



ST.PIOUS X DEGREE & PG COLLEGE FOR WOMEN

ANNUAL REPORT -2012-2013

The vision and mission of the college act as a rudder in guiding the entire gamut of activities of the institution extending to promote holistic education.

VISION : “To empower women through holistic education and function effectively as competent, socially committed and compassionate individuals”.

St. Pious X Degree & PG College focuses on seeking God in all things and working to expand knowledge in the service of humanity through learning, faith and justice.

MISSION : “The mission of the college is to achieve high academic and ethical standards with scientific aptitude and social consciousness through value based quality education”.


The entire hub of activities in this institution are woven with 4 threads of core values – **Service to Humanity, Integrity, Innovation and Quality Consciousness.**

St. Pious is a women’s college with an enrollment of 1450 from undergraduate to post graduate level among these 156 are residents, most of them come from rural AP.

History of St. Pious X Degree and P.G. College : College is established by the society of Catechist Sisters of St. Ann, well known for its services in Education, Health, Social development and care of orphans, old people apart from its Religious activities , since 1914. In its journey for almost 100 years it established 65 institutions including St. Pious X Degree & PG College and St. Pious X PG (MBA)College.

The college was shifted on 30th July,1994 to a new building blessed by Most Rev.Dr.S.Arulappa the then Arch Bishop of Hyderabad and inaugurated by Rev.Mother Eliza Gopu, the then Superior General of CSA.

This year we have over 1450 students perusing 12 UG and 5 PG courses. It is an emotional trip down memory lane for me , as I take you back into the past ! **It has been memorable and eventful journey that began with 90 students in 1993, persuing UG Courses, one in BA, 2 in B.Sc. (B.Zc, MPC) and B.Com (General).** The academic reputation and infrastructure growth, introduction of new courses



indicate a continuous journey beyond the threshold of mediocrity, soaring into an ever continuing explorative experience in quality education.

The college was upgraded as Post graduate college in 1998 by the introduction of M.SC. Computer Science . Thereafter new PG courses were added and at present 5 PG programmes are offered.

Courses offered for the Academic year (2012-2013) :

Under Graduate :

BA	:	EPP & PPML
B.Com	:	Regular & Computer Science
B.Sc.	:	MPC, MPCS, MSCS MBC, MZC, MGC, BCMC, BTBC

Post Graduate :

M.Sc.	:	Microbiology Biochemistry Chemistry Physics
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AICTE Approved Courses : MBA

Proposed New Courses : 2013-2014

- BBA – Bachelor of Business Administration
- BA – Psychology, Eng. Litt & Mass Media

Admissions

- The admissions process is transparent and merit is the criteria for admitting the students. This year 385 students were admitted in 1st year under graduate courses and 117 in PG courses. M. Sc physics course is again resumed this year after a gap of 4 year. For the first time in 2012 June, the college has admitted the students for PG courses through Osmania PGCET counseling.

Academic Performance of the Students

The students of St. Pious X College, who are known for all round development, consistently bring honour to the institution and make it proud of their achievements in academic, co-curricular and extracurricular activities. The students appreciate the meticulous preparation of staff in teaching. The students are continuously evaluated and their performance is communicated to their parents. The meritorious students who are above 90% are given cash prizes.


The overall results of the college – 2012-2013


Program code	Program name	No. of students appeared final year examination	No. of students passed in final year examination	Pass %
401	B.COM - GEN	55	46	84
402	B.COM - COMPUTERS	81	76	94
268	B.A. PPML	25	25	100
458	MBC	12	6	50
471	BCMC	9	8	88
572	BTBC	12	12	100
441	MPC	20	18	90
468	MPCS	34	23	68
467	MSCS	62	58	94
672	MBA	101	101	100
518	MSC- MICRO BIOLOGY	12	11	92
503	MSC – CHEMISTRY	12	9	75
514	MSC - BIOCHEMISTRY	12	12	100
	TOTAL	447	405	91

Infrastructural Development

The college is grateful the management for allotting a special budget to renovate the buildings and procure the equipment. This year a huge amount was spent on infrastructural development and the college got a face lift by undertaking the following developments.

- A spacious Gym room was inaugurated in July 2012.

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- A/c Board Room was established in June, 2012.
 - 10 A/c units were installed in laboratories and administrative offices.
 - Parking shed for the staff was constructed.
 - Compound wall was renovated and painted
 - All the 3 computer labs were renovated and modified with new cabling.
 - A new server station is established with and those configured servers were in installed in server station.
 - Students waiting lounge was provided with new furniture.
 - Health check up room with wheel chairs facility was given
 - A separate placement room has been established with internet and computer facilities.
 - 40 wash rooms have been renovated in 3 blocks
 - A drinking water shed has been constructed to install 2nd mineral water plant.
 - 4th Chemistry lab has been constructed with modern facilities.
 - B.Sc. Biochemistry lab has been renovated
 - B.Sc. Zoology and Commerce labs have been totally furnished with new book Racks with extra working tables.
 - Botany lab has been renovated and extra wooden shelves with state of art of electrical connections. Additions equipment has been provided.
 - A museum has been created in the zoology lab.
 - All the staff rooms have been connected under LAN with internal connections. They are total renovated with curtains, table tops and water filters.
 - Group insurance scheme for staff and students has been provided for first time in the college.
 - For the first time Biometric facility has been provided for the students at 2 places in the college.
 - LED 48” TV has been installed near Vice-principal office for the display of the daily college activities.


