongwith an attested photo copy of the same) of the College earlier attended by him /her alongwith attested photo copy of same at the time of admission. failing which His / Her admission is liable to be cancelled. This rule applies to P.E.S.'s SRSN College Students also along with other college students.
- 11) Every Student will appear for the interview by the Principal at the time of admission. The students are expected to be accompanied by one of their Parents / Guardians at the time of interview. Admission may not be granted if a student is not accompanied by the appropriate Guardian. All rights to grant or reject admission are reserved by the Principal.
- 12) **PRINCIPAL RESERVES THE RIGHT OF ADDING OR DELETING ANY SUBJECT COMBINATION/S.**
- 13) Students who are seeking admission to F.Y. Classes are expected to attach four copies of their Photographs :
 - 1) One to be affixed on the Application Form.
 - 2) One for the College Identity Card. (to be affixed on the Identity Card form attached herewith)
 - 3) Two for the University Registration.
For S.Y. and T.Y. Classes, Students (Other than the new applicants) need only 2 photographs.
- 14) All the classes for the academic year 2014 – 2015 will commence from 16th June, 2014

COLLEGE RULES AND REGULATIONS

- 1) The College attaches great importance to good discipline and the same shall be observed by the students in the College. Disobedience, misconduct or misbehaviour or failure to comply with any rules will be severely dealt with.
- 2) Students shall abide by the rules that may be enforced by the Principal of the College from time to time and shall do nothing inside or outside the College, that will interfere with its orderly administration. They shall not invite or instigate any outsider to enter the College premises by their action or speech.
- 3) i) No special fund shall be collected on behalf of any College association without a written permission from the Principal to do so. ii) The Principal is the Ex-Officio President of all the College Associations and his decision in all matters is final. iii) Every trip of the College must be accompanied by an adequate number of teaching staff. Prior permission of the Principal for every trip must be obtained by the members of the staff.

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- 4) Conduct of students in the classes as well as in the College premises shall be such, as will cause no disturbance to fellow students or to other classes.
- 5) Students must not attend classes, other than their own, without the permission of the Teacher concerned.
- 6) **Students must not loiter in the College premises while the classes are in progress.**
- 7) Students are expected to take proper care of the College property in keeping the premises neat and tidy. Any damage done to the College property is a breach of discipline and will be severely dealt with. Every class will be held responsible for the cleanliness of their classroom.
- 8) No person shall be invited to address a College meeting or an association without the prior permission of the Principal. Even in College debates, it is necessary to get all the subjects proposed for discussion, approved in advance and such debates should be held under the Presidentship of the person approved by the Principal.
Ragging of any kind in the College premises is strictly banned by law.
- 9) Students must attend all classes, practicals, seminars, tutorials, according to the time table on all working days of the College. Students must not remain absent for classes, practicals, tutorials, seminars and examination without the prior permission of the Principal.
- 10) It is proposed to prepare task forces to maintain the campus clean and tidy and every student shall participate in this activity.
- 11) **i) Smoking in the College premises is strictly prohibited. ii) Absolute silence is expected in the College library and reading room. iii) Every Student must have his or her identity card with him /her when he / she is in the College premises.**
- 12) If for any reason or in the opinion of the Principal (which shall be final) the continuance of the student in the College is detrimental to the best interest of the College, the Principal may ask a student to leave the College without assigning any reason for his decision.
- 13) The decision of the Principal in matters relating to the College shall be final and conclusive.
- 14) All the teachers of the College are involved in maintaining discipline on the campus.
- 15) All the students in biological subjects are expected to compulsorily participate in the field trips as specified under the courses of study for accomplishing and completing the study as per the syllabus prepared by the respective Board of Studies and approved by the Academic Council of Goa University.

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- 16) All the students are expected to use their Handbook & Calendar as a diary to make a note of their daily academic matters. The parents in turn are expected to keep a watch on the diary of their wards, Keep a track of their performance and regularity of work.
- 17) **The use of Mobile Phones is not permitted in the College campus.**
- 18) The College does not take responsibility of organising Picnics for Students.
- 19) In organising the cultural activities. Principal`s decision will be final & binding on the Students.
- 20) Parents are required to visit the College and check periodically the Progress Reports of their Children from College Office at least twice a year.

LIBRARY RULES

- 1) Every student has to bring 2 Photographs for the Library Card.
- 2) Students should observe silence and discipline in the library.
- 3) No student without Identity Card will be permitted in the library. The students shall produce the Identity Card on demand by the College authorities.
- 4) First and second year students are entitled to one Library Card and third year students are entitled to two cards
- 5) Books for home reading will be issued strictly against the borrower`s tickets.
- 6) A student is entitled to borrow a book for home – reading for a period of one week.
- 7) A Students failing to return the book on or before the due date will have to pay a fine of Rs. 1 per day for each day of default.
- 8) The borrowers shall be responsible for the books borrowed under their name. If the book is noticed to be damaged at the time of issue, the attention of the librarian should be called to the fact. In case of removing and tampering of pages from the book, the defaulter has to replace the book or pay the cost of book, to be decided by the Principal.
- 9) The loss of book should be reported to the librarian as soon as possible. The borrower is liable to pay default fine on the book till the date of such report and from that date he will be held responsible for replacing the lost book or paying the cost of the book.
- 10) Sub-leading and transferring of book to other person`s name is not allowed.
- 11) Students shall be entitled to borrow the periodicals / News Papers and reference books only against Identity Cards only for reading in the reading room.

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- 12) Books from the reference section shall not be taken outside the library.
- 13) Current magazines and periodicals will not be issued to the students, old periodicals may be issued for a week.
- 1) Books taken from the library shall be returned when called for.
- 15) All the books borrowed by teaching and non – teaching staff must be returned by 15th April every year for annual physical stock verification of the library.
- 16) Duplicate Library Card will be issued on the loss of the original and will be charged Rs. 25/- only.

Library timing : 8.30 a.m. to 5.30 p.m. on all working days other than public holidays.

ATTENDANCE AND PERFORMANCE

- 1) According to Goa University Ordinance OA -17 relating to minimum attendance for eligibility to appear for of B. A. & B.Sc. Semester Examinations.
 - i) a Student having less than 75% cumulative attendance in a semester or less than 50% attendance in individual paper/course shall not be eligible to appear for that semester.
 - ii) A student representing the Institution/University/State/Country in extra curricular activities such as NCC/NSS/Sports/Cultural events shall be treated as “On duty” at the lectures /practicals missed by him/her and shall be marked as ‘D’ in the Attendance Register. Absence due to such activities should be supported by documentary evidence issued by appropriate authority.
 - iii) Absence on medical grounds for more than four continuous working days is required to be supported with a medical certificate which should be submitted within SEVEN DAYS after rejoining the class. Absence on medical grounds shall be offset against the 25% concession in the attendance already granted. However, if such absence exceeds 25% and is found genuine the student may request for the condonation of the same. The Principal shall examine such absence on the case-to case basis.
- 2) In addition, the student must complete to the satisfaction of the Principal, the course of study including lectures, practicals, tutorials, seminars etc., as prescribed for the term for the class to which the student belongs. Irregular attendance or absence without permission may lead to disciplinary action or loss of terms. In case of illness, medical certificate must be submitted.
- 3) Repeaters if admitted will be regarded as regular students and shall therefore be required to complete to the satisfaction of the Principal, the course of study as prescribed for the classes to which the student belongs.
- 4) Student who opts for biological subjects is required to attend field trips, local and out-station, failing to attend any, one will be deprived of the marks allotted for the same during the practical Examinations

IDENTITY CARD

- 1) Every Student must obtain from the College office a Student's Identity Card. Application Form is attached herewith. Renewal of Identity Card will be done on submission of the Identity Card issued during the previous Year. **Every Student must have his / her Identity Card during College hours or while on a field study.** During College and University Examinations the Identity Card must be shown whenever asked for. The Identity Card shall be returned to the College office without fail when the student leaves the College.
- 2) If the original Identity Card is lost, the student should report the matter to the office immediately for issuing a duplicate identity card. Duplicate card will be issued after the student pays the fines as prescribed.

PAYMENT OF FEES.

- 1) As soon as admission is granted the applicant has to pay the full fees for the full year and the Examination fee for both the Semesters on the same day.
- 2) When delay in payment is permitted by the Principal the payment will have to be made during the prescribed period, failing which, the admission of the student is liable to be cancelled.
- 3) A student admitted in the I/III/V Sem will be considered as duly enrolled for the whole academic year, unless at least a week before the commencement of the II/IV/VI Sem, he / she informs the Principal in writing of his/ her intention to leave the college.

