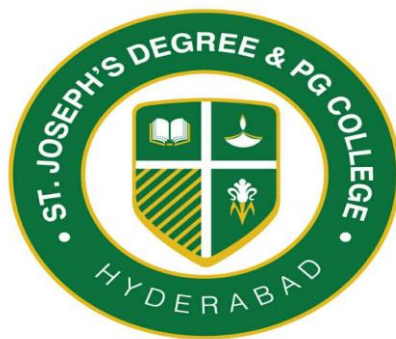


# ANNUAL REPORT

2016-17



**Department of Computer Science**

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



# 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 multinational 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 29<sup>th</sup> June 2015

## Details of Faculty - Full Time

### 1. Qualifications & Experience

S.No	Name	Qualifications	Designation
1	Mrs. Kiran Jyothi	MCA,MBA	Associate Prof. - Head
2	Mrs. T.Esther Ratna	M.Sc, M.Phil	Assistant - Prof &Dean Student Affairs
3	Mrs. P. Madhuri Paul	MCA, M.Tech	Assistant Prof.
4	Mrs. Haripriya	MCA	Assistant Prof.
5	Mrs. V. Shailaja	MCA	Assistant Prof.
6	Mr.S.Srikanth	MCA	Assistant Prof.
7	Mrs.P.Swathi	MCA	Assistant Prof.

### 2. Lab Staff

S.No	Name	Qualifications	Designation
1	Mr. Alosyius	Network Admin	Network Admin
2	Mr.Ch.V.S.R Pavan Kumar	B. Tech, (MBA)	Network Admin & Asst.Professor

## Faculty Attended Programmes (In-house & Outside)

1. **Mrs. T. Esther Ratna** Visited St. Joseph's Public School Malakpet with an objective to know their process of conducting Internal Academic Audit on 29th August,2016
2. A visit to **Sardar Vallabhbhai Patel National Police Academy** on 26th and 27th September, 2016. The objective of this visit is to encourage, motivate and to make students aware of various activities related to civil services. 95 students from various streams of UG and PG courses were selected who were accompanied by faculty Dr. K. Sridhar Reddy, Physical Director and Mrs. T. Esther Ratna, Dean, Student Affairs.
3. All the faculty of computer science department attended a 2-day Lecture series programme conducted by department of Science on 7<sup>th</sup> & 8th September,2016 at St.Joseph's Degree and PG college, Hyderabad.

## Paper presentations/Paper publications by faculty

1. **Mrs. T.Esther Ratna** and **Mr. S.Srikanth** presented a paper in National Conference on “Information and Communication Technologies Research – Challenges and Opportunities” held from 19<sup>th</sup>-20<sup>th</sup> August,2016, Aurora Degree and PG college, Hyderabad on “**Citizen Perception Towards Newsletter: An E-Governance Initiative In Hyderabad**”.
2. **Mr. Ch.V.S.R. Pavan Kumar** presented and published a paper in National Conference on “Information and Communication Technologies Research – Challenges and Opportunities” held from 19<sup>th</sup>-20<sup>th</sup> August,2016, Aurora Degree and PG college, Hyderabad on “**Adding intelligence to internet using satellites**” with ISSN NO. 2348-2591.
3. **Mrs. P. Madhuri Paul** presented and published a paper in National Conference on “Information and Communication Technologies Research – Challenges and Opportunities” held from 19<sup>th</sup>-20<sup>th</sup> August 2016, Aurora Degree and PG College, Hyderabad on “**Revolutionizing Mobile Communications with Heterogeneous Computing**”.
4. **Mrs. Kiran Jyothi** presented a paper in National Conference on “**Revolutionalising Business Practices in Digital Era**” held on 29<sup>th</sup> November,2016, St. Josephs Degree and PG college, Hyderabad on “**A Quick Development Model with Security for Change Oriented Software Process**”.
5. **Mrs. T.Esther Ratna** Presented a paper on **Radio as a Tool for E-Governance A Study on “Mann Ki Baat”** at National Conference on Revolutionalising Business Practices in Digital Era (NCRBD) which will be organised by St.Joseph’s Degree & PG College, King Koti, Hyderabad and IRD India on 29 November 2016.
6. **Mr. Ch.V.S.R. Pavan Kumar** presented a paper in National Conference on “**Revolutionalising Business Practices in Digital Era**” held on 29<sup>th</sup> November,2016, St. Josephs Degree and PG college, Hyderabad on “**Connecting mobile communication with Heterogeneous computing challenges**”.
7. **Mrs. P. Madhuri Paul** presented a paper in National Conference on “**Revolutionalising Business Practices in Digital Era**” held on 29<sup>th</sup> November,2016, St. Josephs Degree and PG college, Hyderabad on “**Connecting mobile communication with Heterogeneous computing challenges**”.
8. **Mrs. T.Esther Ratna** Presented a paper on “**A Study on Adoption of ICT in Teaching - Learning: A Gap Analysis**” at NAAC Sponsored National Conference on “**Developing A Culture of Quality: Implementing & Sustaining Approaches to Quality in Higher Education**”. organized by Internal Quality Assurance Cell (IQAC) on 3rd & 4th March, 2017