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- Hostel has been completely renovated with 100 students tables and also 24 wash rooms have been newly constructed.
 - Security cameras LED TV for the display of CC cameras has been provided in the principal's office. 4 additional CC cameras have been installed in Hostel and College.
 - New Colour Printer and 3rd Xerox Machine has been installed in the office.
 - Record room and security room were renovated.
 - The college is provided with Aluminum New name Board
 - The Horticultural attire of the campus has been changed with the erection of steel frames and lawns.
 - The sign boards are fixed every where in the campus.
 - All the 3 buildings in the campus were painted both inside and outside

Faculty:

- The College is fortunate to have a band of well qualified and committed faculty. They have a lion share in success story of the college. There are 76 full time rendering their services. Altogether 29 faculty members hold M. Phil and Ph. D Degree and 9 members are qualified NET/SLET. This year 6 members are perusing Ph.D and 4 are recognized as Ph. D guides by Osmania University.

The Education process at St. Pious :

At St. Pious we prepare young students to be leaders for life with talents, responsibility and above all to be nation builders who cherish humane values. We asses students' strength and weakness in academics and aptitude and address their needs through various Bridge courses, Certificate courses, modules on Personality development , courses on life skills and counseling courses. We use information and communication Technology (ICT) and other visual aids in teaching methods. The college management has fixed 16 LCD projectors in the class rooms, we monitor students' performance through continuous evaluation by conducting Unit Tests, Terminal Exams , Assignments, Group discussions, seminars, quizzes, Projects, Case studies and computer programming.



The students are given extra information about the subject through online posting of notes and online seminars.

Bridge Courses :

- ❖ The department of English conducted 60 hrs. bridge course in English for Telugu Medium students.
- ❖ The dept. of Computer Science conducted Basics for Non- Computer students .
- ❖ A short course in Accountancy was conducted for I MBA students.

Add on Skill based Courses :

Every department offers 15 to 30 hour certificate courses as value addition to the students profile. Some of these programs make the students eligible for professional courses and enhance their knowledge base.

The College offers 11 add on courses in Multimedia, Web Designing, Communication Skills, Personality Development, Employability Skills, Beauty culture, Fabric painting, Basic course in stock Market, legal literacy and spoken English.

The department of commerce is conducting ICET coaching in association with TIME, Bank recruitment training and MBA is offering practical learning through Industrial survey Entrepreneurial development Program.

Induction Programme for Degree :

At the beginning of the academic year the 1st year students were taken through Induction programmes for 2 – 3 days for both UG and PG.

- On “Your tomorrow” an orientation program for life science students was organized on 9th August 2012 by Prof.K.Ratnakar Global Medical Education and Research foundation was the Resource Person .
- Department of Statistics conducted Intra Collegiate statistics completion on 29th June 2012

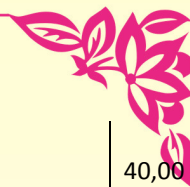
Induction Programme for MBA :

Formal orientation programmes for the benefits of 1st Year MBA & MSc students was conducted in November 2012.

- An orientation program by Dr.Ratnakar, Global Hospital was organized for MBA students on 7th Nov., 2012.
- An orientation program by Mr.Subramanyam Sharma, Director, Sasu Academy was organized on 8th Nov., 2012.
- An orientation program by Prof. Nageshwar Rao, Dept. of Business Management, Osmania University was organized for MBA students.

Seminars / Workshops organized by the College :

S. N	Name of the Department	Event Organized	Level (Col/Uni/St/Na/INa)	DATE	Target Audience	Total no. Attended	Sponsorers	Funds
1	Computer Science/ Chemistry	One day workshop on Virtual labs	National	18/8/2012	Faculty and students	150	St. Pious X Degree College	
2	Computer Science	Workshop on "Assembling of PC"	College	3/11/2012	1 - 3 year B.Sc students and faculty	200	St. Pious X Degree College	
3	Commerce / Computer Science	FDP on "Tally Package", "MS Office" and "Web"	State	16- 17 Mar 2013, 15-16 April 2013	Training of administrative staff of 18 schools	80	St. Pious X Degree College	
4	Commerce Computer Science	A Workshop on Consumer Awareness	College	07th - July - 2012	Faculty and B.Com Students	350	St. Pious X Degree College	
5	commerce	Workshop on Entrepreneurship	College	07 Sep - 12	II & III B.Com Students	200	St. Pious X Degree College	
6	Microbiology	workshop on "Identification of Bacteria by molecular techniques	College	20 July 2012.	Faculty and Students	RAS Life Sciences Pvt.Ltd	
7	English	Workshop on Compilation of literary Albums	College	17-20 Aug 2012	All BA	St. Pious X Degree College	
8	English	Workshop on computer based test	College	29 -1 Oct 2012	All I & II years	St. Pious X Degree College	
9	Political Sciences	Two day staff orientation programme "Reorienting of academic Excellenc"	College	June reopen	For staff	St. Pious X Degree College	
10	MBA	Workshop on Entrepreneurship	College	5/10/2012	Staff and Students	110	NSIC	



11	Physics	Two day workshop on experimental physics	University level	24th & 25th , August, 2012	Faculty and students	40	IASc	40,000
12	Zoology	One Day workshop on Herpatology	College	18th July 2012	I & II MZC, III MBC & BtBC Students & Faculty		A P Forest Dept.	

