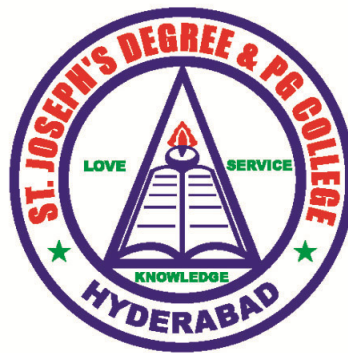


ANNUAL REPORT

2015-16



Department of Computer Science

St. Joseph's Degree & PG College
King Koti, Hyderabad

Prepared by
Mrs.M.Kiran Jyothi, HoD, CS
Associate Professor
Mrs. P. Madhuri Paul
Assistant Professor



ST. JOSEPH'S DEGREE & PG COLLEGE

Autonomous, Affiliated to Osmania University
Re-accredited by NAAC with 'A' Grade with a CGPA of 3.49

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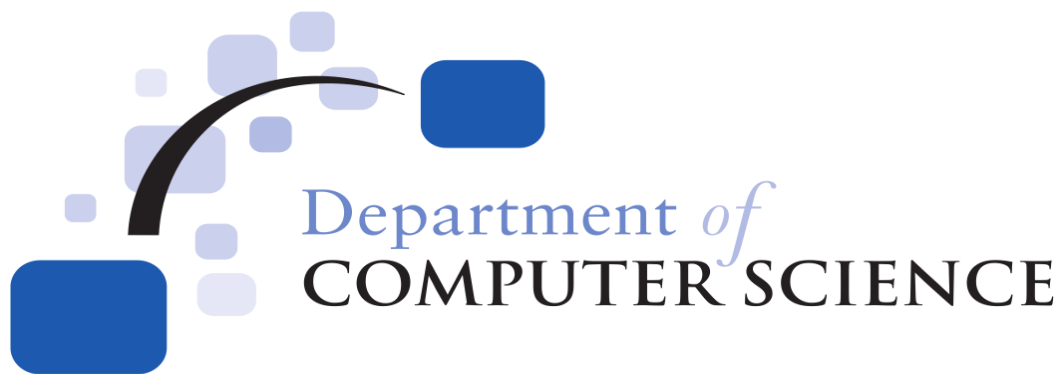
About St. Joseph's College...

St. Joseph's Degree & PG College, a leading name in the field of higher education, has earned several top prestigious rankings and 'A' grade by NAAC for its "*Distinctive educational environment*", which pays a shared focus on developing social and ethical values among the students, while equipping them with right knowledge and skills to meet the dynamics of the global market. One of the most prestigious affiliates of Osmania



University, the college has deployed the academic flexibility of its Autonomous status to package a unique educational program that is framed in collaboration with top notch academicians and industry experts to embrace the emerging trends in academics and industry. Apart from this several value add-on modules – certificate courses, life skills and job skills ensure that there is wholesome learning designed to empower and nurture leaders of the future.

About the Department of Computer Science



VISION

To groom the students into world class Computer Professionals.

MISSION

- To impart quality computer education to enhance logical computing and programming skills.

- To implement innovative techniques and processes in teaching - learning and evaluation.
- To further creativity and pursuit of excellence in computer applications.
- To sensitize a culture of trust, fairness, tolerance and positive orientation.
- To build life skills through value-based education and service-oriented programme.

Welcome to Department of Computer Science at St. Joseph's, where students undertake studies that offer a well-rounded education in the science & technology. It is an intensive, hands-on approach to computing that can be applied to almost every facet of life.

Computer Science is the most exciting, gratifying, and promising field we can pursue, That's why, at St. Joseph's, we believe our Computer Science program should not only educate but also inspire you with the joy of computing. Each strikes a balance between conducting world-class teaching, excelling in education, and training students to become leaders in their field.

The Computer Science Department was **established** during the year 1997-98 with B.Sc (MPCs), B.Com (Computers) and MCA. During the year 1998-99 the combination of MECs, MSCs in B.Sc were added along with BCA. The Professional Post Graduate Course, MCA was introduced in the year 1999, approved by AICTE.

The CS Department always stood for **innovation** and **leadership** in **curriculum planning** - having one of the oldest and best known courses MCA programme; boldly proposed and introduced the B.Com(IT) programme and BBA(IT) in 2015 to attract the growing number of undergraduates in computer science; and in 2012, introduced the unique Course B.Sc (NHAEM) with specialization in Networking & Hardware, Applied Electronics & Mathematics

combination aimed at the growing lack of computer professionals in networking and system Administrators.

The Department is renowned for cutting edge state-of-the-art and quality education since its inception. The Department is also known for facilitating the quality education to the highest and conducting various **curricular** and **extra-curricular activities** to make students excel in every field of study, through Interaction with Board of Studies, Bridge Courses, Value-added Courses, Experiential Learning, Certificate Courses, Seminars & Guest Lectures, Peer group learning, Problem Solving Skills and Social Service Activities.

Computer Science Department epitomizes **excellence** in all major functions associated with higher learning such as teaching, student development and curriculum planning. The strengths of the Department are its quality faculty, innovative and flexible curricula with their unique focus on post-graduate education, state-of-the-art facilities with remarkably high and open transparent policies that foster a healthy student-faculty interaction.

With nearly 85% of the **faculty** possessing a Higher Graduate degrees and considerable experience in teaching in conjunction with a relatively young in age, the Department rightfully boasts of a faculty profile that is young, vibrant and matching the best standards of today's Competitiveness like the exposure to the latest technologies and research leading to publications in major journals/conferences and accessibility to high-end computing facilities, etc,. A consistent number of **paper presentations** / **publications** and FDPs were taken part by the faculty members of the department.

The Department maintains active contacts with both **industry** and **research labs** and participates in developing the state-of-art computing systems. Department has signed **MoUs** with BSNL - Regional Telecom Training Center,

Gachibowli, Hyderabad, Verticle Technolgies Ltd, Hyderabad, Jetking Ltd, Hyderabad to promote research, internship and teaching Programmes.

The Strength in department drives our curricula which are carefully designed mixes of **core courses** and **electives**. The **core courses** impart a rigorous foundation so that every student is technically competent while the varied choice of electives allows individuality for students to keep abreast of the latest technological innovations and specialize in their areas of interest. Moreover, students are encouraged by the design of the curriculum itself to select **inter-disciplinary courses** and gain a broad-based perspective of the field. The curriculum is continually monitored and updated as and when necessary.

The CS Department adopted the **CBCS and Grading system** for evaluation and also has a system for collecting and analyzing student feedback on course structure, content, delivery and evaluation. The **teaching methods** further reflect our pursuit of excellence. **Classrooms** are well-equipped with LCD projectors for courses that benefit from the use of live demonstrations and computer presentations to blackboards for those that require greater flexibility in pace and structure of lecture delivery. Web-based materials, assignments, case studies, projects, poster making, animated videos, are also used to experimentally deliver the contents.

Our **laboratories** also reflect the unique dichotomy of our curricula with general-purpose ones for core subjects and several specialized ones such as networking lab, SPSS lab and computational intelligence lab for the newest electives. Access to such laboratories is provided to students and faculty on all working days.

The seeds of a radical shift of emphasis and broadening of scope of Department were sown under the leadership of **Mrs. M. Kiran Jyothi, Head of Department**. The Department now has responsibility within the College for all academic aspects of computing; for teaching, for technical assistance in entire campus, for trouble shooting issues, for basic collaboration with other departments and with industry on applied research. Department's **involvement** in major tasks like maintenance of College Website, College Face book page, Checking and maintaining the College official mail id, administering online feedback from students every semester, maintaining the attendance software issues and training to entire college, network related issues, maintenance and purchases of IT infrastructure facilitates like PCs, LCDs, monitors, Projectors, etc.,.

A variety of **extra-curricular activities** brings CS undergraduates together, too. We have **Computer Club**, working actively since years to build the gap between the technology innovation and learning perspective. We organized and took part in **seminars** and **guest lectures** for students and faculty. We organized **field visits** to Defence Research & Development Organization (DRDO) Hyderabad, Indian Space Research Organization (ISRO) Sriharikota for different groups of students. We encourage Joseph's Information Lab & Design Space for students to work innovatively. It's a 24/7 student-run workshop, complete with power tools, disassembled computers, networking assistance, and plenty of energy and conversation.

The Department continues to grow in giving services to the college management by serving in various committees and positions. Mrs. M. Kiran Jyothi, HoD serving as Additional Controller of Examinations and Mrs. T. Esther Ratna, Assistant Professor serving as Dean - Administration of the College.

Students come from all over the country and the Department is beginning to attract the attention of National & International Students. The diversity of the student community and the technical strength of the different programmes are recognized by many distinguished multi-national and other high-end companies that find our students technically superior with excellent problem-solving skills and great cultural awareness.