## Departmental Contribution to Examination Branch

S. No	Name of the Faculty	Contribution to the Exam Branch
1	Mrs. Kiran Jyothi	<ul style="list-style-type: none"> <li>➤ Controller of Examinations P.G</li> <li>➤ Paper Setting</li> <li>➤ Evaluation of Scripts</li> <li>➤ Proof Reading</li> <li>➤ Moderation</li> <li>➤ Re-evaluation of Scripts</li> <li>➤ Tabulation</li> <li>➤ Result Analysis of respective Subjects</li> </ul>
2	Mrs. T.Esther Ratna	<ul style="list-style-type: none"> <li>➤ Paper Setting</li> <li>➤ Supervision</li> <li>➤ Observer</li> <li>➤ Squad</li> <li>➤ Evaluation of Scripts</li> <li>➤ Re-evaluation of Scripts</li> <li>➤ Result Analysis of respective Subjects</li> </ul>
3	Mrs. P. Madhuri Paul	<ul style="list-style-type: none"> <li>➤ Paper Setting</li> <li>➤ Invigilation</li> <li>➤ Scrutiny</li> <li>➤ Evaluation of Scripts</li> <li>➤ Re-evaluation of Scripts</li> <li>➤ Result Analysis of respective Subjects</li> </ul>
4	Mrs.V.Shailaja	<ul style="list-style-type: none"> <li>➤ Invigilation</li> <li>➤ Scrutiny</li> <li>➤ Evaluation of Scripts</li> <li>➤ Re-evaluation of Scripts</li> <li>➤ Result Analysis of respective Subjects</li> </ul>
5	Mrs.Hari Priya	<ul style="list-style-type: none"> <li>➤ Invigilation</li> <li>➤ Scrutiny</li> <li>➤ Evaluation of Scripts</li> <li>➤ Re-evaluation of Scripts</li> <li>➤ Result Analysis of respective Subjects</li> </ul>
6	Mr.S.Srikanth	<ul style="list-style-type: none"> <li>➤ Invigilation</li> <li>➤ Scrutiny</li> <li>➤ Evaluation of Scripts</li> <li>➤ Re-evaluation of Scripts</li> <li>➤ Result Analysis of respective Subjects</li> </ul>
7	Mrs.P.Swathi	<ul style="list-style-type: none"> <li>➤ Invigilation</li> <li>➤ Evaluation of Scripts</li> <li>➤ Re-evaluation of Scripts</li> <li>➤ Result Analysis of respective Subjects</li> </ul>