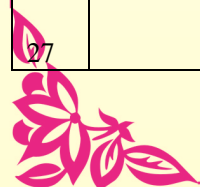
Workshops / Seminars Attended by the Faculty :

S. No	Name of the Faculty	Dept.	Level N/IN/S	Event attended	Institution Organized	Date
1	Mrs. Suganthamala	Biotechnology	National	Seminar	Koti Womens College	22-09-2012
2	Ms.C Vanisree	Biochemistry	Local	Workshop on " Identification of bacteria by Molecular biology techniques	Dept of Microbiology in collaboration with RAS lifesciences	20-07-2012
3	Ms. Meghana, Ms. K.Srilaxmi	Biochemistry	State	Workshop on Stress Biology	Department of Biochemistry, OU	31-08-2012
4	Ms.C Vanisree	Biochemistry	National	National conference on Declining Interests in Science Education among students -asons and Remedies	Andhra pradesh Academy of Sciences in Association with IICT,CCMB,NGRI	29-30 March, 2012
5	Mrs. K.V.M. Udaya Lakshmi	Computer Science	National	Workshop on Cloud Security	Osmania University	30-31 March 2013
6	Dr. Rajyalakshmi	Hindi	National	Two day national seminar: Hindi aur Bharateey Bhashaovam ke sahitya mein asmitha	EFLU, Hyd	21, 22, Jan 2013
7	Mrs.S.Lalitha Devi	Sanskrit	National	Sanskrit Conference	OU	2/2/2013
8	Dr. Mrs. K.Vindhya Vasini Roy	Microbiology	International	"Indo- American Education Summit & Expo 2013"		2-3 Feb 2013
9	Mrs. Pritha Ghosh	Microbiology		Workshop on "Recombinant DNA Technology-Cutting edge on Life Sciences	St. Ann's College for Women, Mehdipatnam	23 rd , 24 th January 2013.
10	Mrs. Pritha Ghosh	Microbiology	National	"Biodiversity and Conservation of Natural Resources"	Department of Botany , Osmania College of Women, Koti	22 nd September 2012
11	Mrs K. Kusuma Dorcas,	Microbiology		workshop on Research Methodology	(GMERF) at Global Hospitals, Lakdikapu	17 th August 2012.





12	Dr.K.Vindhya Vasini Roy	Microbiology	National	Conference on “Declining interest in science education and research among students”	Osmania university college for Women and Andhra Pradesh Akademi of Sciences in association with IICT, CCMB and NGRI.	March 29-30 ,2013
13	Mrs. Pritha Ghosh	Microbiology	National	Conference on “Declining interest in science education and research among students”	Osmania university college for Women and Andhra Pradesh Akademi of Sciences in association with IICT, CCMB and NGRI.	March 29-30 ,2013
14	Dr. S.Sreedevi	Microbiology	National	Conference on “Declining interest in science education and research among students”	Osmania university college for Women and Andhra Pradesh Akademi of Sciences in association with IICT, CCMB and NGRI.	March 29-30 ,2013
15	Mrs. Monoshri Mitra	English	National	Conference cum Workshop on Teaching and researching American Literary & culture Studies	Central University of Hyd	18-20 Mar 2013
16	Dr. Mala Das Sharma, Sr. Nirmala (Special Invite)	Chemistry	International Summit	Indo American Education Summit & Expo 2013	Indus Foundation	
17	Mrs.Vijaya Laxmi, Mrs.Archana, Mrs.Shashi Balaji	Chemistry	State	Spectro Analytical Techniques	RBVR Reddy, Women	28/2/2013, 1/3/2013
18	Mrs. Pauline	Statistics	State	one day seminar	Indian Statistical Institute	14/9/2012
19	Mrs. Rajasree	Political Sci	National	National workshop on minor research projects	OU	12- 14 July 2012
20	Miss. Anitha	Public Admin	State	Role of Youth eradiacting social evil	NSS, OU	24 Sept 2012
21	Miss. Anitha	Public Admin	International	8th international conference on public administration	OU	25,27 Aug 2012
22	Miss. Anitha	Public Admin	State	Seminar on Human Rights	Railway degree college	Dec-12
27	Prof.V/.Brahmandam	MBA	National	Andhra Pradesh Economic Assosiation.XXXI Annual Conference	OU	



28	Mrs.M.Sangeetha	Physics	National	Two national SeminarAdvanced materials & their Applications	OU,Hyd	
29	Mrs. Sreedevi	Microbiology	International	International	Bioaxis DNA Research centre at HCU Hyd	15-16 December, 2012.
30	Mrs. Sreedevi	Microbiology	International	I" American Canadian conference for Academic Disciplines	Toronto, Canada	20-23 May, 2013
2	Mrs.K.Kusuma Dorcas	Microbiology	international	International	"Identification and identification of Protease producing bacteria from soil"	Osmania University, Hyd.
32	Mrs.Divya Chandra	Zoology	International	COP 11	CEE ,COP 11 & UNESCO	15th October 2012
33	Mrs Grace Beena Paul	Zoology	International	COP 11	CEE ,COP 11 & UNESCO	15th October 2012
34	Dr.Padmala	Botany	International	COP 11	CEE ,COP 11 & UNESCO	15th October 2012
35	Ms.Mubeen Begum	Genetics	International	COP 11	CEE ,COP 11 & UNESCO	15th October 2012
36	Mrs.Divya Chandra	Zoology	International	Workshop on Sustainable Development Goals"SDG",Whole system whole school approach,Ahemdabad	CEE,SDG	18th - 22nd March 2012
37	Ms.Mubeen Begum	Genetics	International	Workshop on Sustainable Development Goals"SDG",Whole system whole school approach,Ahemdabad	CEE,SDG	18th - 22nd March 2012
38	Mrs.Divya Chandra	Zoology	National	Higher Education Conference	Kristu Jayanthi Bangalore	29th - 30th November 2012
39	Mrs Grace Beena Paul	Zoology	National	Higher Education Conference	Kristu Jayanthi Bangalore	29th-30th Nov.2012
40	Mrs.Divya Chandra	Zoology	International	Global Meet Of Biologists, IICT, Hyderabad	Dept of Zoology, OU	26th - 28th December 2012