Alumni of our MCA, B.Sc and B.Com programs land jobs at top technology companies—such as Google, Infosys, Wipro, Microsoft – or are hired by major employers in the financial, entertainment, health care, or defense industries, among others.

The students in our program are outstanding in their own right. Undergraduates in the Computer Science Department consistently matriculate at the top of their performances in entire class. Graduated students got placed among premier universities across the globe.

Achievements/Ranking of the Department

- The Department was established during the year 1997-98 .
- The Department of Computer Science organized a spectacular one day National Level IT Symposium, ANVESHNA '09'.
- The College obtained Autonomous Status in the year 2011 -12.
- Designed Curriculum for B.Sc & B.Com Courses
- In the Year 2012 the B.Sc (NHAEM) Course was introduced
- The Department of Computer Science organized a one day an IT & Management Meet “Sagraha 11 “ in the year 2011
- Ranked 3rd Best Science College by India Today in 2013-14
- Ranked 27th Top MCA College in India and Ranked 10th Top MCA College in Hyderabad by Mycollege.in 2011
- Ranked 2nd Best emerging Science College by India Today – Nielson survey on 29th June 2015

Department Library & Infrastructure Facilities

Department Library Books Details

S.NO	Access Number	Author	Title
1.	5390	Kenneth c. zaudoh	Management Information System
2.	5420	M.Anji Reddy	Remote sensing and geographical information system
3.	5414	Ian keyword	Geographical information system
4.	5400	Kang-tsung chang	Introduction to geographic information system
5.	5408	William mendehhall	Introduction to probability and statistics
6.	5397	D.S Malik	Data structures using C++
7.	5429	William stallings	Computer organization and architecture
8.	5391	Robert schulthesis	Management information system
9.	5412	Ivan huton	Visual C++ 2005
10.	5402	D.N. Dwivedi	Managerial economics
11.	5392	Williams sawyer	Using information technology
12.	5417	William stallings	Cryptography & networks
13.	5377	Mukesh singal	Operating system
14.	5378	Silberscatz	Operating system concepts
15.	5403	Limin fu	Neural networks in computer intelligence
16.	5367	Elmasri	Fundamentals of database systems
17.	5381	Robert arfali	Client/server programming with java & cobra
18.	5370	w.richard stevens	Advanced programming in the Unix environment
19.	5428	w.richard stevens	Unix network programming
20.	5419	Thomas h Carmen	Introduction to algorithms
21.	5389	M Y Kahn	Financial management
22.	5406	AL stevens	C++ Programming
23.	5409	Fred halsall	Data communication, computer networks and operating systems
24.	5366	Ramakrishna	Database management systems
25.	5382	Elaine Rich	Artificial intelligence
26.	5399	Itl education	Introduction to information technology
27.	5395	Douglas hall	Microprocessors & interfacing
28.	5430	M.Moris Mano	Computer system architecture
29.	5376	Roger s.Pressman	Software engineering
30.	5383	S.C.Gupta	Fundamentals of mathematical statistics
31.	5426	Ivan Jacobson	The unified software development process
32.	5427	Grady booch	UML user guide
33.	5422	M.Morris mano	Computer system architecture
34.	5404	Frank Buschmann	Pattern oriented software architecture
35.	5380	Shari Lawrence pflieger	Software engineering- theory and practice
36.	5394	j.p tremblay	Discrete mathematical structures with applications to computer science

37.	5396	Bernard kolman	Discrete mathematics structures
38.	56418	Andrew s.tanehbaum	Distributed systems principles and paradigms
39.	5373	James c.van harne	Fundamentals of financial management
40.	5405	Steven hanington	Computer graphics
41.	5393	Dennis p.surtih	Information technology
42.	2860	Stephen h.kan	Metrics & models in software quality eng
43.	5991	Donal heoen	Computer graphics
44.	3778	Andrew s tanen baun	Operating systems
45.	1014	Korls	Database system concepts
46.	3380	Behorouz a forouzan	Data communication & networking
47.	3410	Alfred v.sho	The design & analysis of computer algorithms
48.	4231	Dhires bhattachatya	Fundamental of business economics
49.	3037	Horo witz	Fundamentals of algorithm
50.	4039	Erich gamma	Design patterns
51.	3008	Sahni-sartaj-sahani	Data Structures Alogrorithms & Application
52.	6210	Andrew S tanenbaum	Computer networks
53.	4088	Donald Hearn	Computer Graphic
54.	4299	Herbert Schildt	Java 2 complete reference
55.	1311	Billy G.Gellet	Operation research
56.	3427	Jochen schiller	Mobile computing
57.	1930	Arun k pujani	Data mining
58.	5423	Ralp Kimball	The Data Warehouse Toolkit
59.	5386	James F.Peters	Software Engineering
60.	5416	Simon maykin	Neural networks

Infrastructure Facilities

Hardware and Software Maintenance In-charges:

1. Mrs. M. KiranJyothi
2. Mr. Pavan Kumar
3. Mr. Aloysius
4. Mr. Vincent Rao
5. Mr. Venkat
6. Mr. Ravi Teja

Purchases made:

S.No	Date	Particulars	Quantity
1	08/08/14	UPS Batteries-7Ah, "Exide"	80
2	08/08/14	UPS Batteries-26Ah.SMF, "Quanta"	16

3	08/08/14	APC UPS- 1.KVA	8
4	08/08/14	Office Line UPS-3.KVA	1
5	14/08/14	Keyboard	15
6	14/08/14	Keyboard +optical Mouse	25
7	14/08/14	Optical Mouse	15
8	14/08/14	Ethernet card	20
9	14/08/14	SMPS	15
10	14/08/14	2GB DDR	25
11	14/08/14	4GB DDR	3
12	14/08/14	RJ-45 plugs	2 boxes
13	14/08/14	LAN Tester	2
14	14/08/14	8 Port Switch D-Link	8
15	14/08/14	Tool Kit i bal	1

Maintenance:

S.No	Particulars	Quantity	Location	In-charge
1	Keyboard	10	Ground Floor Lab	Mr. Pavan Kumar
2	Mouse	10	Ground Floor Lab	Mr. Pavan Kumar
3	Keyboard	20	First Floor	Mr. Vincent Rao
4	Mouse	20	First Floor	Mr. Vincent Rao
5	RAM	4	First Floor	Mr. Vincent Rao
6	SMPS	2	First Floor	Mr. Vincent Rao
7	Core i3 Desktop	3	Third Floor Lab	Mr. Aloysius
8	SMPS	2	Third Floor Lab	Mr. Aloysius
9	LAN cards	3	Third Floor Lab	Mr. Aloysius
10	RAM	2	Third Floor Lab	Mr. Aloysius

Details of Faculty - Full Time

S.NO	NAME	QUALIFICATIONS	DESIGNATION
1	Mrs. Kiran Jyothi	MCA, MBA	Associate Professor - Head
2	Mr. Joseph Raja Kumar	MCA, M.Phil	Associate Professor
3	Mrs.T.Esther Ratna	M.Sc, M.Phil	Assistant Professor & Administrator - Academics
4	Mr.Ch. Pavan Kumar	B. Tech, (MBA)	Network Admin & Asst.Professor
5	Mrs.P. Madhuri Paul	MCA, M.Tech	Assistant Professor
6	Mrs.Shailaja	MCA	Assistant Professor
7	Mrs. Hari Priya	MCA	Assistant Professor
8	Mrs. T.Radhika	M.Sc ,M.Tech	Assistant Professor
9	Mr.Venkat	B.Tech	Network Admin & Asst.professor

Faculty Attended Programmes (In-house & Outside)

1. **Mrs M.Kiran Jyothi** attended a National Seminar on “E-Commerce – Impact on Economic Development” on 27th Feb 2015, Organized by Department of Management and Computer Science, RBVVR College. The Seminar focused on E-Business Models, Practical challenges faced by Ecommerce Industry in India and other countries, the Impact of Ecommerce on Economic Development, Cyber Crimes, etc.
2. **Mrs. M Kiran Jyothi** attended a Faculty Development Program for the Faculty of Management and B Schools on Corporate Governance on 13th Sep 2015 in Christ College Auditorium at the Institute of Management of Christ University, Bangalore. The topics discussed in the Conference were Corporate Governance, The Role of Board of Directors as mentioned in Companies Act 2013, CSR and its significance. It was a platform where interaction took place between practicing company secretaries, Directors of Companies and Faculty from renowned colleges.
3. **Mrs. T. Esther Ratna** participated UGC sponsored two day national seminar on “Quality enhancement –Role of Higher Education Leadership in preparing next Generation Leaders towards Institutional Development “on 6th and 7th February, 2015 organized by the Internal Quality Assurance Cell of St. Francis College.
4. **Mrs. T.Esther Ratna** attended a National Workshop on ‘Teaching, Research and Technology’ organized by Xavier Board in Collaboration with Christ University, Bengaluru during 28 -29 April 2015 at Christ University, Bengaluru.
5. **Mrs. T.Esther Ratna** attended UGC sponsored National seminar on ‘Quality Enhancement – Role of Higher Education Leadership In Preparing Next Generation Leaders Towards Institutional Development’ at St Francis college for women on 6th and 7th February 2015.