SCHEDULE OF FEES

Class	Tuition Fees	I.T. Course Fees	Laboratory fees (including I.T. lab. fees.)	Library Fees	Gymkhana Fees	Other Fees	Students Aid Fund	Library Deposit	Laboratory Deposit	CM Deposit	Psychology Practical Fees	University Regn. Fees	Exam Fees	Spic Macey	I Card	PTA Fee	Total Fees
ARTS F.Y.B.A. (SEM I / II)	1350/-	700/-	200/-	400/-	200/-	200/-	100/-	55/-	-	55/-	200/-	500/-	2210/-	25/-	120/-	25/-	6340/- (with Psycho) 6140/- (without Psycho)
S.Y.B.A. (Sem III / IV)	1155/-			347/-	174/-	174/-	58/-	20/-	-	-	*174/-	-	2040/-	25/-	120/-	25/-	4312/- (with Psycho) 4112/- (without Psycho)
T.Y.B.A. (Sem V/VI)	1155/-		-	347/-	174/-	174/-	58/-	20/-	-	-	-	-	XAs per Goa Unit. Rules	25/-	120/-	25/-	2098/-
SCIENCE F.Y.B.Sc. (Sem. I / II)	1350/-	700/-	700/-	400/-	200/-	200/-	100/-	55/-	80/-	55/-		500/-	3890/-	25/-	120/-	25/-	8400/-
F.Y.B.Sc. (P.C.M.) (Sem. I / II)	1350/-	700/-	700/-	400/-	200/-	200/-	100/-	55/-	80/-	55/-	-	500/-	3330/-	25/-	120/-	25/-	7840/-
S.Y.B.Sc. (Sem. III/IV)	1155/-		405/-	347/-	174/-	174/-	58/-	20/-	30/-				3720/-	25/-	120/-	25/-	6253/-
S.Y.B.Sc. (P.C.M.) (Sem III/IV)	1155/-		405/-	347/-	174/-	174/-	58/-	20/-	30/-				3160/-	25/-	120/-	25/-	5693/-
T.Y.B.Sc. (Sem. V/VI)	1155/-		405/-	347/-	174/-	174/-	58/-	20/-	30/-				XAs per Goa Unit Rules	25/-	120/-	25/-	2533/-

1. Deposits are refunded at the time of leaving the college.

2. Examination fees are as per the University Rules.

x Examination Fees to be paid later as per Goa University Notification. (T.Y./B.A. / B.Sc. Students only)

* for students offering Psychology subject only

Note : Fees structure subject to Goa Govt./Goa University notification from time to time

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Schedule of Fees for B.Sc. Industrial Chemistry (Vocational Course)

Class	Tuition Fees	I. T. Course Fees	Lab. Fees (Including Computer)	Library Fees	Gymkhana Fees	Other Fees	Students Aid Fund	Library Deposit	Laboratory Deposit	CM Deposit	University Regn. Fees	Exam Fees.	Spic. Macay	I Card	PTA Fee	Total Fees
F.Y. B.Sc. (Sem. I/II)	1950/-	700/-	2550/-	400/-	200/-	200/-	100/-	55/-	80/-	55/-	500/-	3330/-	25/-	120/-	25/-	10290/-
S.Y. B.Sc. (Sem. III/IV)	1675/-	-	2022/-	347/-	174/-	174/-	58/-	20%	30/-	-	-	3160/-	25/-	120/-	25/-	7445/-
T.Y. B.Sc. (Sem. V/VI)	1675/-	-	2022/-	347/-	174/-	174/-	58/-	20%	30/-	-	-	As per Goa Univ. Rules	25/-	120/-	25/-	4670/-

1. Deposits are Refunded at the time of leaving the College.

2. Examination fees are as per the University Rules.

x Examination Fees to be paid later as per Goa University Notification (T.Y. B.Sc. Students only)

Note : Fees structure subject to Goa Govt. / Goa University Notification from time to time

REFUND OF FEES

Rules regarding the refund of fees for the academic year 2014-2015 will be as below. (As per the Goa University Rules vide Circular No. GU/1/Ref. Tuit Fee / 173/2005/448 dated 02/05/2005)

- 1) For the students who changes from one course / Faculty to another in the same College, the Fees are to be suitably adjusted.
- 2) All fees paid by a student at the time of admission shall be refunded to him / her except special fees and contribution to students aid fund after deduction of 12.5% as administrative charges, if the student / guardian informs the Principal of the College / Institution in writing before the date of commencement of the Academic term / year.
- 3) If a student / guardian informs the Principal / Director /Dean of the College / Institution in writing within 30 days from the date of the Commencement of the term that he / she desires to cancel his / her admission, then all fees shall be refunded to him / her after deduction of 15% of the fees collected as administrative charges.
- 4) If a student / guardian informs the Principal / Dean of the College / Institution in writing within 5 days from the date of commencement of the term that he / She desires to cancel his / her admission, all fees shall be refunded to him / her after deduction of 20% of the fees collected as administrative charges.
- 5) If a student / guardian informs the Principal / Director / Dean of the College / Institutions, in writing by upto 30th September of the academic year that he / she desires to cancel his / her admission, all fees shall be refunded to him / her after deduction of 30% of the fees collected as administrative charges.
- 6) If a student / guardian informs the Principal / Director / Dean of College / institution in writing by beyond 30th September of the academic year but before the start of IInd term of the academic year that he / she desires to cancel his / her admission, all fees shall be refunded to him / her after deduction of 50% of the fees collected as administrative charges.
- 7) If a student / guardian informs the Principal / Director / Dean of College / Institution in writing after the start of second term of the academic year that he / she desires to cancel his / her admission, 100% of all the fees shall be deducted, but only the deposits shall be refunded.

In all cases of cancellation the University enrolment fees shall be refunded in full, unless the fees have been already remitted to the University.

Whenever a dispute arises either due to interpretations or genuiness of the case, the matter shall be forwarded for consideration and decision of the Vice – Chancellor, whose decision will be final and binding on all.

This is in supersession of all earlier circulars issued regarding Refund of fees.

SCHOLARSHIPS AND FREESHIPS

Financial assistance schemes such as National Scholarships, Merit Scholarships for the children of teachers, Freeships for children of political sufferers, scholarship for the children of Service Personnel, Talent Search Scholarship, Sainik Scholarship, Hindi Scholarship, EBC Scholarship for Middle, High, Higher Secondary and College, Grants for free education for children of middle classes, Book grants, Monetary incentives etc. are released to various Institutions / Colleges through Grant-In – Aid section of the Directorate of Education.

- 1) The Dept. of Education, Art and Culture, Govt. of Goa provides a scheme for promotion of Science Education under which every student scoring 75% and above marks at Std. XII Examination seeking admission for B.Sc. Courses (Grant in-aid as well as self financing) shall receive a Scholarship of Rs. 2000/-per month for maximum of 30 months till he/she completes his/her course. In addition he/she shall also be provided with a book/equipment grant to a maximum of Rs. 5000/- per year subject to production of fees receipt and relevant expenditure certificate.
- 2) The Dayanand Bandodkar Scheme for Higher Education for Orphans is available for the eligible students of the category. For details refer Notification No. 32/211-12/Bud/DHE/Plan/Part file/1321 published in the official gazette dt. 14th June 2012.
- 3) Prayas Hindi Literary and Cultural Association every year awards D.P. Tiwari Scholarship of Rs. 500/- to a student who has secured the highest marks at XII (Board Examination) in Hindi among the students offering Hindi as an elective (major) at the F.Y.B.A. level in College.
- 4) A Scholarship of Rs. 1,000/- per year awarded by Dempo Charities Trust to students pursuing higher education.
- 5) Scholarships awarded by the Govt. of India, Dept. of Youth Affairs and Sports to sportsmen & sportswomen in different College in India
- 6) Government of India Sports Talent Search Scholarship : Awarded annually by Directorate of Sports, Govt. of Goa.

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- 7) Scholarships are awarded under National Scholarships / National Prize and Merit Certificate (in lieu of Scholarship) to those standing first, second, third and in that order at the last H.S.S.C. Examination.
- 8) National (Merit) Scholarship for the children of school teachers of Pre-Primary, Middle Secondary Schools, Institutions of handicapped, Training Schools or Colleges, the status of which is that if Higher Secondary Schools and Civilian teachers employed in the schools run by Ministry of Defence, who have obtained I Class with at least 60% of marks at the SSC exam or school leaving exam, are eligible to apply, if the parent`s income is less than Rs. 25,000/- per annum.
- 9) Government of India Scholarships to students from Non – Hindi Speaking states for Post–Matric Studies in Hindi.
- 10) National Loan Scholarship Scheme by Govt. of India to students of Goa for pursuing regular full time courses of education and training after matriculation. Only students with at least 50% marks in their qualifying Examination and whose parents income is below Rs. 25,000/- per annum for salaried classes (i.e. Basic Pay, DA, CCA + Income if any) will be eligible for consideration against the Quota of scholarship allotted to this state.
- 11) Scheme for the grant of Educational concessions to the children of India Repatriates from the Portuguese Colonies.
- 12) Stipend and Scholarships to handicapped students.
- 13) The Govt. of Goa through the Directorate of Social Welfare is implementing a scheme for the welfare of handicapped students studying in Goa. The scheme is ``Scholarship to Handicapped Students``. Under this scheme, Scholarships are awarded to students from Std. IX onwards.
- 14) Educational concession to the children of freedom fighters in the State of Goa.
Dependents of freedom fighters including their son / daughter, the grand children. (i.e. the children of his /her deceased son / son-in-law), provided the grand children are dependant on him / her, the `The Adopted children`, `Stepchildren` are given to the children of the freedom fighters, whose income (including the income of the pupil) does not exceed Rs. 300/- (Rupees three Hundred only) per month.

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- 15) Centrally sponsored scheme of Post Metric Scholarship to students belonging to SC/ST/OBC

All children of the same parents / guardians can get benefits of the scheme. Under this, there are also special provisions for SC & ST students with disabilities.

- 16) Fresh Scholarship and stipend, other educational concession to Other Backward Class students, under the Govt. of Goa scheme of Post Metric Scholarship to Other Backward Class students studying in Goa.