## FACULTY ROLES & RESPONSIBILITIES IN DEPARTMENT

S. No	Lecturer in-charge	Responsibilities
1	Mrs. Kiran Jyothi - HoD, CS	<ul style="list-style-type: none"> <li>➤ Subject allotment</li> <li>➤ Preparation of Time table, Annual planner, Monthly Planners.</li> <li>➤ Time-table Monitoring</li> <li>➤ Scrutiny of Academic Record, Attendance Registers and Teaching Diary</li> <li>➤ Staff Punctuality, Ethics, Permissions, &amp; Work status report</li> <li>➤ Prepare &amp; Monitor academic activities</li> <li>➤ Design of Curriculum and Syllabi</li> <li>➤ Organizing Guest Lectures, Seminars &amp; workshops</li> <li>➤ Conduct of Certificate courses</li> <li>➤ Project / Internship for UG</li> <li>➤ Co-Coordinator of Computer Club</li> <li>➤ Controller of Examinations P.G</li> <li>➤ Class In-charge</li> <li>➤ Feedback system Monitoring &amp; Administering In-charge</li> <li>➤ CBCS related work</li> <li>➤ Attendance software Maintenance</li> <li>➤ Project Guidance</li> </ul>
2	Mrs. T. Esther Ratna	<ul style="list-style-type: none"> <li>➤ Administrator</li> <li>➤ Counseling Female Students</li> <li>➤ Checking college mails</li> <li>➤ Faculty Development Programs conducting &amp;</li> <li>➤ Preparation of reports</li> <li>➤ Governing Body Meeting coordinated for the year 2015-16</li> <li>➤ Academic calendar</li> <li>➤ Revised Attendance register</li> <li>➤ Dean – Student affairs</li> <li>➤ IQAC coordinator</li> <li>➤ Growing Bonsai - Certificate course coordinator</li> <li>➤ Free Medical Camp, Independence day, Teachers day - Coordinator</li> <li>➤ Feedback report generation</li> <li>➤ Prepared various formats of reporting</li> </ul>

		<ul style="list-style-type: none"> <li>➤ Coordinated for Staff Orientation Programme</li> <li>➤ First IQAC meeting was conducted after taking over</li> <li>➤ SQAC meetings – 03 conducted</li> <li>➤ 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 &amp; PG College.</li> <li>➤ CBCS related work</li> <li>➤ Project Guidance</li> </ul>
3	Mrs. P. Madhuri Paul	<ul style="list-style-type: none"> <li>➤ Field Trip in-charge</li> <li>➤ coordinator of Computer Club</li> <li>➤ Project Incharge</li> <li>➤ Conducting Seminars &amp; workshops &amp; Preparation of Reports</li> <li>➤ Maintaining Event Register</li> <li>➤ Class In-charge</li> <li>➤ CBCS related work</li> </ul>
4	Mrs.V. Shailaja	<ul style="list-style-type: none"> <li>➤ Maintaining and updating college website content</li> <li>➤ Allotment of substitution duties</li> <li>➤ Class In-charge (BSc(MECs) I Year I Sem &amp;II Sem</li> <li>➤ Social Service Activities</li> <li>➤ Result Analysis Report</li> <li>➤ Feedback system maintenance</li> </ul>
5	Mrs.Haripriya	<ul style="list-style-type: none"> <li>➤ College Facebook Account In-charge</li> <li>➤ Feedback system maintenance</li> </ul>
6	Mrs.S. Srikanth	<ul style="list-style-type: none"> <li>➤ Practical Examination in-charge</li> <li>➤ Result Analysis Report</li> <li>➤ Social Service Activities</li> <li>➤ Class In-charge for B.Sc(MPCs ) III Year V sem &amp;VI sem</li> </ul>
7	Mrs.P.Swathi	<ul style="list-style-type: none"> <li>➤ Co-Coordinator of Computer Club</li> <li>➤ College Mail Administration</li> <li>➤ Result Analysis Report</li> <li>➤ Maintaining Event register</li> <li>➤ Department library in-charge</li> </ul>

## Departmental Contribution to the College

S. No	Lecturer in-charge	Responsibilities
1	Mrs.M.Kiran Jyothi	<p><b>College IT Infrastructure Maintenance:</b></p> <ul style="list-style-type: none"> <li>• Monitored the Entire Hardware and Software Infrastructure of the college.</li> <li>• Involved in maintenance and repair work of UPS, LCD Projectors, Computers and its peripherals</li> <li>• Involvement in maintenance and renovation of the MCA Lab</li> <li>• Involved in Procurement of Software like Windows OS and MS Office</li> </ul> <p><b>College Website:</b></p> <ul style="list-style-type: none"> <li>• Involved in the administrative aspects of website.</li> <li>• Involved in data updates of Examination Branch</li> </ul> <p><b>College Online Feedback System :</b></p> <ul style="list-style-type: none"> <li>• Maintained and made design changes to online feedback system software.</li> <li>• Administered feedback</li> <li>• Attendance software</li> </ul>
3	Mrs. Esther Ratna	<ul style="list-style-type: none"> <li>• Governing Body Meeting coordinated for the year 2015-16</li> <li>• Academic calendar</li> <li>• Revised Attendance register</li> <li>• Prepared various formats of reporting</li> <li>• Coordinated for Staff Orientation Programme</li> <li>• SQAC meetings – 03 conducted</li> <li>• IQAC meetings were conducted</li> <li>• CBCS related work</li> <li>• 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 &amp; PG College.</li> </ul>
4	Mrs.P Madhuri Paul	<ul style="list-style-type: none"> <li>▪ Field visit incharge</li> <li>▪ Project guidance incharge</li> <li>▪ Computer Club coordinator</li> </ul>