41	Mrs Grace Beena Paul	Zoology	National	Sustenance & Enhancement in Higher Education, St. Joseph 's College ,koti		25/09/2012
42	Mrs Grace Beena Paul	Zoology	State	Research Methodology Workshop	GMERF Hyderabad	17th August 2012.
43	Mrs Grace Beena Paul	Zoology	State	Departmental Conference ,OU	Zoology Dept,OU	22nd Aug 2012
44	Mrs Grace Beena Paul	Zoology	National	Inspiring Instutions of Higher Educations for Nation Building- Opportunities & Challenges	AIACHE	1st - 3rd May 2013

Refresher course attended :

- Mrs.S.Suneetha, Librarian attended “Refresher Course” in Library & Information Science organized by Academic Staff College at Osmania University, Hyd.

Career Guidance :

- Career prospects & constraints in life sciences was organized on 27th Sep., 2012. Mr.Sushanth Gade, CEO, Ashrita Biofoundation was the resource person.
- Dept. of Social Sciences organized a career awareness programme for the final year students on 18th Aug., 2012 and the resource person was Mr.K.Ashwin Kumar, Chief Mentor, Synergy School of Business Management.
- A guest lecture on ‘Session on Resume Writing’ was organized by MBA dept. by Mrs.Sudha Rani, Malla Reddy Educational Institution on 13th Oct.,2012.


Guest Lectures :

- Dept. of Political Science organized guest lecture on ‘ Health and Hygiene for young women’ on 19-07-2012 and the resource person was Dr.Jyotsna, Gynecologist, Yashoda Hospital.



- Dept. of Economics organized a guest lecture on ‘ Alternative Dispute Mechanism’ on 16th Aug.,2012 by Mrs.Usha Sree, Lecturer Osmania University Law College.
- Dept. of Political science on “ Impact of WTO on Indian Economy” by Prof.Dr.Brahmanandam on 3rd Nov.,2012.
- Dept. of Public Admn. Organized a guest lecture on ‘ Disater Management’ and the resource person was Dr.A.Subba Rao.
- Dept. of English organized a guest lecture on 25th June,2012 on ‘ Get Inspired to Write Right’ by Dr.Sruti Sircai, Dept. of Linguistic, EFLU, Hyd.
- Dept. of Computer Science organized a guest lecture on ‘ OS X Apple Manufacturer for B.Sc. II Year Computer Science students by Mr.M.V.Ramana on 10th Nov.,2012.
- Dept. of Computer Science organized a guest lecture on “ Windows Operating Systems” by Mrs.Savitha from NIIT on 1st Dec.,2012.
- A guest lecture on “ Viral Vaccines” by Dr.Amaranda Reddy, Deputy Director, IPM, Hyd. Was organized on 23rd Jan.,2013 for PG Students.
- Gust lecture on ‘**Model Systems in Genetics Neurospra**’ was organized by department of Biochemistry on 29th Aug.,2012 the resource person was Dr.Durgadas Prabhakar, Keldone Chaiperson, CDFD.
- Guest lecture on “**Techniques involved in Current Research in Life Sciences**” on 16th Oct.,2012 by Dr.Kalyan, MD, VAC Biotech Company.
- Guest lecture on “ **Life Sciences- Trends & Future Opportunities**” on 8th Dec.,2012 by Dr.K.Rajender Rao, Staff Scientist, NIN.
- Guest lecture on ‘ **Nuclear Membrane Org. & Transport**’ on 31st Jan.,2012 by Dr.Krishnaveni Misra, Reader, School of Life Sciences, HCU.
- As extension lecture on ‘**Spectroscopy**’ was organized by Dept. of Chemistry on 17th Oct.,2012 by Dr.Subhasini, Osmania University, Hyd.
- Dept. of Mathematics organized an extension lecture on ‘ **Real Analysis**’ by Prof.Rangamma, dept. of Maths, OU on 3rd Nov.,2012.



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- Dept. of Statistics organized an extension lecture on ‘ **Applications of Operation Research in real life**’ by G.S.N.Murthy, ISI on 27th Nov.,2012.

IQAC

The Internal Quality Assurance Cell was formed based on the recommendations of NAAC for monitoring the quality parameters in the college. IQAC streams lines and sets bench marks for the improvement of various systems and procedures. IQAC coordinator Mrs. Grace Beena Paul arranges various quality assurance programmes with the help of departments.

Students Feedback


The computer science department developed a software package for the online feedback by the students on faculty, infrastructure, courses quality and management. The department has analyzed the data with the help of senior faculty and presented to the principal for further guidance. 1200 students have given their online feedback in January 2013.