6. **Mrs. T.Esther Ratna** attended One-day Seminar on “Implementation of CBCS in College- Prospects and Challenges” organized by RBVRR Women’s College in collaboration with the Telangana State Council of Higher Education and ICSSR (Sothern Regional Centre) on 27 June, 2015.
7. **Mrs. T.Esther Ratna** attended One-day Seminar on “Implementation of CBCS in College- Prospects and Challenges” organized by RBVRR Women’s College in collaboration with the Telangana State Council of Higher Education and ICSSR (Sothern Regional Centre) on 27 June, 2015.
8. **Mrs. T. Esther Ratna** Coordinated Workshop on “Implementation of CBCS in Autonomous Colleges in Hyderabad” in collaboration with Telangana State Council of Higher Education (TSCHE) and ICSSR on 25 July, 2015 at St. Joseph’s Degree & PG College.
9. **Mrs. T. Esther Ratna** Visited St. Joseph’s College, Bangalore, Mount Carmel College, Bangalore and Sacred Heart College, Chennai as part of orientation for CBCS.
10. **Mrs. P. Madhuri Paul** participated and presented a paper in 3-day International conference on “An Expedition towards Growth and Sustainability in commerce and management : Trends ,Challenges & Strategies” on 18th Dec to 20th December, 2016 organized by St. Josephs Degree & PG college.
11. **Mrs. P. Madhuri Paul** participated and presented a paper in 2-day 5th National Conference on “Computer Networks & Information Security (NCCNIS'16)” on 6th and 7th April 2016 organized by Vasavi College of Engineering .
12. **Mrs. K. Hari Priya** participated and presented a paper in 3-day International conference on “An Expedition towards Growth and Sustainability in commerce and management : Trends ,Challenges & Strategies” on 18th Dec to 20th December, 2016 organized by St. Josephs Degree & PG college.
13. **Mrs. Radhika Thalla** participated and presented college sponsored 3-day International conference on “An Expedition towards Growth and Sustainability in commerce and management : Trends ,Challenges & Strategies” on 18th Dec to 20th December, 2016 organized by St. Josephs Degree & PG college.

Paper presentations/Paper publications by faculty

1. **Mr. M Joseph Raja kumar** presented a paper on “Review of security policies in securing the data storage in cloud computing” , 3-day International conference held from 18th Dec to 20th December, 2016 , “An Expedition towards Growth and Sustainability in commerce and management : Trends ,Challenges & Strategies” with ISBN:978-93-85100-05-5.
2. **Mr. Ch.V.S.R. Pavan Kumar** presented a paper on “Study on E-Banking and Security ” , 3-day International conference held from 18th Dec to 20th December, 2016 , “An Expedition towards Growth and Sustainability in commerce and management : Trends ,Challenges & Strategies” with ISBN:978-93-85100-05-5.

3. **Mrs. Madhuri Paul** presented a paper on “A Perspective study on Trust and Security issues in E-Commerce Transactions” , in a 3-day International conference on “An Expedition towards Growth and Sustainability in commerce and management : Trends ,Challenges & Strategies” held from 18th Dec to 20th December, 2016 with ISBN:978-93-85100-05-5.
4. **Mrs. K. Hari Priya** presented a paper on “A Perspective study on Trust and Security issues in E-Commerce Transactions” , a 3-day International conference on “An Expedition towards Growth and Sustainability in commerce and management : Trends ,Challenges & Strategies” held from 18th Dec to 20th December, 2016 with ISBN:978-93-85100-05-5.
5. **Mrs. Radhika Thalla** presented a paper on “An Influence of social networking on E-advertising techniques – survey” , 3-day International conference held from 18th Dec to 20th December, 2016 , “An Expedition towards Growth and Sustainability in commerce and management : Trends ,Challenges & Strategies” with ISBN:978-93-85100-05-5.

Paper Setters / Members of any Bodies

Departmental Contribution to Examination Branch

Sl. No	Name of the Faculty	Contribution to the Exam Branch
1	Mrs. Kiran Jyothi	<ul style="list-style-type: none"> ➤ Additional Controller of Examinations ➤ Paper Setting ➤ Evaluation of Scripts ➤ Proof Reading ➤ Moderation ➤ Re-evaluation of Scripts ➤ Tabulation ➤ Result Analysis of respective Subjects
2	Mr. Joseph Raja Kumar	<ul style="list-style-type: none"> ➤ Paper Setting ➤ Invigilation ➤ Evaluation of Scripts ➤ Moderation ➤ Re-evaluation of Scripts ➤ Result Analysis of respective Subjects
3	Mrs. T.Esther Ratna	<ul style="list-style-type: none"> ➤ Paper Setting ➤ Supervision ➤ Observer ➤ Squad ➤ Evaluation of Scripts ➤ Re-evaluation of Scripts ➤ Result Analysis of respective Subjects
4	Mr. Ch. Pavan Kumar	<ul style="list-style-type: none"> ➤ Invigilation ➤ Evaluation of Scripts ➤ Result Analysis of respective Subjects

5	Mrs. P. Madhuri Paul	<ul style="list-style-type: none"> ➤ Paper Setting ➤ Invigilation ➤ Scrutiny ➤ Evaluation of Scripts ➤ Re-evaluation of Scripts ➤ Result Analysis of respective Subjects
6	Mrs.Radhika Thalla	<ul style="list-style-type: none"> ➤ Invigilation ➤ Scrutiny ➤ Evaluation of Scripts ➤ Re-evaluation of Scripts ➤ Result Analysis of respective Subjects
7	Mrs.Hari Priya	<ul style="list-style-type: none"> ➤ Invigilation ➤ Scrutiny ➤ Evaluation of Scripts ➤ Re-evaluation of Scripts ➤ Result Analysis of respective Subjects

FACULTY ROLES & RESPONSIBILITIES IN DEPARTMENT

Sl. No	Lecturer in-charge	Responsibilities
1	Mrs. Kiran Jyothi - HoD, CS	<ul style="list-style-type: none"> ➤ Subject allotment ➤ Preparation of Time table, Annual planner, Monthly Planners. ➤ Time-table Monitoring ➤ Scrutiny of Academic Record, Attendance Registers and Teaching Diary ➤ Staff Punctuality, Ethics, Permissions, & ➤ Work status report ➤ Prepare & Monitor academic activities ➤ Design of Curriculum and Syllabi ➤ Organizing Guest Lectures, Seminars & workshops ➤ Conduct of Certificate courses ➤ Project / Internship for UG ➤ Co-Coordinator of Computer Club ➤ Additional Controller of Examinations ➤ Class In-charge ➤ Feedback system Monitoring & Administering In-charge ➤ CBCS related work ➤ Attendance software Maintenance ➤ Project Guidance

2	Mr. M. Joseph Rajakumar	<ul style="list-style-type: none"> ➤ Computer lab in-charge(Hardware/Software) ➤ PG Syllabus preparation & Compilation ➤ Conducting Seminars & workshops & ➤ Preparation of Reports ➤ Maintaining event register ➤ Field Trip in-charge ➤ Project / Internship for UG ➤ Class In-charge ➤ Project Guidance ➤ CBCS related work
3	Mrs. T. Esther Ratna	<ul style="list-style-type: none"> ➤ Administrator ➤ Counseling Female Students ➤ Checking college mails ➤ Faculty Development Programs conducting & ➤ Preparation of reports ➤ Governing Body Meeting coordinated for the year 2015-16 ➤ Academic calendar ➤ Revised Attendance register ➤ Dean – Administration ➤ IQAC coordinator ➤ Growing Bonsai - Certificate course coordinator ➤ Free Medical Camp, Independence day, Teachers day - Coordinator ➤ Feedback report generation ➤ Prepared various formats of reporting ➤ Coordinated for Staff Orientation Programme ➤ First IQAC meeting was conducted after taking over ➤ SQAC meetings – 03 conducted ➤ Coordinated Workshop on “Implementation of CBCS in Autonomous Colleges in Hyderabad” in collaboration with Telangana State Council of Higher Education (TSCHE) and ICSSR on 25 July, 2015 at St. Joseph’s Degree & PG College. ➤ CBCS related work ➤ Project Guidance
5	Mrs. P. Madhuri Paul	<ul style="list-style-type: none"> ➤ Maintaining and updating college website content ➤ Field Trip in-charge ➤ Photo Gallery in-charge ➤ Co-coordinator of Computer Club ➤ Odd Semester Report Preparation ➤ Project Guidance