5	Mrs. V shailaja	<b>College Website</b> <ul style="list-style-type: none"> <li>▪ Manages the website content, collaborates with all department website in charges and updates the data.</li> <li>▪ Maintains photographs of the college events.</li> <li>▪ Coordinated for online feedback.</li> </ul>
6	Mrs. P Swathi	<b>Mail management:</b> <ul style="list-style-type: none"> <li>• Both UG and PG College mails</li> </ul>
7	Mr. S Srikanth	<ul style="list-style-type: none"> <li>• College Facebook Account In-charge</li> </ul>

## Almanac for the year 2016- 17

### Almanac for I, III & V Semesters

S. No.	Particulars	Date
1	Commencement of III & V Semester Classes	15 <sup>th</sup> June 2016
2	Commencement of I Semester Classes	30 <sup>th</sup> June 2016
3	I - Internal Examinations (Theory)	2 <sup>nd</sup> Aug - 5 <sup>th</sup> Aug 2016
4	Certificate Course Commencement	8 <sup>th</sup> Aug 2016
4	Examination Notification	13 <sup>th</sup> Sep 2016
5	II - Internal Examinations (Theory)	20 <sup>th</sup> Sep - 23 <sup>rd</sup> Sep 2016
6	Internal Practical Examination	26 <sup>th</sup> Sep - 6 <sup>th</sup> Oct 2016
7	Issue of Examination Application Forms	21 <sup>st</sup> Sep - 28 <sup>th</sup> Sep 2016
8	Submission of Examination Application Forms A. Without Late Fee B. With Late Fee	1 <sup>st</sup> Oct - 5 <sup>th</sup> Oct 2016 6 <sup>th</sup> Oct - 8 <sup>th</sup> Oct 2016
9	Last day of Instruction	19 <sup>th</sup> Oct 2016
10	Value Education Examination for I - Semester	20 <sup>th</sup> Oct 2016
11	Environmental Studies Examination for III - Semester	21 <sup>st</sup> Oct 2016
12	Preparation Holidays	22 <sup>nd</sup> Oct - 25 <sup>th</sup> Oct 2016
13	Commencement of End Semester Examinations	26 <sup>th</sup> Oct 2016
14	Final Practical Examinations	16 <sup>th</sup> Nov - 26 <sup>th</sup> Nov 2016

## Almanac for II, IV & VI Semesters

S. No.	Particulars	Date
1	Commencement of II,IV & VI Semester Classes	28 <sup>th</sup> Nov 2016
2	Christmas Holidays	24 <sup>th</sup> Dec 2016 – 1 <sup>st</sup> Jan 2017
3	I - Internal Examinations(Theory)	10 <sup>th</sup> Jan – 12 <sup>th</sup> Jan 2017
5	Examination Notification	15 <sup>th</sup> Feb 2017
6	II - Internal Examinations(Theory)	21 <sup>st</sup> Feb – 23 <sup>rd</sup> Feb 2017
7	Internal Practical Examination	6 <sup>th</sup> March – 15 <sup>th</sup> March 2017
8	Issue of Examination Application forms	22 <sup>nd</sup> Feb -28 <sup>th</sup> Feb 2017
9	Submission of Examination Forms A. Without Late Fee B. With Late Fee	1 <sup>st</sup> March - 5 <sup>th</sup> March 2017 6 <sup>th</sup> March – 9 <sup>th</sup> March 2017
10	Last day of Instruction	16 <sup>th</sup> March 2017
11	Indian Heritage and Culture Examination for II - Semester	17 <sup>th</sup> March 2017
12	Science & Civilization Examination for IV - Semester	18 <sup>th</sup> March 2017
13	Preparation Holidays	20 <sup>th</sup> March -28 <sup>th</sup> March 2017
14	Commencement of End Semester Examinations	30 <sup>th</sup> March 2017
15	Final Practical Examinations	20 <sup>th</sup> April 2017