Research :

The Management encourages the staff to take up Research in their respective subjects and extends the following facilities

- ❖ Sanctions additional increments for M.Phil and Ph.D
- ❖ Provides Travel allowance
- ❖ Grants Leave-on-Duty for attending Seminars and Conferences
- ❖ Special leaves
- ❖ Reducing the work load
- ❖ Adjustment in the Time-table
- ❖ Incentives for Research publications
- ❖ Library and Lab Facilities

This year 3 faculty members have been awarded Ph. d Degree from OU

1. Dr.G.Vijayalaksmi in chemistry
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2. Dr.R.Komala in Physics
3. Dr.S.Sreedevi in Micro Biology

Faculty Contribution : Research Publications : 2012-2013

Title of paper	Name of the Faculty	Department of the teacher	Name of journal	Year of publication	ISBN/ISSN number
Effect of Benzene Exposure on Fertility of Male Workers Employed in Bulk Drug Industries	Katukam V, Kulakarni M, Syed R, Alharbi K, Naik J	Biochemistry	Genetic Testing and Molecular Biomarkers	2012	19450265
Clinical Relevance of Vitamin C among Lead-Exposed Infertile Men	Vani K, Kurakula M, Syed R, Alharbi K	Biochemistry	Genetic Testing and Molecular Biomarkers	2012	19450265
Isolation, Screening and Optimization of Phytase Production from Newly Isolated Bacillus Sp. C43	S. Sreedevi & B.N. Reddy	Microbiology	International Journal of Pharmacy and Biological Sciences	2012	22307605
Substrate Optimization for Phytase Production from Newly Isolated Bacillus Subtilis	Sarsan Sreedevi and Bhumi Narsimha Reddy	Microbiology	World Journal of Science and Technology	2012	22312587
Effect of Metal Ions on Production and Activity of Newly Isolated Bacillus Subtilis C43	Sreedevi . S & Reddy B.N.	Microbiology	International Research Journal of Pharmaceutical and Applied Sciences	2012	2277 4149
Isolation of Lactobacilli From Some Traditional Fermented Foods and Vegetables and Evaluation of the Bacteriocins	K. Vindhya Vasini Roy	Microbiology	International Research Journal of Pharmaceutical and Applied Sciences	2012	2277 4149
Screening and Identification of Protease Producing Bacteria from Soil	Kusuma Dorcas, Vindhya Vasini Roy	Microbiology	Acta Biologica Indica	2012	2319124



Point Spread Function of Asymmetrically Apodized Optical Systems with Complex Pupil Filters: The One - Dimensional Case with Slit Aperture	M. Keshavulu Goud, R. Komala, A. Naresh Kumar Reddy and S. Lacha Goud	Physics	Acta Physica Polonica A	2012	05874246
Photooxidation of Caffeic acid in Presence of Peroxydisulphate in Aqueous Solution	M. S Swaraga, M. Adinarayana	Chemistry	Oxidation Communications	2012	02094541
Regeneration of α -Tocopherols from Photochemically Generated tert-Butoxyl Radical Induced α -Tocopheroxyl Radicals by Chlorogenic Acid: A Synergistic Interaction	G.Vijayalakshmi, M Adinarayana and P.Jaya Prakash Rao	Chemistry	International Journal of Chemical Sciences and Applications	2012	online ISSN 22786015 ISSN 09762590
An Empirical Analysis of Factors Influencing Indian Individual Equity Investors' Decision Making and Behavior	Syed Tabassum Sultana, S. Pardhasaradhi	Business Management	European Journal of Business and Management	2012	22221905
Screening for Efficient F Producing Bacterial Strain in Different Soils	S. Sreedevi, B.N. Reddy	Microbiology	International Journal of Bio Sciences	2013	22206655
Purification and Biochemical Characterization of Phylogenetically Newly Isolated Bacillus C43	Sreedevi S and Reddy B.N.	Microbiology	Advanced Bio Tech	2013	09730109 / 23196750
A Review on Role of Microbial Phytases in Agriculture	Sreedevi Sarsan	Microbiology	Online International Interdisciplinary Research Journal	2013	22499598
Identification of Phytase Producing Bacteria C43 Isolated From Cattle Shed Soil Samples of Hyderabad, A.P.	Sreedevi S, Reddy B.N.	Microbiology	Helix	2013	23195592
Effect of Storage of Water In Different Metal Vessels on	Sreedevi Sarsan	Microbiology	International Journal of Current Microbiology and	2013	2319-7706(Online)





Colioforms			Applied Sciences		
Human Values Development for Nation Building	Grace Beena Paul	Zoology	New Frontiers in Education	2013	09721231
Think Globally - Act Locally A Case Study on Marketing Strategies of Mc Donalds	D. Geetha Reddy and A. Reena Rani	Commerce	Osmania Journal Of International Business Studies	2013.	09735372
Buoyancy of Central Taxes - An Analysis	V. Brahmanandam	Business Management	Southern Economist	2013	00384046
Employment of Women: An Analysis	V. Brahmanandam	Business Management	Southern Economist	2013	00384046
Studying Main Differences Between Multilevel Queue (MLQ) and Multi Level Feedback Queue (MLFQ)	K. Kala Bharathi	Computer Science	International Journal of Computer Applications in Engineering Sciences	2013	22314946
Design and Fabrication of a Bench –Top Gas Generator for Four Year Undergraduate Laboratory Classes.	Mala Das Sharma	Chemistry	World Journal of Chemical Education	2013	23751665

Medals / Achievements :

- Dr.Mrs.S.Sredevi was awarded “Young Scientist Award” for best oral presentation on paper “Identification of Phytase producing bacteria C43 Isolated from Cattle shed soil samples of Hyderabad” at DST sponsored 4th International conference DNA 2012 on innovation in the changing world” organized by Bioaxis DNA Research centre Private Ltd, in association with AIMSCS at University of Hyderabad from 15th- 16th December, 2012.
- Mrs.Ananthalexmi, Ms.C.Vanisree and Ms.Ch.Meghana from Dept.of Bio - chemistry were qualified APSET 2012.