		<ul style="list-style-type: none"> ➤ Conducting Seminars & workshops & Preparation of Reports ➤ Maintaining event register ➤ Class In-charge ➤ Project Guidance ➤ Annual Report Preparation ➤ CBCS related work
4	Mrs. Radhika Thalla	<ul style="list-style-type: none"> ➤ Science Department Time-Table Preparation In-charge ➤ Department Activity Register & Events Register In-charge ➤ Class In-charge ➤ Feedback system Monitoring & Administering In-charge ➤ Department library in-charge ➤ Allotment of substitution duties ➤ Even Semester Report Preparation ➤ Minutes of Meeting maintenance ➤ Social Service Activities ➤ Remedial classes maintenance ➤ Project Guidance
6	Mrs.Haripriya	<ul style="list-style-type: none"> ➤ College Facebook Account In-charge ➤ Checking college mails ➤ Feedback system maintenance
7	Mrs.V. Sailaja	<ul style="list-style-type: none"> ➤ Class In-charge
8	Mr.Venkat	<ul style="list-style-type: none"> ➤ Attendance software maintenance ➤ Administering the Lab

Departmental Contribution to the College

Sl. No	Lecturer in-charge	Responsibilities
1	Mrs.M.Kiran Jyothi	<p>College IT Infrastructure Maintenance:</p> <ul style="list-style-type: none"> • Monitored the Entire Hardware and Software Infrastructure of the college. • Involved in maintenance and repair work of UPS, LCD Projectors, Computers and its peripherals • Involvement in maintenance and renovation of the MCA Lab • Involved in Procurement of Software like Windows OS and MS Office <p>College Website:</p> <ul style="list-style-type: none"> • Involved in the administrative aspects of website. • Involved in data updates of Examination Branch <p>College Online Feedback System :</p> <ul style="list-style-type: none"> • Maintained and made design changes to online feedback system software. • Administered feedback • Attendance software
2	Mr. RajKumar	<ul style="list-style-type: none"> • SAP Course: Promotion activities done. • Cloud application Development: Deployed & Configured Cloud and deployed students projects on the cloud.
3	Mrs. Esther Ratna	<ul style="list-style-type: none"> • Governing Body Meeting coordinated for the year 2015-16 • Academic calendar • Revised Attendance register • Prepared various formats of reporting • Coordinated for Staff Orientation Programme • SQAC meetings – 03 conducted • IQAC meetings were conducted • CBCS related work • Coordinated Workshop on “Implementation of CBCS in Autonomous Colleges in Hyderabad” in collaboration with Telangana State Council of Higher Education (TSCHE) and ICSSR on 25 July, 2015 at St. Joseph’s Degree & PG College. <p>College Online Feedback System :</p> <ul style="list-style-type: none"> • Administered feedback. • Report Generation

4	Mrs. P Madhuri Paul	College Website <ul style="list-style-type: none"> ▪ Redesigned the website with the collaboration of ClarusWeb.in developer. ▪ Manages the website content, collaborates with all department website in charges and updates the data. ▪ Maintains photographs of the college events.
5	Mrs. K. Hari Priya	College Online Feedback System : <ul style="list-style-type: none"> • Database Management Mail management: <ul style="list-style-type: none"> • Both UG and PG College mails Face book: <ul style="list-style-type: none"> • College Facebook is being maintained.
6	Mrs. T. Radhika	College Online Feedback System : <ul style="list-style-type: none"> • Administered feedback.
7	Mr. Pavan Kumar.	Biometric report and CC Camera
8	Mr. Aloysius	SAP Course Coordinated for SAP server and client installation
9	Mr. Venkat	Maintaining Attendance software

Almanac for the year 2015 - 16

Almanac for I, III & V Semesters Academic Year 2015-16

Sl. No.	Particulars	Date
1	Commencement of III & V Semester Classes	15th June 2015
2	Commencement of I Semester Classes	29th June 2015
3	I - Internal Examinations (Theory)	3rd - 5th Aug 2015
4	Certificate Course Commencement	10 th Aug 2015
4	Examination Notification	9th Sep 2015
5	II - Internal Examinations (Theory)	21 st -23 rd Sep 2015
6	Internal Practical Examination	7th -16th Oct 2015
7	Issue of Examination Application Forms	21 st -23 rd Sep 2015
8	Submission of Examination Application Forms A. Without Late Fee B. With Late Fee	28th Sep to 3rd Oct 2015 5 th -9 th Oct 2015
9	Last day of Instruction	16th Oct 2015

10	Value Education Examination for I - Semester	17th Oct 2015
11	Environmental Studies Examination for III - Semester	19th Oct 2015
12	Preparation Holidays	20th-27th Oct 2015
13	Commencement of End Semester Examinations	28th Oct 2015
14	Final Practical Examinations	16 th to 24th Nov 2015

Almanac for II, IV & VI Semesters

Academic Year 2015-16

Sl. No.	Particulars	Date
1	Commencement of II,IV & VI Semester Classes	25th Nov 2015
2	Christmas Holidays	24th Dec 2015 – 3rd Jan 2016
3	I - Internal Examinations(Theory)	7th – 9th Jan 2016
5	Examination Notification	10th Feb 2016
6	II - Internal Examinations(Theory)	22 – 24th Feb 2016
7	Internal Practical Examination	9th –17th March 2016
8	Issue of Examination Application forms	23th -26th Feb 2016
9	Submission of Examination Forms A. Without Late Fee B. With Late Fee	25th Feb to 5th March 2016 8th – 12th March 2016
10	Last day of Instruction	17th March 2016
11	Indian Heritage and Culture Examination for II - Semester	21st March 2016
12	Science & Civilization Examination for IV - Semester	22 nd March 2016
13	Preparation Holidays	23 rd -29th March 2016
14	Commencement of End Semester Examinations	30th March 2016
15	Final Practical Examinations	22nd – 28th Apr. 2016

Orientation Programme for students

Date	:	29 th June, 2015
In-charge/Coordinator	:	Mrs. M.Kiran Jyothi
Venue	:	Language Lab
Resource Person	:	Mrs. M. Kiran Jyothi
Target Group	:	First Year Students of B.Com, B.Sc & BBA.
Objective	:	To groom the students into world class Computer Professionals

About the Activity:

A presentation was shown to the audience that showcased the inception of computer science department in the year 1997. The main point discussed was the events conducted by the Department and the club called “POWER BYTES” organized by us. A brief introduction of the staff in the Department was given. The following points were covered in the presentation. Mrs. M. Kiran Jyothi, HoD, St. Joseph’s Degree College briefed the students about examination pattern in autonomy.

- Factors of Academic Success
- Academic Difficulty
- Student Contribution
- Teaching and learning practices
- Seminars/workshops conducted for students
- Joseph’s software development cell (JSDC)
- Students placements services
- Student support services
- To introduce the academic structure.
- To acquaint with the college rules & guidelines.

First year students often feel ill-equipped academically and emotionally, hindering their integration and adjustment into college life. A standardized orientation program for first year undergraduate students organized focusing on peer and academic support based principles, assisting commencing students to achieve a smooth transition from intermediate level into university level under graduation programme. We introduced activities which are focused on information for the first year like curricular activities, certificate courses, incorporation of Alumni student interaction, computer club.

Bridge Course/ Remedial Classes conducted

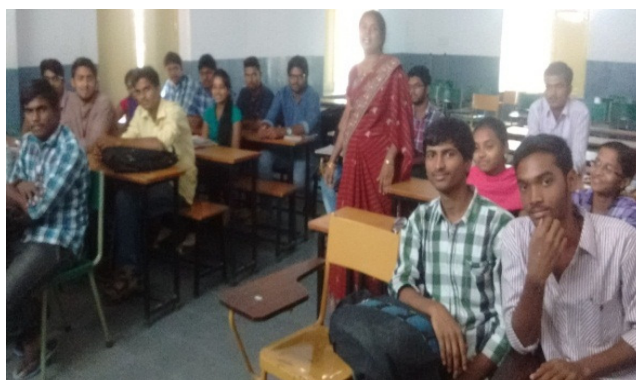
Date	:	11 th Feb 2016 18 th Feb 2016
Coordinators	:	Mrs.KiranJyothi

Mrs. EsterRatna
Mrs.T.Radhika

Target group : All First Year UG Students
Venue : Respective Class Rooms
Objective : Focusing the students, how to project in the exams.

About Activity:

The Department of Computer Science conducted Remedials for 1 hour duration for 15 days for the first year UG students B.Sc (MPCS/MSCS/MECS) which includes fundamentals of Computers and OOPs using C++ to the students who are poor in the subjects and also to the enthusiastic students.