### Orientation to the Second and Final Years

<b>Date</b>	:	15 <sup>th</sup> June 2016
<b>Venue</b>	:	Respective class rooms
<b>Time</b>	:	9:00am-12:00pm
<b>Resource Persons</b>	:	Faculty of Science Department
<b>Target Group</b>	:	B. Sc Second and Final Year students

The Orientation program to the second and final year students of B. Sc was conducted on 15-06-2016, the re-opening day. Mr D. Srinivas Reddy, Head Department of Mathematics & Statistics, Mrs. M. Kiran Jyothi, Head Department of Computer Science and Mrs L.M.Priya,

Head Department of Physics & Electronics oriented the students on their respective curriculum and the significance of project to the final year students and Skill Enhancement Course to the second years. The Faculty of the respective subjects briefed the objectives and outcomes of the subjects briefly to the students.

## Orientation to B.Sc First Year students

<b>Date</b>	:	30 <sup>th</sup> June 2016
<b>Venue</b>	:	Cellar
<b>Time</b>	:	12:00 PM – 4:00PM
<b>Resource Persons</b>	:	Faculty of Computer Science Department
<b>Target Group</b>	:	B. Sc first year students

The aim of the program is to specifically establish a welcoming environment that creates a sense of belonging and acclimate students to the academic and co-curricular programs and resources.

Mrs Kiran Jyothi, Dean of Sciences, provided enriched inputs on the department, its activities and introduced the faculty to the students. Mr Basher, alumni shared his experience with the young ones. He spoke about the prospects in adopting B. Sc Course, career opportunities and the corporate expectations. Mr Prabhu Kiran and Mr Dilip of final B. Sc shared their experiences with the freshers. An Ice-breaking session was well organized by Mrs Shailaja, Mrs Swathi and Mrs Haripriya wherein students participated enthusiastically.

## Bridge Course/ Remedial Classes conducted

<b>Date</b>	:	21 <sup>st</sup> Mar 2017 to 23 <sup>rd</sup> Mar 2017
<b>Coordinators</b>	:	Mrs.KiranJyothi Mrs.V. Shailaja
<b>Target group</b>	:	First Year B.Sc Students
<b>Venue</b>	:	Respective Class Rooms
<b>Objective</b>	:	Focusing the students, how to project in the exams.

### About Activity:

The Department of Computer Science conducted Remedial classes for 2 hour duration for 3 days for the first year UG students B.Sc (MPCS/MSCS/MECS) which includes subject Data Structure and File Processing to the students who had poor performance in the Internal Examinations 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	Event Details	Resource Person/ Coordinators
1	15 <sup>th</sup> June2016	<b>Orientation to the Second and Final Years</b>	<b>Coordinator:</b> Faculty of Science Department
2	30 <sup>th</sup> June2016	<b>Orientation to the First Years</b>	<b>Coordinator:</b> Mrs Kiran Jyothi,