- 17) Rajiv Gandhi Shiksha Sahaya Yojana Scholarship to E.B.C. students pursuing higher studies. They should satisfy the following conditions of eligibility.

- That he/she secures a minimum of 45% marks at the 12th Std., F.Y./S.Y. Examination (In case of fresh Scholarship only)
- That he / she should pass the XII Std. / F.Y. S. Y. Examination at the first attempt.
- The total annual income of their parents / guardian from all sources does not exceed Rs. 4,800/-
- That he / she is not employed.
- That he / she is attending full time courses and not part time course.
- That he / she is a resident of the State of Goa.
That he /she is not receiving any other scholarship / Stipend etc.
- Only one student of his / family is eligible to get the above mentioned Scholarship.

- 18) Grant of scholarship to the College going children of Iron Ore and Managanse Ore mine workers, including contract mine workers employed in Iron Ore, Manganese Ore and Chrome Ore mines in the State of Goa.

- 19) Institute of Public Assistance (Provedoria Da – Assistencia Publica Panaji, Goa) grants financial assistance to the students pursuing higher education. The object of the scheme is to encourage the poor students to pursue higher studies by way of providing financial assistance to those who are otherwise unable to bear the expenses of such education due to economic reasons.

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- The applicant must be a bonafide resident of the State of Goa.
- The applicant must be a regular student of a recognised institution.
- The combined income of the applicant, his parent / guardians shall not be more than Rs. 7,500/- per annum.
- The applicant is not receiving any stipend / scholarship or financial assistance from any other source, Govt. Private or Autonomous.
- The applicant shall not be eligible for the grant of assistance if he happens to be repeater in any particular standard after receiving the financial assistance.
- The applicant must have secured at least 50% of the marks in the final Examination
- The applicant must not be a repeater in the SSC Examination.

20) Student Aid Fund in Govt. and Non – Govt. Aided Colleges :

The object of this fund is to render financial assistance to poor students to meet partly or fully their tuition fees or exam fees or purchase of books or for similar other expenses. No scholarship or stipend or prizes will be given from this fund. Every student shall contribute towards this fund Rs. 50/- per annum. The SAF scholarships and freeship will be given to poor and deserving students on the basis of higher percentage of Marks, Lower income and good general character.

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Exam Fee details (B.A./B.Sc. Sem I/ II/III/IV)

Examination registration fees for Undergraduate
(For First / Subsequent appearance)

Rs. 300/-

Examination fee per theory paper (per Semester)

Undergraduate – Non Professional Course

i) For first appearance F.Y./S.Y.

Rs. 85/-

ii) For second and subsequent appearance F.Y./S.Y.)

Rs. 165/-

Practical Examination fees (per Semester)

i) For undergraduate Non – Professional F.Y./S.Y.
(per practical)

Rs. 140/-

ii) For second and subsequent appearance, for the
practical Examination (including) Viva – voce, term
work/ project and such other practical components /
resubmission of dissertations.

Two times the
fees mentioned
for the regular
appearance

Statement of marks (per Semester)

Rs. 75/-

Examination form (per Semester)

Rs.50/-

Late fees for submission of Examination forms

Rs. 250/-

Note : Fees may be subject to the changes as per announcements from Goa University / Govt. of Goa. Students have to pay the balance amount in case the fees are hiked.

ENDOWMENT PRIZES

`Smt. Laxmibai Vishnu Mahatme Memorial Endowment Prize` of Rs. 1001/- sponsored by Shri. Pandurang Vishnu Mahatme of Panaji – Goa for the student securing highest marks in the subject of Chemistry at the T.Y.B.Sc. Examination of April every year

Endowment Prize of Rs. 101/- in memory of ``Late Shri. Vishnu Ganesh Kamat`, Sponsored by Shri. Vishnu Purushottam Kamat of Borim, Ponda, Goa, for a student who scores highest marks in the subject of Botany at the T.Y.B.Sc. Examination of April every year.

Endowment Prize of Rs. 101/- in name of ``Department of Zoology, P.E.S. College, Sponsored by the Staff members of Department of Zoology, P.E.S. College Arts & Science, Farmagudi, Ponda, Goa, for a student who scores highest marks in the subject of Entire Zoology (6 units) at the T.Y.B.Sc. Examination of April every year.

Endowment Prize of Rs. 101/- in name of `Late Shri. Prabhakar Raghunath Prabhu Khanolkar`, for a a student who scores highest marks in the subject of Zoology (6 o 3 units) at the T.Y.B.Sc. Examinicatiqn of April every year.

`J. V. Sabnis Memorial Endowment Prize` of Rs. 50/- sponsored by Dr. (Mrs. Vidya V. Prabhudesai of Ponda – Goa, for a student who scores highest marks in the subject of Marati Provided the student has secured not less than Second Class at the T.Y.B.A. Examination of April every year.

Endowment Prize of Rs. 750/- in name of `Late Shri. Gajanan Rayu Tilve` sponsored by Dr. (Mrs.) Anita Santosh Tilve, Ponda Goa, for a Student who scores highest marks in the subject of Organic Chemistry at the T.Y.B.Sc. Examination of April every year.

Apart from the Endowment prizes, meritorious students are also awarded cash prizes

PRINCIPAL'S AWARDS

These Awards are given to

(i) Best Graduating Arts Student

(ii) Best Graduating Science Student.

The Awards are based on Academic performance from Sem I to Sem. V.

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EXAMINATION PROCEDURES AND REQUIREMENTS

SEMESTER I/II/III/IV

1. There shall be two modes of evaluation of the academic performance of the student offering B.A/B.Sc. Courses Viz.
ISA (Intra Semester Assessment)
SEE (Semester End Examination)
2. A theory paper will have the following breakup of marks
ISA : 20 marks (except for Environmental Education where it will be 10 marks)
SEE : 80 marks (except for Environmental Education where it will be 10 marks)
3. A paper having practical component will have the breakup of marks as follows.
ISA : 15 Marks
SEE : 60 Marks
Practical : 25 Marks
4. The SEE component and practical component will be considered as separate heads of passing
5. The SEE for semester I, II, III and IV will be conducted by college.
6. In mode of ISA may be either includes classroom quiz, presentation, written tests, assignments, orals etc.
7. **A student who does not appear for minimum of two ISA of a paper shall not be eligible to answer SEE of that paper as per Goa University Ordinance number OC 45 -4.12.**
8. A candidate shall be required to score minimum 40% marks in (i) SEE and ISA taken together and (ii) the practical component, to pass in a paper.
9. Marks secured by the student in ISA shall be carried forward even if he/she fails in the paper.
10. No separate passing is needed for ISA and SEE for the papers of I - IV semester examination. Passing is 40% on the aggregate.
11. A repeat examination shall be conducted, preferably after 15 days of the declaration of results of semester II and IV examinations. Students who have a backlog of any or all papers(theory/practical) of semester I, II, III and IV are eligible to appear for this examination, irrespective of whether a student has already attempted semester I examination four times.
12. A student who has not passed all the papers of semester I to IV, will not be eligible for admission to the Vth Semester.

THIRD YEAR EXAMINATIONS

The Third B.A./B.Sc. Examinations will be conducted by the University at the end of V & VI Semesters.

a) For Science Subjects having Practicals :

- i) There will be Examination in four theory Papers except Computer Science. In case of those who have offered one or two subjects at V & VI Semester, each Paper being of a duration of 2 hrs.
 - ii) A project submitted by a student at V & VI Semester B.A./B.Sc. will be evaluated by two examiners, one internal examiner (the guiding teacher) and one external examiner (appointed by Goa University). A group of students carrying out a project collectively will submit 2 copies of the Project Report for evaluation, at the end of VIth Semester, by a date decided by the College.
 - iii) The Examination in the Project Paper will carry 100 marks. There will be a Viva – Voce Examination of each student submitting a project report. which be conducted by the external examiner. The internal examiner is permitted to remain present at the time of VIVA-VOCE Examination.
 - iv) In case a student fails in the Project Paper, he / she may be permitted to resubmit the same project with modifications under the same guiding teacher. In case, the guiding teacher has retired or is not available, the candidate may be permitted to submit the project under any other guiding teacher appointed by the Principal.
 - v) In case of students who fail in the theory Papers and are reappearing for V & VI Semester B.A./B.Sc. Examinations, marks obtained in the Project work will be carried forward for declaration of the result.
- a) In case of students who appear for V & VI Semester B.A./B.Sc. Examinations under improvement of class scheme or to improve percentage, marks obtained in the project work will be carried forward for the declaration of the results.
 - b) For Science students having no practicals there will be Examination in Six theory Papers, each of 2 hrs. In case of those who have offered two subjects there will be there theory Papers each of 2 hrs.
 - c) For students of V & VI Semester B.A. There will be Examinations in six theory Papers either in one subject or in two carrying 80 marks each, of duration of 2 hrs. each.
 - d) To pass the V & VI Semester B.A./B.Sc. Examination, a candidate must obtain 40% aggregate marks. For subjects having practicals, each theory Paper in that subject will be considered as a separate head of passing, except in Computer Science, where each Paper comprising of theory and practical will be considered as a separate head of passing.
 - e) Class will be awarded in B.A./B.Sc. Examinations on the following basis :-
 - 1) 40% and above but less than 50 % - Pass Class
 - 2) 50% and above but less than 60% - Second Class
 - 3) 60% and above but less than 70% - First Class
 - 4) 70% and above – Distinction.