Faculty development Program organized by the College :

- National level workshop was organized by dept.of physics on “Experimental Physics” in collaboration with Indian Academy of Sciences, Bangalore from





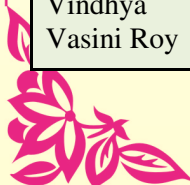
24th to 25th August 2012. 39 participants from various colleges and universities actively.

Students Achievements :

- Ms. P. Mary Gomedhika II M. Sc and Ms. Fatima Sultana III B. Sc participated and received a national award for Academic Excellence in Indo American Education Summit.
- On 17th August 2012 Ms. Snidgha and Reshma of II MZC attended workshop on Research Methodology at Global Medical Education and Research foundation Hyderabad.
- On 8th sep 2012, I & II MZC students participated in an extension activity of AP forest department at Sujatha High School , Abids.
- 3 B.Sc (MZC) students participated as volunteers representing the centre for Enviornment education for the IX meeting of COP 11, at HICC-HITEX complex from 1st to 19th October 2012.
- 4 students from statistics attended seminar on “operation Research conducted by Indian statistical Institute on 14th Sept 2012.
- Our college has won II place in Dramatics and III place in singing, the inter collegiate competitions conducted by OU.

Staff and Student’s Projects :

principal Investigator	Duratio n	Name of the Projects/ Endowments, Chairs	Funds Provided (Rs.)	Name of funding agency	Year of Award	Departme nt of Principal Investigator
Dr. G. Vijaya Laxmi	6 months	Kinetics and mechanism of oxidation of vitamin E by tert butoxy radical in aqueous solution	10000/-	President , St. Pious X Degree & PG College for Women	2012-13	Chemistry
Dr. Mala Das Sharma	6 months	Kinetic study of catalytic decomposition of H ₂ O ₂ by aqueous Fe ³⁺ ion- A green chemistry approach	10000/-	President , St. Pious X Degree & PG College for Women	2012-13	Chemistry
Dr. K. Vindhya Vasini Roy	7 months	Isolation and screening of L-Asparginase producing fungi from environmental	10000/-	President , St. Pious X Degree & PG College	2012-13	Microbiolog y





		sources		for Women		
Dr. S. Sreedevi	3 months	Microbiological investigation of Cosmetic samples	3000/-	President , St. Pious X Degree & PG College for Women	2012-13	Microbiology
Mrs. Kusuma Dorcas	3 months	Antimicrobial activity of various medicinal Plant Extracts	2000/-	President , St.Pious X Degree & PG College for Women	2012-13	Microbiology
K.Swarnalatha	2 months	Microbiological Study of Khoa	5000/-	President , St.Pious X Degree & PG College for Women and PG College for Women	2012-13	Microbiology
C.Vanisree	2 months	Characterization of sorghum α amylase	10000/-	President , St.Pious X Degree & PG College for Women	2012-13	Biochemistry
Mrs.D.Anantha Lakshmi	2 months	Analysis of Potassium levels in fruits by flame photometry	10000/-	President , St.Pious X Degree & PG College for Women	2012-13	Biochemistry
Mrs.Rajeshwari	3 Months	Solar energy	10000/-	President , St.Pious X Degree & PG College for Women	2012-13	Physics
Mrs. K.Uma Maheshwari	2 months	Innovation in mathematics Education (Differential Equation)	5000/-	President , St.Pious X Degree & PG College for Women	2012-13	Maths
Mrs. Pauline	2 months	Analysis of Women Education	5000/-	President , St.Pious X Degree & PG College for Women	2012-13	Statistics
Ms.Niveditha	3 months	Pedigree Analysis And Karyotyping	10000/-	President , St.Pious X Degree & PG College for Women	2012-13	Genetics
Mrs. Grace Beena Paul	2 months	Conservation of Natural resources	10000/-	President , St.Pious X Degree & PG	2012-13	Zoology





				College for Women		
D. Geetha	2 months	Auditing & Process of Auditing in Kingfisher	5000/-	President , St.Pious X Degree & PG College for Women	2012-13	Commerce
G. Naga Laxmi	2 months	Online Banking	5000/-	President , St.Pious X Degree & PG College for Women	2012-13	Commerce
G. Naga Laxmi	2 months	Life insurance in India	5000/-	President , St.Pious X Degree & PG College for Women	2012-13	Commerce
A. Reena Rani	2 months	A Study of International Accounting Standard & Indian Accounting Standard	5000/-	President , St.Pious X Degree & PG College for Women	2012-13	Commerce
D. Geetha	2 months	A Study of Service Tax in India	5000/-	President , St.Pious X Degree & PG College for Women	2012-13	Commerce
Mrs. K Sandhya Sree	2 months	College Website	7500/-	St.Pious X Degree & PG College for Women	2012-13	Computer science
Mrs.K. Sandhya Sree	2 months	Basic calculation system using Java	7500/-	St.Pious X Degree & PG College for Women	2012-13	Computer science
Mrs.Ch.Mary pushpa	2 months	Kakati Vacuum Pumps and Motors	5000/-	St.Pious X Degree & PG College for Women	2012-13	Computer science
Mrs. Annie Sunil	3 months	Reviews and Albums	5000/-	President, St. Pious X Degree and PG College	2012-13	English





LIBRARY FACILITIES :

The Library wing is provided with 3 well furnished and spacious library separately for UG and PG course .They are fully automated with New Gen Lib licensed software and OPAC . The College has membership with British Library and DELNET. Free internet facility is provided in the library to access e-journals. CC cameras are fixed in the library and scanning and reprographic facilities are provided. BOOKBANK facility for economically weak students is also provided.