Innovative teaching learning practices

- Lecture method
- Hands on experience
- Project Method
- Peer-to- peer Learning
- Student Seminars
- Assignments
- Case study
- Problem Solving Skills
- Experiential learning
- Collaborative Learning
- Audio-Visual presentations through LCD

Best Practices/ SWOT Analysis of the department

Best Practices of the Department

❖ Curriculum

- Practical orientation
- Electives
- Internship /Project
- Certificate Courses

- Inter disciplinary Course
- ❖ **Teaching Learning Process**
 - Orientation Programme
 - Catering to diverse learning needs
 - Bridge Course
 - Tutorials
 - Remedial Classes
 - Solving Case Study
- ❖ **Teaching Methodologies**
 - Lecture method
 - Hands on experience
 - Project Method
 - Student Seminars
 - Assignments
 - Experiential learning
 - Audio-Visual presentations through LCD
- ❖ **Co Curricular Activities**
 - Club Activities
 - Informatique Exhib
 - Field visits
 - Workshops/Guest lectures
 - Josephiesta

SWOT Analysis of the Department

Strengths

- ✓ Regularly organizing guest lectures and student's seminars
- ✓ Conducts computer awareness programmes for staff
- ✓ Caters to needs of all courses
- ✓ Maintains the IT infrastructure of the College
- ✓ Maintains the Attendance Software of the college
- ✓ Potential to develop programme for structured student feedback questionnaire and analysis.

Weaknesses

- ✓ Below average students
- ✓ Research activities
- ✓ Industry interaction
- ✓ Live projects
- ✓ Recruiting and retaining quality teachers.

Opportunities

- ✓ To enhance hands on experience
- ✓ Exposure of students to more career opportunities and entrepreneurship
- ✓ Optimal utilization of infrastructure
- ✓ Identifying New Courses

Challenges

- ✓ To increase the intake capacity for courses like BSc(NHAEM)
- ✓ To find skilled hardware technicians

Guest Lectures/ Seminars/ Workshops organized for students

ACTIVITIES ORGANIZED FOR STUDENTS

S.No	Date of the Event	Event Details	Resource Person/ Coordinators
1	15 June 2015	Orientation Programme for First Year students	Mrs. M. Kiran Jyothi
2	13 August 2015	Computer Club Activity	Mrs. P. Madhuri Paul, Asst. Professor
3	3 Sep,2015	Guest Lecture on “Career perspective in Hardware and Networking”	Mr. M. Joseph Rajakumar Associate Professor
4	04 Sep, 2014	Informatique Exhib’ 2015 A Computer Fair for all first year (UG) students.	All the Dept members coordinated Judges: 1. Mrs.L.M Priya 2. Dr.Bharathi
5	8 Sep, 2015	International Literacy Day Programme	Faculty Coordinators: All Computer Science Faculties
6	11 Sep,2015	Industrial Visit to ISRO, Sriharikota, Nellore	Visit Coordinator: Mrs. P. Madhuri Paul, Asst. Professor Faculty Accompanied: Mr. HenryAustin, Librarian
7	19 Sep, 2015	Alumni Association Meet - 2015	Coordinator: Mr. M. Joseph Raja kumar
8	22 Sep,2015	Parent Teacher Meet -I For all UG Students	Coordinators: Mr. Joseph Raja kumar Mrs.T.Radhika
9	13 Oct 2015 – 15 Oct 2015	Online Feedback-Odd Semester is taken by all the UG students	Coordinators: Mrs. Kiran Jyothi Mrs. T. Esther Mrs. T.Radhika Mrs.Haripriya
10	30 Jan, 2016	Parent Teacher Meet –II For all UG Students	Coordinators: Mr. Joseph Raja kumar Mrs.T.Radhika
11	16 Feb 2016	Online Feedback –Even Sem is	Coordinators:

	– 18 Feb 2016	taken by all the UG students	Mrs. Kiran Jyothi Mrs. T. Esther Mrs. T.Radhika Mrs.Haripriya
12	27 Feb, 2016	JSR Activity: Visited Durgabai Deshmukh Mentally Retarded school students by I B.Sc Students	Coordinators: Mrs.T.Radhika Mrs.Haripriya
13	27 Feb,2016	JSR Activity: Visited Aadharana Orphan Home for Girls at Sarornagar by III B.Sc Students	Coordinator: Mrs. Madhuri paul
14	8 March, 2016	Project Guidance	All the faculty of Computer Science Department
15	25 Feb , 2016	Group Discussion about Cybercrime on Women	All the faculty of Computer Science Department
16	26 Feb 2016	Women Empowerment Program	All the faculty of Computer Science Department

Computer Club Activity

Date & Time	: 13 th August 2015 @ 1.30PM – 2.30PM
Venue	: Seminar Hall - II
Topic	: “Upcoming Technology Innovations in Computer Science – A study tour”
Resource Person	: Mrs. P. Madhuri Paul, Asst. Professor Dept. of Computer Science

The Department of Computer Science conducted a activity on “Upcoming Technology Innovations in Computer Science – A study tour” as a part of Computer Club activity. This activity enhanced the latest and the upcoming technology innovations in the field of Information & Technology covering the areas like medicare, cars, bikes, sensors, robotics & mobile technologies.

Students got a sound knowledge of which technology plays a vital role in human mankind and the area that they are interested to explore on. The videos related to each technology is shown to the students to educate them with the devices and their working process and the futuristic studies related to it. The resource person covered the technologies like Google Glass, Hybrid operating rooms, digestible sensors, the orderly robot, a health check chair, fingertip surgery, Self driving car by Google, Self parking Audi car, flying car by Aero mobile, Solo – The Smart Drone in 3D Robotics, Mercedes Benz – the future truck 2025, SPOT – A four legged robot, Hover bike, 3D printer, etc.

It was a spectacular study tour for the students and they inspired to be a part of the computer club and take part actively in the forth coming club activities.

Guest Lecture on “Career perspective in Hardware and Networking”

Resource Person : Mr. Ranveer
Sr. Admin
AT & T, Hyderabad

Coordinator : Mr. M. Joseph Rajakumar
Associate Professor

Date : 3rd September 2015

Report:

The guest lecture on career perspective in Hardware and Networking was organized by the department for the final year students of NHAEM and B.Sc (Networking students). The resource person Mr. Ranveer is an alumni of MCA course in St. Joseph’s PG College, had delivered a talk on career opportunities available in industry and the preparedness of our students by enhancing various industry required skills. He had covered spectrum of opportunities available in networking fields and provided tips to improve upon both academic inputs and technical skill sets.

The students were enlightened with the inputs given by the resource person and they were interacted with him on different current technologies.

World Literacy day Celebration-2015

Venue: Ground floor – St.Josephs Degree & PG College

Date : 9th September 2015

Time : Afternoon Session

The Department of Computer Science in collaboration with the Department of English conducted a literacy workshop for the support staff of the college on 9 September to coincide with the World Literacy Day. Under the guidance of Mrs. Esther Ratna, Dean Administration & Mrs. T. Radhika, Assistant professor, Department of Computer science, the B.Sc students- Mr. Surya Teja B.Sc II & Miss. Prashanthi B.Sc final year,



conducted a session on the Basics of Computer usage in day to day functioning. The topics dealt was creation of Gmail account, online ticket booking etc. The programme concluded with a positive feedback from the participants who recorded

appreciation for the inputs received and requested for more such programmes to be conducted in future.

Industrial Visits / Experiential Learning (Exhibs)

Industrial Visit to ISRO, Sriharikota, Nellore

Department of Computer Science Organized a one day Industrial Visit to ISRO, Sriharikota on 11th September 2015 for the students of B.Sc first, second and third year and B.Com third year. The visit started on 10th Sep 2015 at 7PM from Hyderabad by Telangana Tourism Bus and reached the next day on 11th September 2015.

Two faculty members, the bus crew (2 drivers) accompanied 31 students to visit ISRO. After all the formalities, security checks, authentication process to enter the Satish Dhawan Space Centre (SDSC), Sriharikota Range (SHAR) is finished the visit started around 11AM and continued till evening 6PM.

We visited all the facilities available in SDSC- SHAR accompanied by 3 Guides, starting from Space Museum, the SDSC Library, the Mission Control Center where the satellite operations for launching happens, followed by propellant filling stations, first launching pad, second launching pad, Satellite Signal station, the forest range, wild life sanctuary and the sea around the island of SHAR.

The security standards inside SHAR are very strict, where the mobile phones, cameras, transistors, recorders or any other communication gadgets were not allowed to carry us. When we are visiting all the facilities at SHAR it took at least 6 to 8kms from one facility to the other. So it was around 50 to 65kms that we visited all the facilities inside SHAR.





As one of the employees of SHAR came as a guide with our College we are given a special permission to few of our students and the faculty members to visit the top floor of the second launching pad (62nd floor) and view the whole tower with all the instrumentations ready for assemble the rocket and satellite. That's an amazing experience for everyone who went up to see the launching pad.