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LIST OF VARIOUS COMMITTEES FOR THE ACADEMIC YEAR 2014 - 15

1) HAND BOOK COMMITTEE :

- | | | |
|----|----------------------------|----------|
| 1) | Dr. S. H. Bhosale | Convenor |
| 2) | Dr. (Ms.) Padmaja V. Kamat | Member |
| 3) | Mr. D. M. Dessai | -do- |
| 4) | Ms. Brenda Souza | -do- |
| 5) | Ms. Mita N. Amonkar | -do- |
| 6) | Ms. Mandakini G. Kundaikar | -do- |

2) CALENDAR COMMITTEE :

- | | | |
|----|-----------------------|----------|
| 1) | Ms. Deepa Fernandes | Convenor |
| 2) | Ms. Anuradha Kanolkar | Member |
| 3) | Dr. (Ms) A. M. Rao | -do- |
| 4) | Ms. Uma Priolkar | -do- |
| 5) | Ms. Shital Dessai | -do- |
| 6) | Dr. Badruddin | -do- |

3) ADMISSION COMMITTEE :

- | | | |
|----|-----------------------------|---------------------------|
| 1) | Dr. (Ms) K. R. Kunkolienkar | Convenor |
| 2) | Dr. V. J. Pissurlekar | Member (Incharge Science) |
| 3) | Dr. G. V. S. Kundaikar | Member |
| 4) | Dr. P. Bhattacharya | -do- |
| 5) | Mr. A. V. Bhandiwad | Member (Incharge Arts) |
| 6) | Dr. (Ms.) P. V. Kamat | -do- |
| 7) | Mr. Sandeep Lotlikar | -do- |

4) TIME TABLE COMMITTEE :

- | | | |
|----|----------------------------|------------------|
| 1) | Dr. (Ms) K.R. Kunkolienkar | Convenor |
| 2) | Mr. A. V. Bhandiwad | Incharge Arts |
| 3) | Ms. Priya Sabnis | Member |
| 4) | Mr. Sandeep Lotlikar | -do- |
| 5) | Mr. G. P. P. Khanolkar | Incharge Science |
| 6) | Ms. Lynette Fernandes | Member |
| 7) | Dr. A. V. Deshpande | -do- |

5) COLLEGE PLANNING BOARD :

- | | | |
|----|-------------------------------------|------------------|
| 1) | Principal | Chairman |
| 2) | All H.O.D's (Science & Arts Depts.) | Member |
| 3) | Librarian | -do- |
| 4) | Accountant | -do- |
| 5) | IQAC Co-ordinator | Member Secretary |

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6) STUDENTS COUNCIL :

- | | | |
|----|-------------------------|-------------------|
| 1) | Shri. Sandeep Lotlikar | Convenor |
| 2) | Ms. Mita N. Amonkar | Cultural Convenor |
| 3) | Dr. M. N. Kulkarni | Gymkhana Advisor |
| 4) | Ms. Brenda Souza | Member |
| 5) | Ms. Ranjita Sawaikar | -do- |
| 6) | Mr. Deepak Chhatre | -do- |
| 7) | Ms. Mandakini Kundaikar | -do- |
| 8) | Dr. J. G. R. Monteiro | -do- |

7) CULTURAL COMMITTEE :

- | | | |
|----|----------------------|----------|
| 1) | Ms. Mita N. Amonkar | Convenor |
| 2) | Ms. Priya U. Sabnis | Member |
| 3) | Ms. Uma J. Priolkar | -do- |
| 4) | Ms. Sweta S. Govekar | -do- |
| 5) | Ms. Alvita D'Souza | -do- |
| 6) | Ms. Shital Dessai | -do- |

8) LIBRARY COMMITTEE :

- | | | |
|----|-----------------------------|----------|
| 1) | Mr. G. P. P. Khanolkar | Convenor |
| 2) | Ms. Priya Sabnis | Member |
| 3) | Dr. R. G. Shetkar | -do- |
| 4) | Dr. (Ms) Anjali M. Rao | -do- |
| 5) | Ms. Deepa Fernandes | -do- |
| 6) | Ms. A. B. Kanolkar | -do- |
| 7) | Ms. V. V. Garge (Librarian) | -do- |

9) FINANCIAL RESOURCE COMMITTEE :

- | | | |
|----|--------------------------|----------|
| 1) | Dr. (Ms) V. V. Kamat | Convenor |
| 2) | Dr. V.J. Pissurlekar | Member |
| 3) | Ms. Susan Marcos | -do- |
| 4) | Dr. (Ms) Padmaja Kamat | -do- |
| 5) | Dr. (Ms) Harsha Uskaikar | -do- |

10) COLLEGE ATTENDANCE COMMITTEE :

- | | | |
|----|-----------------------|----------|
| 1) | Dr. B. L. Malik | Convenor |
| 2) | Ms. Ranjita Sawaikar | Member |
| 3) | Dr. (Ms) Aditi Rane | -do- |
| 4) | Dr. (Ms) D. K. Prabhu | -do- |
| 5) | Ms. Shweta Govekar | -do- |

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11) STUDY CIRCLE COMMITTEE :

- | | | |
|----|---------------------|----------|
| 1) | Ms. Mita N. Amonkar | Convenor |
| 2) | Ms. Alvita D' Souza | Member |
| 3) | Ms. Shweta Govekar | -do- |

12) LOCAL MANAGING COMMITTEE

- | | | |
|----|------------------------------|----------|
| 1) | Dr. (Ms) K. R. Kunkoilienkar | Convenor |
| 2) | Ms. Susan Marcos | Member |

13) N.S.S. COMMITTEE

- | | | |
|----|---------------------|----------------------|
| 1) | Mr. D. M. Desai | Programme Officer |
| 2) | Dr. P. Bhattacharya | Co-Programme Officer |
| 3) | Ms. M. N. Amonkar | - do - |
| 4) | Mr. Deepak Chhatre | Member |
| 5) | Ms. Alvita D'Souza | - do - |
| 6) | Ms. Uma J. Priolkar | - do - |
| 7) | Mr. V. S. Dangi | - do - |
| 8) | Ms. A. B. Kanolkar | - do - |

14) WALL PAPER COMMITTEE

- | | | |
|----|----------------------------|----------|
| 1) | Dr. (Ms.)V. V. Prabhudesai | Convenor |
| 2) | Ms. Uma J. Priolkar | Member |
| 3) | Ms. Jasmine Kurian | - do - |
- All language teachers

15) COUNSELLING AND GUIDANCE CELL COMMITTEE:

- | | | |
|----|--------------------------|----------|
| 1) | Ms. Priya Sabnis | Convenor |
| 2) | Ms. Mita Amonkar | Member |
| 3) | Ms. Bhagyashri Halarnkar | - do - |
| 4) | Ms. Deepa Fernandes | - do - |
| 5) | Dr. (Ms) A. M. Rao | - do - |

16) TEACHER STUDENT GUIDANCE CELL COMMITTEE

- | | | |
|----|---------------------|----------|
| 1) | Ms. B. L. Halarnkar | Convenor |
| 2) | Ms. Alvita Souza | Member |
| 3) | Ms. Brenda Souza | - do - |
| 4) | Ms. Flory Pereira | - do - |
| 5) | Mr. D. R. Chhatre | - do - |

17) NATURE CLUB :

Botany Department

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18) STUDENT TEACHER EVALUATION COMMITTEE :

- 1) Ms. Teja Gramopadhye Convenor
- 2) Ms. Mandakini Kundaikar Member
- 3) Ms. Anuradha Kanolkar - do -
- 4) Ms. Flory Pereira - do -

19) PLACEMENT COMMITTEE :

- 1) Dr. (Ms) S. V. Kamat Convenor
- 2) Mr. A. V. Bhandiwad Member
- 3) Dr. S. D. Gokakakar - do -
- 4) Ms. Lynette Fernandes - do -
- 5) Dr. (Ms.) Anita Tilve - do -
- 6) Ms. Mita N. Amonkar - do -
- 7) Dr. (Ms.) A. M. Rao - do -

20) MAINTENANCE OF CAMPUS COMMITTEE :

- 1) Mr. D. M. Desai Convenor
- 2) Dr. S. H. Bhosale Member
- 3) Dr. (Ms.) P. V. Kamat - do -
- 4) Dr. (Ms.) C. F. E. Fernandes - do -
- 5) Mr. V. S. Dangi - do -
- 6) Dr. P. Bhattacharya - do -

21) EXTENSION ACTIVITIES COMMITTEE :

- 1) Dr. (Ms.) Anita Tilve Convenor
- 2) Ms. Lynette Fernandes Member
- 3) Ms. Teja Gramopadhye - do -
- 4) Mr. D. R. Chattrre - do -
- 5) Dr. S. D. Gokakakar - do -

22) MAGAZINE COMMITTEE

- 1) Ms. Uma J. Priolkar Convenor
- 2) Dr. (Ms.) V. V. Prabhudesai Member
- 3) Mr. D. R. Chattrre - do -
- 4) Ms. Jasmine Kurian - do -
- 5) Ms. Shital Desai - do -
- 6) Dr. (Ms.) C. F. E. Fernandes - do -
- 7) Mr. Sandeep Lotlikar - do -

23) STOCK VERIFICATION COMMITTEE :

- 1) Dr. R. G. Shetkar Convenor
- 2) Dr. P. Bhattacharya Member
- 3) Ms. Teja Gramopadhye - do -
- 4) Mr. V. S. Dangi - do -