- There are 19034 Books, 71 Journals, 23 Magazines in the library. The Library has procured 500 CD ROMs on various subjects . This year the college has spent 212000/- for subscription of 500 online Journals through J-Gate and EBSCO Database for MBA Library .

ICT Resources :

Information and Communication Technology (ICT) is extensively used in the college for teaching and learning. The college has procured 220 computers for various laboratories and department. All Computer are under LAN. The MBA Laboratory is connected with wi-fi Technology.

Consultancy Services :

The Faculty members are well talented and they contribute their time and skill for various consultancy services.

Consultancy

Design and Revision of syllabus	02
As Member on Board of Studies	04
Member on the Panel of Paper setters	12
Chief Examiners	04
Subject experts on staff selection committee, Resource persons on Academic activities	18
Resource persons for Education program in Doordarshan	01




Extended Services

- Mrs.R.Komala dept. of physics extended her services as resources person at Residential service workshop conducted by Vikas concept School, Miyapur from 27th April to 2nd May 2012.
- Dr.Vijayalakshmi ,Dr.Sudha Swarga, Mrs.Aparna and Mrs.Shashi Balaji had participated at AP Tribal School teachers training program as resource person on 20th July 2012 , 27th sep 2012 and 13th Dec 2012 to train the teachers on “**Basics of organic and physical chemistry**”
- Mrs. P. Sowmya Sreelakshmi from dept of computer science and Mrs. Shailaja and Mrs. Nagalakshmi from commerce were the resource person for “**Academic Audit**” to St. Mary Degree college on 20th January and st.Joseph’s Degree college ,King koti on 31st Jan 2013.
- Mrs.S.Sredevi was resource person for a “**workshop for school science teachers training program**” conducted by RVM teachers of Vizag AP from 30th July to 4th August 2012 and spoke on the topic “**Isolation and Identification of Bacteria**” organized by Janavignana vedika in Rajiv vidya mission.
- As resource person for II MBA students on “Communication skills –LSRW “ was offered by Mrs.Annie Sunil , HOD from 20th to 30th Nov 2012.

Clubs and Associations – 12

Department	Name of the Club
English	Dr. Johnson’s Literary Club
Hindi	Pratibha
Commerce	Spoorthy
Mathematics	Sigma
Physics	Galaxy



Chemistry	Halogen
Computer Science	Cursor
Botany and Biotechnology	Eco
Zoology	Zooc
Microbiology	Sarcena
Genetics	Geophilics
Biochemistry	Bio-mystry


Out Reach Programme :

Pious Empowerment and Reach out Program for Learning

During the PEARL orientation programme on 27th July 2012, Dr. Sangeetha Lakshmi and Mrs. Grace Beena Paul motivated the students to register for PEARL as volunteers.

- PEARL has adopted a ZP School in Habsiguda, Volunteers teach basic mathematics, fundamental of grammar and computer fundamentals on every Thursday and Friday to the school children.
- On 1st August the volunteers visited THARA (Home for the Orphans) to celebrate “Raksha Bandhan”. They tied rachis and distributed sweets to the children.
- Independence day was celebrated in the Government School, Habsiguda Essay writing, Elocution, Quiz competitions were held for the students.
- 19th August was observed as Sadbhavana Divas at ZP School, Habsiguda, students were asked to give good quotations and recited poems which inspired them.
- World Literacy Day was celebrated on 8th September 2012 to promote importance of education among the students and the community.
- 2nd October, 2012 was celebrated as World Peach Day at ZP School, Habsiguda, students were asked to speak on Gandhian Principles – Impact on Human life. Prize was given to the best speakers.




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- The children day's was celebrated on 14th November at ZP School, Habsiguda, competitions were conducted in singing, dancing, recitation of poems and games.
 - As a part of its responsibility to inform the community on various dreadful diseases prevailing in the society, PEARL volunteers conducted a march at Pratp Singaram Village on 1st December, 2012 World AIDS Day. They spoke on the causes and precautions of dreadful diseases.
 - On 20th January 2013 Pulse polio awareness program was conducted at Pratap Singaram Village
 - On 24th January 2013 National Girl Child Day at Pratap Singaram Village was celebrated.
 - Dept. of Social Sciences organized a 'Health Awareness Programme' on 25th Aug., 2012 for neighbourhood.

NSS

The college has 2 NSS Units. NSS meet was organized for 2nd and 3rd year NSS volunteers on 2nd July 2012. During the meet the programme officers Mrs. Geetha and Mrs. Anitha inspired the students about the motto of NSS **"ITS ME BUT NOT YOU"**. 5 students coordinators were elected on the day.

- **Orientation for 1st Year** : An orientation programme was conducted on 27th July 2012. Around 400 students participated in the orientation programme, and 100 students registered as NSS volunteers after listening to the motivational experience of the senior volunteers. The NSS programme Mrs. Geetha Reddy presented a Ppt on NSS activities of the previous year.
- **PRAKRITI MITRA Training** : 10 NSS volunteers had undergone a training programme to protect the environment conducted by Govt. of AP. from 29th July to 30th September 2012 on every Sunday at Hari Hara Kala Bhavan, Secunderabad. The volunteers presented a ppt on environmental protection and it received well by the organizers.