We had our breakfast, lunch and snacks at Aryabhatta Canteen in SHAR ordered before the visit commences and the food was very hygienic and tasty. We started back from SHAR at 7.30PM in the evening with an overnight journey we reached Hyderabad at 12PM on 12th Sep 2015. It was a very adventurous, technological and wonderful experience for all us who accompanied the Visit.

Visit Details:

- **Visit Coordinator** : Mrs. P. Madhuri Paul, Asst. Professor
- **Faculty Accompanied** : Mr. Henry Austin, Librarian
- **Amount per student** : Rs. 3000/-
- **No. of Students visited** : 31 Students
- **Courses** : B.Sc (MPCs/MSCs/MECs) – I/II/III Year & B.Com (Comp) – III Year
- **Bus Crew** : One bus pilot and one driver
- **Guides from ISRO** : 3 Guides
- **Total Kilometers Travelled** : 1215kms
- **Total no. of hours** : 44 hours (One day, 20 hours)

Informatique Exhib' 2015 - A Computer Fair

Date	: 16th September, 2015
Time	: 9:00AM - 2:00PM
Venue	: Joseph's Hall
Organized by	: Department of Computer Science
Target Group	: I Year UG Students of B.Com (Gen), B.Com (Comp), B.Com (Hons), B.Com (Prof), B.B.A(IT), B.B.A, B.Sc (M.P.Cs/M.E.Cs/M.S.Cs)

Objective:

The participants selected a category like Hardware/Software/Networking from the computer era and prepared the following:

- A model of the device explained through charts.
- Banner Explanation.
- PowerPoint Presentations on Software topics like Apps and Prepared Software.
- Hardware presentations exploring the parts of devices like Projector, Mother Board, CPU and so on.
- Physically showing the connectivity of the Networking Devices.

Report:

Mrs. P. Madhuri Paul, the MC of the programme welcomed dignitaries Rev.Fr.Vincent Arokiadas - Principal, Rev. Fr.Richard Assistant Principal, Mrs. M. Kiran Jyothi- HoD of Computer Science, Mr.Joseph Raja Kumar senior faculty member for the Computer Fair "**Informatique Exhib – 2015**".

The opening prayer was offered by Rev.Fr.Richard, Vice-Principal. Rev.Fr.Vincent Arokiadas - Principal, addressed the gathering that every student should also know the inside functionality of Computer. He appreciated the participants and also the Dept. of Computer Science for conducting such an excel event. Mrs. M. Kiran Jyothi spoke that this event enhances the students' knowledge beyond the curriculum' in different categories. Mr. M.Joseph Rajakumar talked on the continual exploration of technology and also encouraged the students to participate in inter-college activities and bring laurel to college and your-self.

There were 23 teams from the first year students of B.Com (Gen), B.Com (Comp), B.Com (Hons), B.B.A, B.B.A(IT), B.Sc (M.P.Cs/M.E.Cs/M.S.Cs) participated in this event.

Group Discussion on “Cyber Crime against Women”

Date	: 25 th February, 2016
Time	: 1:00PM - 3:00PM
Venue	: Ground floor lab
Organized by	: Department of Computer Science
Target Group	: B.Sc (M.P.Cs/M.E.Cs/M.S.Cs) –I, II,III Years

Department of Computer Science organized a Group Discussion on “Cyber Crime against Women for B.Sc Students. Nearly 20 Students participated in this group discussion. Students expressed their views extraordinarily and were involved in projecting their ideas about the topic. The students who exhibited extraordinary performance are been selected for participation in the Panel Discussion organized by St. Joseph’s Degree & PG College and Narsee Monjee Institute of Management Studies in collaboration with “Sankalp Foundation”

Panel Discussion on “Cyber Crime against Women”

Date	: 26 th February, 2016
Time	: 1:00PM - 3:00PM
Venue	: Language Lab
Organized by	: Department of Computer Science and Narsee Monjee Institute of Management Studies in collaboration with “Sankalp Foundation”
Target Group	: UG & PG Students of St. Joseph’s Degree & PG College

Department of Computer Science and the students of Narsee Monjee Institute of Management Studies in collaboration with Sankalp Foundation” organized a Panel discussion on “Cyber Crime against Women” on 26th February 2016 in view of Women’s Day celebrations. All the panelists actively participated in the discussion and have expressed their views on the advent of information technology and internet, cybercrimes with the all the benefits of anonymity, reliability and convenience on issues against women. They have also emphasized that with the increasing popularity of chat rooms and vulnerability of personnel data to criminal access, women in India have becoming soft targets of variety of cyber crimes such as pornography, sexual defamation, spoofing, morphing of the images of women, hacking passwords of the accounts, masquerading the confidential information through the cyber net. The Panel Discussion was moderated by the students of Narsee Monjee Institute of Management Studies. The coordinators from “Sankalp Foundation” also shared their views and real time examples which was eye opener for the participants..

Seminar on “Project Guidance”

Date : 8th March, 2016
Time : 1:00PM - 3:00PM
Venue : Ground floor lab
Organized by : Department of Computer Science
Target Group : B.Sc (M.P.Cs/M.E.Cs/M.S.Cs) – III years

Mrs.Kiran Jyothi, HoD,CS, organized a seminar on “Project Guidance” for B.Sc III year students. The Seminar covered different phases of SDLC and students were been given inputs on how to prepare the Final Project Report .

JSR Activities by students

Visit to DurgabaiDheshmukh Mentally Retarded School @ Vidyanagar



Event : JSR Activity - I
Date : 27th February 2016

Faculty Coordinators:

1. Mrs.T.Radhika,
2. Mrs.Lavanya
3. Mrs.K.HariPriya

Target Group : I B.Sc (MPCs, MECs & MSCs) / II Semester



Students of **B.Sc (MPCs, MECs & MSCs) I Year** visited Durgabai Dheshmukh Mentally Retarded and physically Handicapped School located at Vidya Nagar on **27th February 2016** as part of Josephs Social Responsibility activity . They spent all the day with them conducting different competitions like drawing, games, storytelling, chess, carroms and other activities in the morning session. Our Josephietes sponsored Notebooks, pencils, crayons, biscuits and fruits to MRPB children in the afternoon. The visit helped the students to realize that they need to be more responsible and sensitive towards society.



They spent all the day with them conducting different competitions like drawing, games, storytelling, chess, carroms and other activities in the morning session.

Our Josephietes sponsored Notebooks, pencils, crayons, biscuits and fruits to MRPB children in the afternoon. They spent time with children finding out their requirements and their views on the activities conducted during that day. Faculty of that school responded well and gave a positive feedback that the day was memorable and asked to conduct such type of events in regular.

List of Students Placed in different companies

S.No	Company Name	No. of Students got placed
1	Wipro	5
2	Amazon(BPO)	5
3	Hinduja Global Solutions (KPO)	3
4	Virtusa	3
5	Infosys	7
6	Tech Mahindra	4
7	Genpact	1

Result Analysis

I YEAR / I SEMESTER – B.Sc & B.Com					
S.No	Course	Subject/ Title	Faculty	No. of Distinctions	Pass Percentage
1	B.Sc (MECs)	Fundamentals of Computers & Programming in 'C'	V.Shailaja	6	62%
2	B.Sc MSCs	Fundamentals of Computers & Programming in 'C'	V.Shailaja	8	62%
3	B.Sc MPCs	Fundamentals of Computers & Programming in 'C'	V.Shailaja	1	65%
4	B.Com(General)-IA	Fundamentals of IT	K.Haripriya	15	97%
5	B.Com(General)-IB	Fundamentals of IT	K.Haripriya	19	98%
6	B.Com(Comp)-IC	Fundamentals of IT	K.Haripriya	30	100%
7	B.Com(Comp)-ID	Fundamentals of IT	K.Haripriya	35	100%
8	B.Com (Hons)-IH	Fundamentals of IT	JosephRajkumar	14	97%
II YEAR / III SEMESTER – B.Sc & B.Com					
S.NO	Course	Subject/ Title	Faculty	No. of Distinction	Pass Percentage
1	B.Sc (MPCs)	Datastructures using C++	V Shailaja		
2	B.Sc (MECs)	Datastructures using C++	V Shailaja		
3	B.Sc (MSCs)	Datastructures using C++	M Kiran Jyothi		
4	B.Sc (NHAEM)	Operating Systems	T.Radhika	1	73%
5	B.Com(Comp)-IIC	RDBMS - I	EsterRatna		
6	B.Com(Comp)-IID	RDBMS - I	EsterRatna		
7	B.Com (Honors-IDS)	E-Commerce	Mrs.Madhuri Paul	31	100%
III YEAR / V SEMESTER – B.Sc & B.Com					
S.NO	Course	Subject/ Title	Faculty	No. of Distinction	Pass Percentage
1	B.Sc(MECs)	Modern Database Management Systems	T.Radhika	8	80%
2	B.Sc(MPCs)	Modern Database Management Systems	T.Radhika	1	65%
3	B.Sc(MSCs)	Modern Database Management Systems	T.Radhika	8	80%
4	B.Sc(MECs/MSCs/MPCs)	Web programming -I	P.Madhuri Paul	7	75%
5	B.Sc(MECs/MSCs/MPCs)	Networks	M.Joseph Raja Kumar	-	82%
6	B.Sc(NHAEM)	Computer Networks and Cyber Security	M.Joseph Raja Kumar	1	63.5%