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- 5) Ms. Mandakini Kundaikar - do -
- 6) Mr. D. M. Desai - do -
- 7) Ms. V. V. Garge - do -
- 8) Mr. G. P. Shet Narvenkar - do -
- 9) Mr. R.V.S. Kunkolienkar - do -

24) PUBLICITY COMMITTEE :

- 1) Mr. G.P.P. Khanolkar Convenor
- 2) Mr. V. S. Dangi Member
- 3) Dr. S. D. Gokakakar - do -
- 4) Ms. Shital Desai - do -
- 5) Ms. Lynette Fernandes - do -

25) BOOK BANK COMMITTEE

- 1) Mr. G.P.P. Khanolkar Convenor
- 2) Mr. V. S. Dangi Member
- 3) Ms. Ranjita Sawaikar - do -
- 4) Dr. Aditi Rane - do -
- 5) Dr. Girish Kundaikar - do -

26) SPIC-MACAY COMMITTEE :

- 1) Dr. M. N. Kulkarni Convenor
- 2) Mr. A. V. Bhandiwad Member
- 3) Mr. Sandeep Lotlikar - do -
- 4) Dr. (Ms.) Deeparani K. Prabhu - do -
- 5) Dr. A. V. Deshpande - do -
- 6) Ms. Deepa Fernandes - do -
- 7) Dr. (Ms.) Anita Tilve - do -
- 8) Dr. P. Bhattacharya - do -

27) PES MEDICAL CENTER COMMITTEE :

- 1) Dr. Anita Tilve Convenor
- 2) Ms. Mandakini Kundaikar Member
- 3) Ms. Lynette Fernandes - do -
- 4) Dr. (Ms.) Flory Pereira - do -
- 5) Ms. Mita N Amonkar - do -
- 6) Ms. Jasmine Kurian - do -

28) STAFF GUILD COMMITTEE :

- 1) Ms. Bhagyashri Halarnkar Secretary
- 2) Ms. Uma Priolkar Jt. Secretary

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29) SCIENCE FORUM COMMITTEE :

- | | | |
|----|----------------------|----------|
| 1) | Dr. (Ms) S. V. Kamat | Convenor |
| 2) | Ms. Susan Marcos | Member |
| 3) | Dr. G. V. Kundaikar | - do - |
| 4) | Dr. S. D. Gokakakar | - do - |

30) ARTS FORUM COMMITTEE :

- | | | |
|----|---------------------------|----------|
| 1) | Dr. (Ms.) Varsha V. Kamat | Convenor |
| 2) | Dr. (Ms.) A. M. Rao | Member |
| 3) | Mr. D. R. Chattrre | - do - |
| 4) | Dr. Baddrudin | - do - |

31) ALUMNI ASSOCIATION :

- | | | |
|----|-----------------------------|----------|
| 1) | Dr. (Ms.) V. V. Prabhudesai | Convenor |
| 2) | Dr. A. V. Deshpande | Member |
| 3) | Ms. Ranjita Sawaikar | - do - |
| 4) | Dr.(Ms.) Aditi Rane | - do - |
| 5) | Mr. Gajanan Bhat | - do - |

32) PARENT TEACHERS ASSOCIATION

- | | | |
|----|--------------------------|----------|
| 1) | Ms. Teja Gramopadhye | Convenor |
| 2) | Ms. Bhagyashri Halarnkar | Member |
| 3) | Ms. Priya Sabnis | - do - |
| 4) | Mr. Gajanan Naik | - do - |

33) WOMEN'S CELL

- | | | |
|----|----------------------------|----------|
| 1) | Dr. (Ms.) V.V. Prabhudesai | Convenor |
| 2) | Dr. (Ms.) Varsha Kamat | - do - |
| 3) | Dr. (Ms.) Aditi Rane | - do - |
| 4) | Ms. Uma Priolkar | - do - |
| 5) | Ms. Deepa Fernandes | - do - |
| 6) | Ms. Swaroopa Kerkar | - do - |
| 7) | Ms. Prita Usgaonkar | - do - |

34) DISCIPLINE COMMITTEE :

- | | | |
|----|------------------------------|----------|
| 1) | Dr. (Ms.) K. R. Kunkolienkar | Convenor |
| 2) | Mr. D. M. Desai | Member |
| 3) | Ms V. V. Garge | - do - |
| 4) | All H. O. D.'s | - do - |

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35) EXAMINATION COMMITTEE

- | | | |
|----|------------------------------|----------|
| 1) | Dr. S.H.P. Keluskar | Convenor |
| 2) | Dr. (Ms.) Caroline Fernandes | Member |
| 3) | Dr. M. N. Kulkarni | -do- |
| 4) | Ms. Uma J. Priolkar | -do- |
| 5) | Dr. (Ms) Aditi Rane | -do- |

36) COLLEGE UNFAIR MEANS ENQUIRY COMMITTEE :

- | | | |
|----|-----------------------------|-------------------------|
| 1) | Dr. (Ms) K. R. Kunkolienkar | Convenor |
| 2) | Dr. S.H.P. Keluskar | Member (Exam Committee) |
| 3) | Dr.M. N. Kulkarni | -do- |

37) NAAC COMMITTEE :

- | | | |
|-----|------------------------------|----------|
| 1) | Dr. J.G.R. Monteiro | Convenor |
| 2) | Dr. V. J. Pissurlekar | Member |
| 3) | Dr. S.H.P. Keluskar | - do - |
| 4) | Dr. (Ms.) Harsha Uskaikar | - do - |
| 5) | Dr. (Ms.) K. R. Kunkolienkar | - do - |
| 6) | Dr. (Ms.) S. V. Kamat | - do - |
| 7) | Mr. A. V. Bhandiwad | - do - |
| 8) | Dr. (Ms.) S. R. Borkar | - do - |
| 9) | Ms. Jasmine Kurian | - do - |
| 10) | Ms. V. V. Garge | - do - |
| 11) | Mr. R. V. S. Kunkolienkar | - do - |
| 12) | Mr. G. P. Shet Narvenkar | - do - |
| 13. | Mr. Mohanish Naik | - do - |
| 14) | Mr. Devidas Gaude | - do - |
| 15) | Mr. Vishnu Naik | - do - |
| 16) | Mr. Gajanan Naik | - do - |

38) INTERNAL QUALITY ASSURANCE CELL :

- | | | |
|----|------------------------------|---|
| 1) | Principal | Chairman |
| 2) | Principal R. V. Gaonkar | Parvatibai Chowgule College, Margao |
| 3) | Dr. P. R. Pednekar | Former Director Syngenta &
Present Director of CDC |
| 4) | Dr. (Ms.) K. R. Kunkolienkar | Vice Principal, P.E.S's SRSN College |

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- | | | |
|-----|----------------------------|---------------------------------|
| 5) | Dr. S. H. P. Keluskar | Member |
| 6) | Dr. J.G.R. Monteiro | - do - |
| 7) | Dr. (Ms.) C.F.E. Fernandes | - do - |
| 8) | Dr. (Ms.) Harsha Uskaikar | - do - |
| 9) | Ms. Ranjita Sawaikar | Co-ordinator & Member Secretary |
| 10) | Mr. G. P. Shet Narvenkar | Member |

39) RESEARCH PUBLICATION COMMITTEE

- | | | |
|----|------------------------------|----------|
| 1) | Dr. (Ms.)K.R.R. Kunkolienkar | Convenor |
| 2) | Dr. B. L. Malik | Member |
| 3) | Dr. (Ms.) P. V. Kamat | - do - |
| 4) | Dr. (Ms.) V. V. Prabhudesai | - do - |
| 5) | Dr. (Ms.) Harsha Uskaikar | - do - |
| 6) | Dr. S. H. Bhosale | - do - |
| 7) | Dr. (Ms) S. V. Kamat | - do - |

40) UGC SCHEME MONITORING & IMPLEMENTATION COMMITTEE

- | | | |
|----|------------------------------|----------|
| 1) | Dr. (Ms.) Harsha Uskaikar | Convenor |
| 2) | Dr. (Ms) S. V. Kamat | Member |
| 3) | Dr. (Ms.) C. F. E. Fernandes | - do - |
| 4) | Dr. S. D. Gokakakar | - do - |
| 5) | Dr. G. V. Kundaikar | - do - |
| 6) | Dr. J. G. R. Monteiro | - do - |
| 7) | Dr. Badruddin | - do - |

41) STANDING COMMITTEE ON PREVENTION OF SEXUAL HARASSMENT :

- | | | |
|----|--|----------|
| 1) | N.G.O. Member - Ms.Sabina Martins/ Mrs. Neena Naik | |
| 2) | Dr.(Ms) K. R. Kunkolienkar | Convenor |
| 3) | Ms. Priya U. Sabnis | Member |
| 4) | Dr. (Ms.) S. V. Kamat | -do- |
| 5) | Dr.(Ms) Harsha P. Uskaikar | -do- |
| 6) | Ms. Jasmine Kurian | -do- |
| 7) | Ms. Swaroopa Kerkar | -do- |
| 8) | Ms. Asha Golatkar | -do- |
| 9) | Ladies Representative | -do- |

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42) PREVENTION OF RAGGING :

- | | | |
|-----|-----------------------------|-----------------------------|
| 1) | Dr. A.S. Dingo, Principal | Co-ordinator |
| 2) | Mr. R.G. Desai | Treasurer, P. E. Society |
| 3) | Mr. Kishor Naik | E. C. Member, P. E. Society |
| 4) | Mr. P. G. Dandin | P.T.A. Member |
| 5) | Dr. (Ms) K. R. Kunkolienkar | Vice-Principal |
| 6) | Dr. S. D. Gokakakar | Member |
| 7) | Dr. M. N. Kulkarni | - do - |
| 8) | Dr. Baddrudin | - do - |
| 9) | Dr. (Ms) V. V. Kamat | - do - |
| 10) | Shri. R. V. S. Kunkolienkar | - do - |
| 11) | Ms. Anita Narvenkar | - do - |
| 12) | Mr. Vishnu Naik | - do - |
| 13) | Ms. Prita Usgaonkar | - do - |
| 14) | General Secretary | - do - |
| 15) | Ladies Representative | - do - |
| 16) | U. C. R (Arts and Science) | - do - |

43) COLLEGE GRIEVANCE COMMITTEE (General)

- | | | |
|----|-----------------------|----------|
| 1) | Mr. A. V. Bhandiwad | Chairman |
| 2) | Dr. B. L. Malik | Member |
| 3) | Dr. (Ms.) V. V. Kamat | - do - |

EXTRA CURRICULAR ACTIVITIES

1) Annual College Athletic Meet

It is held every year, enabling the students to test their physical capabilities.