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- **Independence Day Celebrations** at Govt. School. In collaboration with Janahitha NGO, the NSS volunteers conducted various competitions on eve of independence day and winners was awarded with prizes on 15th August 2012.
 - **Raksha Bandhan** – The NSS volunteers ushered their friends to donate rakhis. The drop boxes were kept in the college for the collection of rachis. The response was amazing. The rakhis were tied to the mentally challenged children of AATHMEEYA (Manasikaa Vikas kendram).
 - **NSS Mega camp** : Osmania University has organized for NSS volunteers from 21st to 2th August 2012, 8 Volunteers of our college participated in the camp.
 - **NSS Day Celebrations** : The 44th NSS Day celebrations were held at Administrative Building, Osmania University, the programme officer Mrs. D. Geetha and Mrs. D. Anitha and 5 Volunteers attended the celebrations and put part in a seminar on Role of Youth in eradication of social evils.
 - **Special Camps** : NSS unit 1 and 2 organised a Special day and night camp at Pratap Singaram and Kanchvani Singaram from 17th - 23rd January 2013. The volunteers organized rallies adult literacy programmes, cleaning the streets, and laid a drainage pumps in govt. school. Candle making was light of the programme.

NCC

The college has active NCC units with 57 cadets. They presented a spectacular Guard of Honour to the NAAC PEER Team visit on 13th September 2012. The students undergo rigorous training on every Saturday and Sunday. After attending NCC special camp at Bison Polo Grounds, Hyderabad from February 12th – 19th 2013, they receive 'B' and 'C' certificate 25 students received 'C' certificates in 2011-2012

SPORTS


We strongly believe that sports is not only for development of leadership and a team spirit, but also plays vital role in the overall development of the individual. I am happy to report that this year also we have come up with impressive performances and also improved most of our previous efforts. Our students participated enthusiastically in



the inter collegiate Tournaments for the women conducted by Osmania University for 2012-2013. We took part in Cross country, Khabbadi, Volley Ball Table Tennis, Badminton, Hand Ball, Carroms and Athletics. The college has won 3rd place in Chess, 4th Place in Kho Kho, 5th Place in Tennikoit, and 2nd place in Javelin thrown in Osmania Intercollegiate tournaments. Few students are selected for National and State Level teams.

- **Hosting the OU Inter Collegiate Chess Tournament :** The department of Physical education hosted OU Inter Collegiate Chess Tournaments for Women on 5th, 6th of October 2012. 18 women colleges have participated in the Tournament. The Tournament was inaugurated by Mr. Narsimha Reddy, Chairman, Bar Council of AP, High Court. Our college secured 3rd Place (Bronze Medal) Maheswari 2nd B. Sc (MSCs) secured individual Bronze Medal.
- Intra collage competitions were conducted in Thrown ball Carroms, Chess, Tenni-koit, and Table tennis from 8th to 10th January 2012. Prizes were given to winners and runners.
- **Seminars attended** - The Physical Director Mrs. G. J. Grace attended International Seminar on ‘Health Physical Education and Computer Science in Sports, organized by Indian Federation of Computer Science in Sports at OU Campus from 11-12th August 2012.
- Mrs. G.J. Grace participated “**women participation in sports**” organized by Andhra Mahila Sabha College on 29th August 2012, and seminar on “**Sports Medicine and Related Injuries**” Organized by RBVRR club & care hospitals.
- Mrs. G.J. Grace was nominated as Team Manager for Osmana Women Athletic team to participate in All India Inter University Athletic Meet, at Kalyani University, West Bengal from 22nd to 26th January 2013, Assigned by OU.
- The Department of Physical Education conducted a day seminar on “Importance of Sports and Games and Fitness” on 6th September 2012, Dr. Ravi Kumar, Chief Hand Ball Coach, L.B. Stadium was the resource person.

Resonance – Cultural Week :



The college celebrates cultural week which provides a platform for the students to show case their talents in literary, fine arts, dance and theatre arts. This year the competitions were conducted in story telling, the art of writing, Mehendi, Rangoli, Best of Creativity, Cooking, Dramatics, Singing, News reading Dancing from 26th November – 08th December 2012. Nearly 640 students have participated the prizes were given on the valedictory day.

Scholarships and Concessions

Our care for the disadvantaged sections of the society remains a central focus in our strategic plan for the institution. We have instituted many financial scholarships and offer fee concessions to the deserving students. The management helped 50 students by giving them concessions.

This year 150 deserving students received SC, ST, BC, EBC & Minority scholarships worth of Rs. 18,29,500.00

Support Staff :

We are very fortunate to have extremely dedicated and versatile support staff . At present they are 28 Non Teaching Staff 08 Administrative Staff .

- ❖ Best worker among Administrative Staff : Mrs.Siddiqa Begum
- ❖ Best Worker among Technical Staff in Labs : Mr.Bala Manohar
- ❖ Best worker among group 'D' staff : Mrs.Rajeshwari

Conclusion :

As we look back this academic year 2012-2013, we realize it is yet another year of mixed experience, times of achievement, times of hard work, times of stress and anxiety, time of exploration and challenges. Amidst all these experiences, we have grown together as St. Pious Community.

As I conclude this report I thank the almighty for his infinite wisdom that has guided us and for the gift of the persons who have enriched our lives.