7	B.Sc(NHAEM)	Windows Server Admin	M Kiran Jyothi		
8	B.Com(Comp) IIID	Web Programming	P. Madhuri Paul	17	97%
9	B.Com(Comp) IIIC	Web Programming	P. Madhuri Paul	13	93%

Academic performance/ Prizes won

B.Sc (MPCs) - Academic years 2014-15 and 2015-16

SEMESTER - I				
Description	Rollno	Name of the student	Subject	Marks
Centum	13468019	P.Ravi Raja Chowdary	Physics	60
Topper	13468019	P.Ravi Raja Chowdary	Overall	95%
SEMESTER - II				
Description	Rollno	Name of the student	Prize	Marks
Centum	13468019	P.Ravi Raja Chowdary	Physics	60
Topper	13468019	P.Ravi Raja Chowdary	Overall	97%
Attendance	13468019	P.Ravi Raja Chowdary	Attendance	100%
SEMESTER - III				
Description	Rollno	Name of the student	Prize	Marks
Centum	13468019	P.Ravi Raja Chowdary	Physics	60
Centum	13468019	P.Ravi Raja Chowdary	Mathematics	60
Overall Marks	13468019	P.Ravi Raja Chowdary	Overall	99.8%
SEMESTER - IV				
Description	Rollno	Name of the student	Prize	Marks
SEMESTER - V				
Description	Rollno	Name of the student	Prize	Marks
Centum	13468019	P.Ravi Raja Chowdary	Physics	60
Centum	13468019	P.Ravi Raja Chowdary	Mathematics	60
Overall %	13468019	P.Ravi Raja Chowdary	Overall	99.8%

Informatique Exhib' 2015 Winners List

S.N	Prize	Name of the Student	Class and Roll No.	Name of the Device
1	1 st Prize	Aslam	B.Sc (MSCS)- I year	NFC
		Vamshi	B.Sc (MSCS)- I Year	
2	2 nd Prize	Md. Mustajeeb	BBA (IT) – I year	Software App
		Md.Owais	BBA(IT)-I Year	
3	3 rd Prize	Mehul	B.Com(Hons)-I Year	Virtual Reality
		Vittu	B.Com(Hons)-I Year	
4	Consolation Prize (based on everyone's feedback)	Mir Yahya Ali-	B.Com-I year (1C)	Team Viewer
		C. Lakshmi Narayan	B.Com-I Year (IC)	
		Nihal Karode	B.Com(Comp)-I Year (IC)	

Certificate Courses Offered

DYNAMIC WEBSITE DEVELOPMENT

➤ **Objective of the Certificate Course:**

This course will give students opportunity to develop basic websites and self-employability. Students will be equipped with the fundamentals of HTML which includes understanding of HTML and XHTML, create web page, link one web page to another and publish HTML pages. The certificate course also entails the basics of CSS/CSS3 Programming for Absolute Beginners, which includes style sheet usage, external style sheet, text properties, styling elements and more. Upon completion of the certificate course, the participant will be able to identify how a high designer will code the website and would be able to understand the essence of coding language.

➤ **Duration:** 30 Hours (In-house)

➤ **Instructors / Course Coordinators:**

1. Mrs. P. Madhuri Paul
2. Mrs. V. Shailaja

➤ **Syllabus:**

- | | |
|--|---|
| 1. Module – I (Basic HTML) | - Mrs. P. Madhuri Paul |
| 2. Module – II (Advanced HTML Options) | - Mrs. V. Shailaja |
| 3. Module – III (CSS & Website Publishing) | - Mr. Mahesh (Resource Person from Verticle Technologies) |

➤ **Evaluation Method:**

1. After the completion of course, we conduct an Objective Test for 30 marks in the above mentioned modules and will evaluate the scripts. According to the qualifying marks we issue the certificate to the student.
2. Attendance of the students in the course is strictly followed to issue the certificate at the end of the course.
3. Feedback is taken at end of the course, about any suggestions/improvisations in the course are required.

- **Course Fee** : Rs. 1500/-
➤ **Batch Size** : Minimum of 60 students
➤ **No. of Registrations** : 60

MS-EXCEL CERTIFICATE COURSE

- **Objective:** The Microsoft Certification program provides an edge to the Students who look for Career immediately after their graduation and those who head for Post-Graduate Program in abroad.

➤ **Syllabus:**

- Creating, Managing, Navigating, and Formatting Worksheets and Workbooks
- Worksheet and Workbook Customization and Views
- Printing and Saving Workbooks
- Inserting and formatting cells and ranges
- Ordering and Grouping Cells and Ranges
- Creating, Modifying, Filtering, and Sorting Tables
- Working and Summarizing Data with Formulas and Functions
- Using Conditional Logic
- Formatting and Modifying Text with Functions
- Creating and Formatting Charts
- Inserting and Formatting Objects

- **Duration:** 6 days training (3hrs per day) & a day for mock test followed by Online-Exam through Microsoft Website

- **Course Fee:** Rs. 2000/- (which includes Training and Online Fee payment for the module)

- **Batch Size** : Minimum of 60 students

- **No. of Registrations** : 60 (Training was provided by Microsoft Certified Professional from Pixa Core)

➤ **Instructors / Course Coordinators:**

1. Mrs. E.Sushma
2. Mr Aloysius

BONSAI CERTIFICATE COURSE

- **Instructors/Course Coordinators:** .Mrs. Ester Ratna

“HARDWARE & NETWORKING” CERTIFICATE COURSE

- **Objective:** The Hardware & Networking Certificate course provides a platform to troubleshoot the computer, network related issues, installations, formatting and other technical issues in the domain of computer hardware.
- **Syllabus:**
 - Introduction to Computer Hardware Peripherals & Types, Configuration & Settings,
 - Computer Hardware- Motherboard-CPU -Random Access Memory - Optical Drives -Floppy Disk -Hard Disk – SMPS.
 - Components of HDD & Motherboard, BIOS settings, Troubleshooting, HDD Partitioning, Boot Sequence.
 - Operating System & Types of operating system, Network & Networking, Types of networks,
 - Components of Network, Classes TCP/IP Address & DNS.,
 - Analog & Digital electronics and Circuit Analysis
 - Analog Electronics - Passive & Active Components like Resistors, Inductors, Capacitors, Transformer, Diode, and Transistor. Digital Electronics - Logic Gates, Boolean algebra, Binary Arithmetic.
 - Assembling PC & Installing OS
 - Computer Assembling, OS Installations & Configuration, Port Settings- Serial, Parallel, USB,
 - Maintenance & Computer Virus. Trouble shooting of OS, Device Drivers (Modem, Display, Printer, Sound, etc.).
- **Duration:** 30 hours
- **Course Fee:** Rs. 1500/-
- **Batch Size** : Minimum of 60 students
- **No. of Registrations** : 57
- **Course Coordinator:**
 1. Mr. Joseph Rajakumar
 2. Mr. Pavan Kumar
 3. Mr. Aloysius

Fresher's Day

Name of the activity	:	Fresher's Day –Bella Accolienza
Date	:	26 th July 2015
Venue	:	Bharathiya Vidya Bhavan
About Activity	:	A warm note of welcome and cheer greeted the first year UG Students to Organized by the Second and Final Year UG

Students on 26th July 2015. The program started with prayer song by College Choir **Anna Domini** followed by classical dance welcoming the fresher's.



Parent-Teacher Meet

Parent-Teacher Meeting

- Date** : 22nd August 2015 & 30th January 2016
- Target group** : All UG Students
- Class In charges** : Mrs. T. Radhika (B. Sc II Year (NHAEM))
Mrs. T. Radhika (B. Sc I Year (M.S.Cs))
Mr. M Joseph Raja Kumar (B. Sc III Year (NHAEM))

Suggestions/Feedback from Parents:

1. The parents suggested to conduct parent-teacher meet frequently.
2. They appreciated the management for providing quality education for their wards.
3. They also requested to send SMS about student attendance status daily basis.
4. Some parents appreciated the management and faculty for conducting events that focused on overall development of the student, Placement Support, discipline maintained by the college.
5. Parents were happy and satisfied about the infrastructure and facilities available in the campus.
6. Parents proposed to have a high end curriculum to meet the competitive world.