2) Kala Sangam – Cultural Programme

The College organises various cultural competitions in the month of December to give the students an opportunity to bring out their artistic talents and capabilities.

The various cultural competitions are as follows –

3) Annual Social Gathering

The College holds annually its Social Gathering wherein a formal function highlighting various activities of the College throughout the academic year and awarding of the academic prizes takes place. The Formal Function is followed by a Cultural programme giving the students an opportunity to display their talents through various cultural events.

4. Subject Associations :

i) Botany Colloquium : This is an active forum, undertaken by the Botany Dept., for helping the students to develop a keen interest in the subject and apply it practically in their life. The colloquium arranges lectures, talks, exhibitions etc. This forum also publishes a wall paper named ``Pravardhan``, managed by students.

ii) Microtech Cell : The Microbiology Department has a Microtech cell as study forum, regularly organizing lectures, workshops, seminars, inter- and intra-collegiate competitions and industrial study tours for the students helping them to develop a keen interest in the subject and apply it practically in their life. The cell also announces Microtech-Cell Award for student scoring highest marks in Microbiology at T.Y.B.Sc. university exam instituted by the staff members of Microbiology.

iii) Arts Forum : Its purpose is to identify the different areas of interest of the students and help them to develop various creative arts like music, painting, debate, public speaking, dramatics etc.

iv) Science Forum : Conducts and organises Guest Lectures, Seminars and Discussions on the current affairs related to scientific matter.

v) The Psychology cell : is a study forum of the Psychology students that conducts and organizes guest lecturers, seminars, orientations and field trips for the Psychology students.

vi) Zoology Study Forum : It was initiated in the year 1990. All the students of Zoology are members of this forum. This is an active forum constantly arranging lectures and talks by eminent personalities.

vii) Economics Association : The Department of Economics has its subject association named ``The Economics Association``. It was started in January 1991. The objectives of the Association are : 1) To create a keen interest in

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the subject of economics among the students. 2) To expose the students to various aspects of major economic issues of Goa and India. Since its inception, the Association has organised guest lectures by eminent personalities from the fields of industry, commerce trade unions etc. On some occasions, the students of economics have also delivered talks on the topics assigned to them.

viii) PES Archives` History Association : This Association was formed in 1991. It organises Guest Lecturers, Quiz Competitions, Study Tours etc. for the benefit of History students. The Inauguration of its activities is invariably held on 1st August of every year, as the day marks the death anniversary of Lokmanya Tilak. The Executive Committee of PES Archives is called ``Asth Pradhan Mandal``.

ix) **'MANTHAN'** : The Association of Philosophy Students :

The Philosophy Department has established an Association of Philosophy Students of the College under the banner `MANTHAN`` The Association organises study tours, workshop etc.

x) **Women`s Cell** : The College has a women`s cell which works for the welfare of girl students, looks into their problems and organises programmes to enhance awareness of their rights. Celebration of International women`s day on 18th March is one of its regular feature.

xi) **Counselling Cell** : Under the department of Psychology the counselling cell was established in the year 2010 – 11, which renders counselling and career guidance to students, as well as parents, of the college.

5) **SPIC MACAY (Art and Culture Club)**

In the year 2002 – 2003 SPIC MACAY (Society) for Promoting Indian Classical Music and Culture among Youth) activities were introduced in our College. Since then renowned artists like Vishwamohan Bhat and K. Gopi has visited our Institution and given their performances.

6) **Vangmaya Mandal :**

Here, students are given an opportunity to display their talent in the form of articles, poems, sketches, paintings etc. The wall paper ``Parikrama`` is released periodically.

7) **Maharashtra Talent Search Examination (MTSE) :**

Our College has been chosen to conduct MTSE for students of Std. VIII Std. IX & Xth in the Goa Region since 2003-0. A Team of our College Teachers work as Divisional Controller, Assistant Division Controller and Senior Supervisor for the smooth conduct of this prestigious examination.

8) **Survival Nature Club** : The objective of this club is to inculcate in the students mind an attitude towards the conservation & protection of nature. The club is managed alternatively by Dept. of Botany & Zoology for a period of 2 years.

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FACILITIES AVAILABLE

The following facilities are available in the College for students and teachers.

- 1) Photo Copier.
- 2) Computer Center.
- 3) Fax Machine
- 4) Generator.
- 5) Musical Instruments
- 6) Internet and E-mail.
- 7) Audio – Visual Aids (L.C.D., slide Projector, Overhead Projector, Television set, DVD Player, Music System).
- 8) Medical Center for girl students
- 9) Sulabh Sauchalaya
- 10) The College has a full fledged Gymkhana building, good playground, separate building for library with spacious, well-ventilated reading room.
- 11) A stationary shop with Xerox, Phone facility is existing in the College Campus.
- 12) Separate Laboratory Blocks for Science Departments.
- 13) The College office has four computers used extensively for all office and examination work.
- 1) All the Science Department of the College are well equipped with facilities required for their respective courses. A full fledged Computer Centre is setup wherein students of F.Y. B.A. / F.Y. B.Sc. will be able to do their practicals.
- 15) P.E.S. Employees Credit Co-operative Society Ltd.

An Employees Credit Co-operative Society was established in the College in the year 1989 with Reg. No. ARCS/CZ/8 (a)/50/Goa/89 dt. 27/09/89/

The teaching and non – teaching staff of PES College and PES HSS are the members of the Society.

- 16) Canteen : There is a well maintained canteen on the College campus, having sufficient space for accommodating both students and staff.

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ACADEMIC CALENDAR – 2014 - 2015

I, III & V SEMESTER

16-06-2014 to 1-11-2014

COMMENCEMENT OF EXAMINATIONS OF I, III & V SEMESTER: 13-10-2014

II, IV & VI SEMESTER

24-11-2014 to 02-05-2015

COMMENCEMENT OF EXAMINATIONS OF II, IV & VI SEMESTER: 01-04-2015

COLLEGE OFFICE TIMINGS

9.30 a.m. to 4.30 p.m.

(on all working days with one hour lunch break)

MONEY TRANSACTION

Week Days : 10.00 a.m. - 12.30 p.m.

Saturday : 10.00 a.m. - 11.30 a.m.

COLLEGE TIMINGS

8.15 a.m. to 5.45 p.m.

VACATION BREAKS

1. Ganesh Chaturthi – 28-08-2014 to 03-09-2014
2. Winter – 03-11-2014 to 23-11-2014
3. Christmas - 24-12-2014 to 01-01-2015
4. Summer Holidays – 04-05-2015 to 14-06-2015

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ABSENCE RECORD

(Specimen only)

(for Students who are absent from class or examination)

To,
The Principal

Sir,
Please grant leave to my Son / daughter Mast./Miss. _____

_____ Class. _____ Div. _____ Roll No : _____

For the number of days specified below.

Specimen signature of Parent / Guardian

Number of Days Absent (with Date/s)	Reason	Parent's Signature	Teacher Guide	Principal's Signature
1	2	3	4	5

PARTICIPATION IN CO-CURRICULAR / EXTRA CURRICULAR ACTIVITES

Sr.No.	Date	Event	Remarks	

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DEPARTMENT OF PHYSICAL EDUCATION SPORTS CALENDAR 2013 - 2014

SR. No.	Game	Tentative Dates
1.	Badminton (M & W)	1st July to 26th July, 2014 (Practice & Selection)
2.	Table – Tennis (M & W)	4th July to 30th July, 2014 (Practice & Selection)
3.	Chess (M & W)	7th July to 8th Aug, 2014 (Practice & Selection)
4.	Weight Lifting, Power Lifting, Best Physique (M)	10th July to 15th Aug., 2014 (Practice & Selection)
5.	Swimming (M & W)	11th July to 24th Aug., 2014 (Practice & Selection)
6.	Football (M)	25th July to 25th Aug., 2014 (Practice & Selection)
7.	Tennikoit (W)	26th Aug., to 23rd Sept., 2014 (Practice & Selection)
8.	Kabaddi (M & W)	21st Sept., to 20th Oct., 2014 (Practice & Selection)
9.	Kho-Kho (M & W)	10th Nov. to 14th Dec., 2014 (Practice & Selection)
10.	Athletics (M & W)	14th Nov., to 10th Dec., 2014 (Practice & Selection)
11.	Volley-ball (M & W)	10th Dec. 2014 to 9th Jan., 2015 (Practice & Selection)
12.	Cricket (M & W)	2nd Jan. to 29th Jan., 2015 (Practice & Selection)
13.	Athletic Meet.	14th Dec., 2014
14.	Hiking & Trekking	26th Jan. 2015

Subject to changes according to University Schedule.