EVENTS LIST CONDUCTED BY THE DEPARTMENT

S.No	Event	Description
1	IT QUIZ	Faculty in-charge: Mrs.T.Radhika & Mrs. K.Haripriya Winners: Mr. Md.Musthafa & Nisar from St.Joseph's college Activity: DURATION: 45 Minutes <u>Round 1:</u> Participants need to answer the Multiple choice Questions.(MCQ's) <u>Round 2:</u> Participant need to identify the picture/logo given <u>Round 3:</u> <ul style="list-style-type: none">➤ Rapid Fire Round .➤ In this round the questions will be ask for 10 questions and need to answer in 5 minutes.
2	Web Design	Faculty in -charge: Mrs.Madhuri Paul & Mr.Joseph Raja Kumar Winners: Activity: On spot the concept will be given and the students have to design the Home Page.

Independence Day Celebrations-2015

Date : August 15th, 2015

Venue : St. Josephs College

Vibrant display of patriotism marked the 69th Independence Day celebrations at St. Josephs college. While the NSS guard of honour lent pomp and glory to the ceremony, the patriotic songs and dances, followed by a thought provoking one act play and zealous speeches made by the students in Telugu ,Hindi and English stirred the patriotic feeling of the gathering. Major Siddharth, the chief guest for the day, hoisted the National Flag and delivered an inspirational speech wherein he entreated the students to be responsible citizens as he said that we are born of two mothers, i.e. biological mother and mother land and we need to take care and protect her just the way we take care of our biological mother.

The Department of Computer Science Mrs. Esther Ratna and all the faculty took a vital Role to Organize the Occasion Successfully and ended the programme with sweets distribution.

Alumni Meet -2015

Date : 19th September 2015
Venue : Joseph's Hall
Coordinator : Mr. M. Joseph Raja Kumar

“**Alumni Association Meet – 2015**” was held on 19th September 2015 at Joseph's Hall for the Degree & PG Courses. There were twenty-five alumni members attended the meet and shared their views to the students and staff. The program was started with prayer by Rev. Fr. Richard, Vice-principal, followed by prayer song sung by college choir. Mrs. Aparna Sathe, MC of the program gave an introductory talk of the significance of Alumni Association Meet.

Rev. Fr. Richard, for President of alumni meet, appreciated the alumni members of their immense support in framing syllabus, technical inputs for students and staff, providing placement opportunities to our students, active participation and valuable suggestions during BoS meetings, admissions into various courses, suggestions on improving quality education and help rendered for preparing industry-ready curriculum design. He thanked them for their continue support and service towards the growth of this institution. Mr. Michael, Vice-president gave a motivational speech about the alumni association and their functioning. He also appreciated the management for giving him opportunity to pursue the right course at right time which helped him to achieve his career growth.

The students of B.Sc performed cultural programme and entertained the alumni members. Finally the formal vote of thanks proposed by Mr. M. Joseph Rajakumar, Convener, Alumni Association committee from computer science Dept . The program was concluded with group photograph and high tea.

Teachers Day Celebrations

Date : 5th September
Venue : Joseph's hall

Teachers Day Celebrations at St. Joseph's Degree & PG College on 5 Sept, 2015 was a grand event, Conducted by Administrative Dean of the college Mrs.T.Esther Ratna and faculty Mrs. Rithika under the guidance our Beloved Principal Rev.Fr Vincent Arokiadas gracing the occasion to bless and congratulate the teaching and the non-teaching staff and their families for their dedication and extraordinary contribution towards the growth for the Management.

Teachers day has a special significance for teachers as St. Joseph's is an apostle of hard work and dedication.

As the vibrant young Principal Rev Fr. Vincent Arokiadas welcomed and cheerfully mingled with the staff. They conducted the games like anthakshari, carving vegetables, monoactions,etc,. Everyone participated and enjoyed the fragrance with blissful prizes for the winners

The teaching staff was acknowledged with gifts of Appreciation, for there constant support for the college.

2nd Convocation Ceremony - 2015

Date : October 17th, 2015

Venue : The auditorium of St. Mary's College, Secunderabad.



The auditorium of St. Mary's College, Secunderabad, gushed with the feelings of pride and gaiety as about 320 students of the St. Joseph's Degree and PG College received their certificates of graduation, awards and medals during the 2nd Convocation Ceremony conducted by the college on the evening of October 17th, 2015.

Students from various B.Sc(MPCs/MECs/MSCs) received awards and medals for their academic excellence from Most. Rev. Thumma Bala, Archbishop of Hyderabad. Most. Rev. Bala asked the students to be great contributors to the community, the society and to the world by their virtue and knowledge.

Rev. Dr. Valson Thampu, Principal of the prestigious St. Stephen's College, Delhi, was the chief guest of the ceremony. Speaking at the event, Rev. Dr. Valson said "In these times when some of the youngest, brightest and most extremely talented minds are getting disenchanted, disillusioned and coming to grief so quickly, I urge you to please take care of yourself and find your happiness by committing yourself to the task of achieving the fullness of life."

Prof. G. Bhikshamaiah, CoE, OU who was the Guest of Honour, asked the students not to stop with Under-Graduation but to keep pursuing higher education for enlightenment and empowerment.

The event ended in fervor as the students tossed their caps in air bidding adieu to one the most memorable part of their lives.

BoS Meeting Report

Venue: Conference Hall, Osmania University

Date: 31 March, 2016

Time: 11.00 AM to 2.00 PM

The BoS Meeting of the Department of Computer Science was held on 31st March 2016 in the Conference Hall, Osmania University at 11.00 AM. The Chairman - BoS, Mrs. M. Kiran Jyothi, St. Joseph's Degree & PG College welcomed the BoS members.

Meeting started with a word of prayer by Mrs. M. Kiran Jyothi HoD, St. Joseph's Degree & PG College. The Agenda for the meeting was read by the Chairman. Minutes of previous meeting was read by the Chairman and were approved by the members.

Resolutions passed in BoS Meeting - Computer Science

- It was resolved to approve B.Sc (MPCs/MECs/MSCs) V & VI Semester Syllabus from 5 Units to 4 Units for the admitted batch 2014–17 with the following suggestions
 - ✓ To introduce the topic 'Transparency issues' in Unit-I of the paper Advanced Database Management System in semester VI
 - ✓ To introduce the topic ' Introduction to Scripting languages' in Unit II of the Paper Web Programming-II in Semester VI.
 - ✓ To introduce the topic 'FSK, PSK & ASK' in Unit III of paper Computer Networks in Semester V.
 - ✓ To include the topic “Shell Scripting” in unit-IV of Paper Operating System in Semester VI.
- It was resolved to approve B.Sc (MPCs/MECs/MSCs) III & IV Semester of CBCS Syllabus for the admitted batch 2015 – 18.
- It was resolved to approve the course structure of B.Sc (MPCs/MECs/MSCs) and Syllabus of I & II Semester of CBCS for the admitted batch 2015 – 18 as per the UGC Guidelines with Object Oriented Programming as Paper I and Data structures & File processing as Paper II.
- It was resolved to approve the syllabus of Inter Disciplinary courses offered to BBA & B.Com Courses with the following suggestions
 - ✓ It was suggested to add Dynamic Features in PowerPoint and suggested to remove the MS-Access for B.Com students.
 - ✓ It was suggested to remove the topic “Data Security from unit-II of paper Database Management System .
 - ✓ It was suggested to introduce “Risk factors/Risk analysis/Risk avoidances” in the Unit V of paper Management Information System of BBA(IT).

- It was resolved to approve Question Paper Pattern for Internal Exam, External Exam, Project and the Panel of External Examiners with the following suggestions
 - ✓ It was suggested to include Mrs.Chitra, Osmani University , Mr.Bhaskar, Bharatiya Vidya bhavan, Dr.Aruna, HRD College and Mrs.Ramani,AMS
 - ✓ It was suggested to include Project Presentation as a component in Project Evaluation.
- It was resolved to approve that SEC papers will be for 50 marks and evaluation pattern is same as other Core & DSE papers.
- Mrs. Kiran Jyothi, BoS Chairman thanked all the BoS members for their valuable suggestions.The meeting concluded at 2.00 P.M

Future Plans of the Department

- Do gain unique identity for the Department by conducting Seminars, Workshops Guest Lectures that enhances the scientific temperament in Students and Faculty
- To encourage and direct Faculty and students towards Paper Presentations, Minor Projects and PhD's.
- Encourage, motivated and guide students to pursue projects in the field of Computer Science.
- Organize Institution Industry Interaction programmes, and Industrial Visits.
- Conduct International Seminars in the Vital Domains.
- To start New Courses or enhance the syllabi of existing courses such that the intellectual capabilities of the Faculty and the IT infrastructure of the College is put to optimum utilization.
- Augment Consultancy Service

Summary of student centric activities & FDP

S.No	Details of Activities	No. of Activities Organized / Attended
1	Workshops Conducted	2
2	Guest Lectures / Seminars Organized and Attended	8
3	Faculty Development Programmes Organized & attended	4