College Calendar 2014-15

JUNE 2014		
Sunday	1	
Monday	2	
Tuesday	3	
Wednesday	4	
Thursday	5	
Friday	6	
Saturday	7	
Sunday	8	
Monday	9	
Tuesday	10	
Wednesday	11	
Thursday	12	
Friday	13	
Saturday	14	
Sunday	15	
Monday	16	College reopens
		Commencement of Sem. I, III and V,
		Department staff meeting, (Political Science)
Tuesday	17	Orientation for TY BA, Economics and Philosophy Students
		Subject Orientation for Sem.V Microbiology students
		Department meeting (Mathematics)
Wednesday	18	Subject Orientation for Sem. III Economics and Philosophy students
Thursday	19	Subject Orientation for Sem. I Economics and Philosophy students
Friday	20	
Saturday	21	World Music Day
Sunday	22	Project Seminar by students (Mathematics)
Monday	23	Subject Orientation for Sem. I and IV Marathi major students
		Orientation for students of Sem. V on Prospects of Political Science
Tuesday	24	
Wednesday	25	
Thursday	26	International Anti-Drugs Day
Friday	27	
Saturday	28	
Sunday	29	
Monday	30	
JULY 2014		
Tuesday	1	World Doctors' Day
Wednesday	2	
Thursday	3	
Friday	4	
Saturday	5	Inauguration of Chemistry subject Association PIANO

		Workshop on Project Work for B.Sc. Sem. V (Microbiology)	
		Prospects of GPSC for Political Science career guidance lecture	
Sunday	6		World Zoonoses Day
Monday	7		
Tuesday	8		
Wednesday	9		
Thursday	10	Vangmay Mandal Inauguration	
		Release of Guru Poornima issue of Parikrama	
Friday	11	Inauguration of activities of Economic Association	World Population Day
Saturday	12	Meeting of Zoology study forum members	
		Orientation for Sem V Chemistry students on project work	
Sunday	13		
Monday	14		
Tuesday	15	Inauguration of Physics association	
Wednesday	16		
Thursday	17		
Friday	18		Nelson Mandela International Day
Saturday	19	First local field trip Sem V (Botany)	
Sunday	20		
Monday	21		
Tuesday	22	Project Seminar of B.Sc. Sem. V Mathematics students.	
		Guest lecture organized by Study Circle.	
Wednesday	23	Election of office bearers of "Manthan ",	
		Association of Philosophy students.	
		Election of office bearers of "Manoshakthi"	
Thursday	24		
Friday	25		
Saturday	26	Interclass Essay Competition by Micro-Tech Cell	Kargil Vijay Divas
		1st Local Field Trip Sem.V (Zoology)	International anti-drugs day
		1st Local Field Trip Sem III (Botony)	
Sunday	27		International Diabetes day
Monday	28		
Tuesday	29		International Tiger Day
Wednesday	30	Guest Lecture organized by Dept. of IT	World Friendship Day
Thursday	31		
		AUGUST 2014	
Friday	1	Inauguration of activities of PES Archives	
Saturday	2		
Sunday	3	Guest Lecture organized by Chemistry Association PIANO	
Monday	4		
Tuesday	5		
Wednesday	6		
Thursday	7		
Friday	8	Botany Colloquium Activity	

Saturday	9	1st Local Field Trip Zoology Sem III	
Sunday	10		
Monday	11		
Tuesday	12	Meeting of Zoology study Forum members. Department of Zoology	
Wednesday	13		
Thursday	14	Talk on "Future of New Governance in India"- a Guest Lecture by the Department of Political Science Patriotic Singing Competition Independence Day issue of Parikrama Survival Nature club activity	
Friday	15	Release of First wall paper "Mayur" Department of Zoology First Local Trip (Semester-I), Department of Botany Nature Club Activity Botany Colloquium activity Initiation of Zoology Study forum Activities Talk and slide show on Birds	Independence day
Saturday	16		
Sunday	17		
Monday	18	Guest Lecture by Department of Psychology Second local field trip Sem V(Botany)	
Tuesday	19		
Wednesday	20		
Thursday	21	Inauguration of Activities of 'MANTHAN' Association of Philosophy Students followed by Guest Lecture	
Friday	22		
Saturday	23	Guest Lecture by Chemistry Association-PIANO Seminar by Students (B.Sc.Vth Semester),Department of Mathematics Guest Lecture organized by Study Circle	
Sunday	24		
Monday	25	Guest Lecture, Department of Economics Guest Lecture by Department of Konkani	
Tuesday	26	Mehandi Competition Guest Lecture on 'An Animation' Department of IT	
Wednesday	27		
Thursday	28	Ganesh Chaturthi break starts	
Friday	29	2nd Local Field Trip Sem.V (Zoology)	
Saturday	30	Inter-Class Poster/Spelling Bee Competition by Micro Tech Cell. Guest Lecture by dept of IT	
Sunday	31		
SEPTEMBER 2014			
Monday	1		
Tuesday	2		
Wednesday	3	Ganesh Chaturthi break ends	

Thursday	4		
Friday	5		Teachers day
Saturday	6	Survival nature club Activity	
Sunday	7		
Monday	8		International literacy day
Tuesday	9		
Wednesday	10		
Thursday	11		
Friday	12		
Saturday	13		
Sunday	14		
Monday	15		
Tuesday	16		Hindi Divas
Wednesday	17	Third Local Field Trip (Semester V), Zoology	
		State Level Seminar (Department of Psychology)	
Thursday	18	State Level Seminar (Department of Psychology)	
Friday	19		
Saturday	20	Guest Lecture by Chemistry Association-PIANO	
Sunday	21		International peace day
Monday	22		
Tuesday	23		
Wednesday	24		
Thursday	25		
Friday	26		
Saturday	27		
Sunday	28		
Monday	29		
Tuesday	30		
		OCTOBER 2014	
Wednesday	1	Local field trip Sem III Botany students	
Thursday	2	Issue of Parikrama by Marathi Dept.	Gandhi Jayanti
			Saraswati Poojan
Friday	3		
Saturday	4		
Sunday	5		
Monday	6		Bakri - Eid
Tuesday	7		
Wednesday	8		
Thursday	9		
Friday	10		
Saturday	11		
Sunday	12		
Monday	13	I,III & V Sem. Exam Commencement	

Tuesday	14		
Wednesday	15		World Blind Day
Thursday	16		
Friday	17		
Saturday	18	Guest lecture by department of Psychology	
Sunday	19		
Monday	20	Field trip B.A Sem I History students	
Tuesday	21		
Wednesday	22		
Thursday	23		
Friday	24		
Saturday	25		
Sunday	26		
Monday	27		
Tuesday	28		
Wednesday	29	Long field trip Sem III B.Sc. Zoology starts	
Thursday	30		
Friday	31		
		NOVEMBER 2014	
Saturday	1	Long field trip of Sem III starts	
Sunday	2		Industrial safety day
Monday	3	20 Industrial Visit/ Training to various industries for Sem. I , III & V B. Sc. Industrial Chemistry Students	
		Long field trip for Sem VI Botany	
		Winter break starts	
Tuesday	4		
Wednesday	5		
Thursday	6		
Friday	7		
Saturday	8		
Sunday	9		
Monday	10		
Tuesday	11		
Wednesday	12		
Thursday	13		
Friday	14		
Saturday	15		
Sunday	16		
Monday	17		
Tuesday	18		
Wednesday	19		
Thursday	20		
Friday	21		
Saturday	22		

Sunday	23	Winter break ends	
Monday	24	Guest Lecture by Mathematics Dept.	
Tuesday	25	Rangoli Competition, Vegetable and fruit carving competition	
Wednesday	26	Literary Competition by Marathi Dept.	
Thursday	27	Guest lecture by Study Circle	
Friday	28	Local Study tour by Economics Dept.	
		Long field trip for Sem III Botany students starts	
Saturday	29		
Sunday	30	Long field trip for Sem III Botany students ends	
DECEMBER 2014			
Monday	1	2nd Local Field Trip Sem. II (Zoology)	World Aids Day
Tuesday	2		
Wednesday	3		International disable day
Thursday	4		
Friday	5	One - day local study trip for Philosophy Students	
		Guest lecture by Dept. of Psychology	
		Second field trip Sem IV Botany	
Saturday	6	One-day State level Seminar by Micro - Tech Cell	
		Survival nature club activity	
Sunday	7		Armed Force flag day
Monday	8		
Tuesday	9		International anti-corruption day
Wednesday	10	Lecture " Relevance of Human Rights in India" by Political Science Dept. on occasion of Human Rights Day	
Thursday	11		
Friday	12		
Saturday	13	Visit to Industry for B.Sc. Sem VI Microbiology students	
Sunday	14	Long Field Trip Sem. VI (Zoology) begins	World energy day
		Athletic Meet	
Monday	15	KALA SANGAM	
Tuesday	16	KALA SANGAM	
		One - day State Level Seminar by Micro-Tech Cell	
Wednesday	17	KALA SANGAM	
Thursday	18	Issue of Parikrama	
		Guest Talk on Eve of Liberation Day Celebration	
Friday	19		Goa Liberation Day
Saturday	20	Long Field Trip Sem. VI (Zoology) ends	
Sunday	21		
Monday	22		
Tuesday	23		
Wednesday	24	Christmas break starts	
Thursday	25		
Friday	26		
Saturday	27		

Sunday	28		
Monday	29		International biodiversity day
Tuesday	30		
Wednesday	31		
JANUARY 2015			
Thursday	1	Christmas break ends	
Friday	2	Seminar/Competition on project work for Sem VI students of Physics Department	
Saturday	3	Issue of Parikrama	
		Nature Club Activity	Savitribai Phule Jayanti
Sunday	4		
Monday	5		
Tuesday	6	Second field trip Sem II Botany	
Wednesday	7		
Thursday	8		
Friday	9		
Saturday	10	Project Presentation TY B.Sc. Maths Dept.	
		Guest lecture for Microbiology students	
		Guest lecture by Chemistry Association (PIANO)	
		Botany Colloquium activity	
Sunday	11		
Monday	12		National youth day
Tuesday	13	PSYCHO ROCKS 2015	
Wednesday	14		
Thursday	15	One- day Inter- Collegiate Seminar in Philosophy	
Friday	16	Guest lecture on Opinion Poll by Konkani Dept.	
		Hindi Seminar	
Saturday	17	Hindi Seminar	
Sunday	18		
Monday	19		
Tuesday	20		
Wednesday	21		
Thursday	22		
Friday	23	Guest lecture on " Cyber Crime" by IT Dept.	
Saturday	24	Student Seminar on the Project carried out by them	
Sunday	25		
Monday	26	Release of 2nd Wallpaper " Mayur " by Zoology Study Forum	Republic day
		Hiking & Trekking	
Tuesday	27	Kusumagraj Jayanti Celebration Issue of Parikrama	
Wednesday	28		
Thursday	29		
Friday	30		Martyrs day
Saturday	31	Nature Club Activity	
		Seminar on Project Work for B. Sc. Sem VI Microbiology students	
		Guest talk to commemorate Martyrdom of Gandhiji	

FEBRUARY 2015			
Sunday	1		
Monday	2	Guest lecture for all three levels of Undergraduate Philosophy students	
		Local field trip Sem VI Botany	
Tuesday	3		
Wednesday	4		
Thursday	5		
Friday	6		
Saturday	7	Guest lecture by Dept. of Economics	
		Guest lecture by Chemistry Association "PIANO" organized by Chemistry Dept.	
		"AURA 2015" by History Dept.	
Sunday	8		
Monday	9		
Tuesday	10		
Wednesday	11		
Thursday	12	Guest lecture organized by Study Circle	
Friday	13		
Saturday	14	Inter-class Quiz organized by History Dept.	
Sunday	15		
Monday	16		
Tuesday	17		
Wednesday	18		
Thursday	19		
Friday	20		
Saturday	21		
Sunday	22		
Monday	23		
Tuesday	24		
Wednesday	25		
Thursday	26	Field Trip to IPHB	
Friday	27		
Saturday	28	Guest Lecture organized by Physics Department	
MARCH 2015			
Sunday	1		
Monday	2		
Tuesday	3		
Wednesday	4		
Thursday	5		
Friday	6		
Saturday	7		
Sunday	8	Parikrama Issue	International Women's Day
Monday	9		
Tuesday	10		
Wednesday	11		

HAND BOOK 2014-15

UNDERTAKING BY THE STUDENT

To,
The Principal,
P.E.S. Shri. Ravi S. Naik College of Arts & Science,
Famagudi, Ponda – Goa.

Sub : Undertaking by the student

Respected Sir,

I, The undersigned Undertake the following matter :

1. I would maintain a minimum of 75% attendance in each subject failing which I may be prohibited from appearing for the Examination.
2. I will not use Mobile Phone within the College Campus.
3. I Understand that Ragging is banned in the College, hence I state that appropriate action be taken by the College authorities against me, if I am found involved in Ragging.
4. I will attend a minimum of 2 ISA* per paper as stipulated by Goa University, failing which I will not be permitted to attend SEE**.

Signature of the Parent / Guardian

Signature of the Student

Note : * ISA-Intra Semester Assessment

** SEE - Semester End Examination

**PARENT TEACHER ASSOCIATION
OF
P.E.S.`S S.R.S.N. COLLEGE OF ARTS & SCIENCE**

MEMBERSHIP FORM

Name of the Parent : _____

Parent of : (Student's Name) _____

Class : _____ Roll No. : _____

Residential Address : _____

Tel. (Office) _____ (Res) _____

Mobile : _____

E-mail – I.D. _____

Signature _____

Name of the Parent : _____

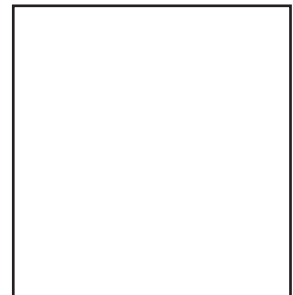
Date : _____

**P.E.S.`S S.R.S.N. COLLEGE OF ARTS & SCIENCE
STUDENT IDENTITY CARD FORM**

Please use only Capital letters to fill this form

Note : This information will be used for I – Card.

College will not be responsible for any spelling or other mistakes.



Name : _____

Middle Name : _____

Surname : _____

Class : _____ Date of Birth : _____

Residential Address _____

Blood Group _____

Emergency Contact No. _____

Residence Tel. No. _____

Signature of Student

Please Sign inside the box only. Signature outside the box will not be accepted.

Declaration : I hereby declare that the information Given above is true to the best of my knowledge

Date : _____

Immediately previous to this I attended _____ class in the _____ College in the Academic year _____ to _____ and my roll no was _____ I have not registered myself at any other College or Institution. If registered give details _____

(To be filled in only by the Students joining as Repeaters)

Name of the last College attended _____ Class _____ Roll No. _____ Academic year _____ Whether sent up for the Examination by the College _____ If yes, the name of the examination _____ Seat No. _____ Month and Year _____ Result _____

PART 'D' Co-Curricular/Extra-Curricular Activities / Hobbies

(information regarding individual achievements if any). Attach separate sheet including attested true copies of certificates if any.

PART 'E' Particulars of Parent / Guardian

Name : _____
 Relationship : _____ Occupation : _____ Employer : _____ Annual Income from all sources (Rs.) _____ Off. Address : _____
 Res. Address : _____ Tel. No. : _____

PART 'F' Undertaking By the Applicant

I have read the handbook completely and hereby agree to abide by all the rules and regulations of the institution laid down in them. I further agree to abide by all such other rules as may be made by the institution from time to time and will accept the decision of the Principal in such matters as final. I assure to inform the Principal in writing as required under the rules incase I discontinue my studies or change the institution in the middle of the year. I also assure that all the information given in this form is true to the best of my knowledge

Date of application : _____

 Signature of the Student

I endorse the application and the declaration made therein by my son/daughter/ward.

 Signature of the Parent /Guardian

For the Admission Committee Only.	
Remarks.	
Date :	Signature

Remarks from the Principal

Provisionally Admit / Do Not Admit

Principal's Signature
P.E.S.' SHRI. RAVI S. NAIK
College of Arts & Science
 Ponda - Goa

Date: _____

Fee Rt. No. _____ Rs. _____
 Date _____
 Identity Card No. _____

Sr. No. :

Division _____ Roll No. _____



PES'
Shri. Ravi S. Naik
College of Arts and Science
FARMAGUDI, PONDA - GOA

AFFIX YOUR
 RECENT
 PHOTOGRAPH
 HERE

ADMISSION FORM

Class : _____

PART 'A' Name in full (in Capital) beginning with Surname as per HSSC Certificate.

Shri. Kum. Smt.	Surname	Name	Second/Husband's/Father's Name	
Date of Birth	Age in completed yrs	Place of Birth	Male / Female	Married / Unmarried
Nationality	Religion	Country of domicile	State whether belongs to : S.C / S.T. /O.B.C./ MINORITY/GENERAL/ OTHERS Attach copy of the certificate issued by Competent Authority)	

Father's Name in Full _____(Alive/deceased)_____

Mother's Name in Full _____(Alive/deceased)_____

Local Address _____

Permanent Home Address _____

_____Tel. No. _____

E-mail: _____

Aadhar Card No. _____(Attach a copy)

or Aadhar Card Enrolment acknowledgment slip (Enrolment Identification Number) _____

Name & Address, Tel. No. of the Office if employed _____

PART 'B' Academic Record

Examination (or its equivalent)	Name & Place of the Institution attended	University or Board	Month & Year of Passing	Exam Seat No.	No. of at- tempts	Marks		%	Remarks Pass/Fail
						Ob- tained	Out of		
S.S.C.									
H.S.S.C.									
Sem.I B.A./B.Sc.									
Sem.II B.A./B.Sc.									
Sem.III B.A./B.Sc.									
Sem.IV B.A./B.Sc.									

(Attested true copies of the originals of all the marksheets to be separately attached for each Examination.)

PART 'C'

Subjects to be Offered (Refer Handbook)

(No change will be allowed once the admission is granted for a particular group)

CLASS : _____

Compulsory / Optional subjects

Elective Subjects

1. _____
2. _____
3. _____
4. _____
5. _____

1. _____
2. _____
3. _____