			Coordinator of sciences.
3	02 <sup>nd</sup> July 2016	<b>Project Guidance</b> to Final year students	<b>Coordinator:</b> Mrs. Kiran Jyothi, HoD,CS
4	16 <sup>th</sup> July 2016	“ <b>Seminar</b> on SDLC & UML Diagrams”	<b>Coordinator:</b> Mrs. Kiran Jyothi, HoD,CS
5	9 <sup>th</sup> Aug2016	<b>IT Quiz</b>	<b>Coordinator:</b> Mrs.P.Madhuri Paul Assistant Professor.
6	11 <sup>th</sup> Aug2016	<b>Data-ICON 2K16</b>	<b>Coordinator:</b> Mrs.T.Esther Ratna Dean Student Affairs
7	14 <sup>th</sup> Sep, 2016	<b>Online Feedback-Odd Semester</b> is taken by all the UG students	<b>Coordinators:</b> Mrs. Kiran Jyothi Mrs.Haripriya
8	19 <sup>th</sup> Sep, 2016	<b>Informatic Exhib’2016-Computer Fair</b>	<b>Coordinators</b> All Computer Science Faculties <b>Judges:</b> 1. Mrs.Teresa 2. Mr.Suraj prakash
9	29 <sup>th</sup> Nov 2016	<b>National Confernece on Revolutionalising Business practices in Digital Era (NCRBD)</b>	<b>Coordinator:</b> All Computer Science Faculties
10	4 <sup>th</sup> to 7 <sup>th</sup> Feb 2017	<b>Industrial visit to vishakapatnam</b>	<b>Visit Coordinator:</b> Mrs. P. Madhuri Paul, Asst. Professor <b>Faculty Accompanied:</b> Mr. Ch. Pavan Kumar Asst. Professor
11	27 <sup>th</sup> Jan 2017	<b>Parent Teacher Meet</b> For all UG Students	<b>Coordinators:</b> Mrs. Kiran Jyothi Mrs V Shailaja Mr.S. Srikanth.
12	20 <sup>th</sup> Feb 2017	<b>Online Feedback –Even Sem</b> is taken by all the UG students	<b>Coordinators:</b> Mrs. Kiran Jyothi Mrs V Shailaja
13	18 <sup>th</sup> Feb 2017	<b>JSR Activity:</b> Don Bosco Nav Jeevan orphanage, Ramanthapur	<b>Coordinator:</b> Mrs V Shailaja
14	27 <sup>th</sup> Feb,2016	<b>JSR Activity:</b> AIM FOR SEVA Orphanage and Bala Sadan Girls Orphanage	<b>Coordinator:</b> Mr.S. Srikanth.

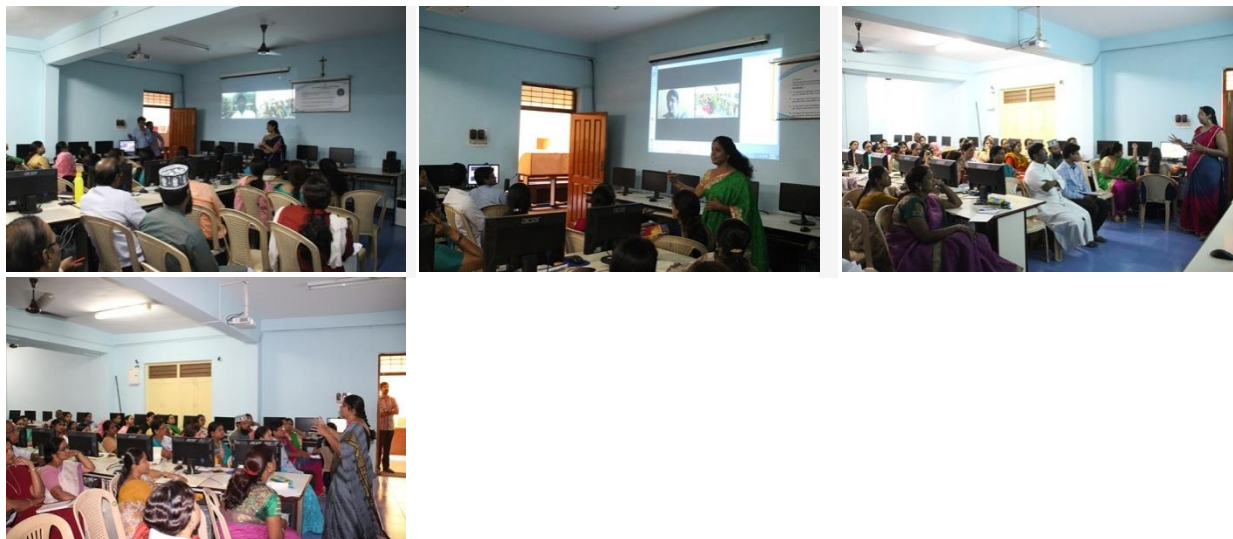
15	28 <sup>th</sup> March 2017	<b>Consultancy Service:</b> <b>Mrs. P. Madhuri Paul</b> gave a Guest Lecture on Web Programming for MCA Students at St. Ann's College, Mehdipatnam. <b>Topic:</b> Exploring Web Designing Options – A Study Tour	<b>Coordinator:</b> <b>Mrs. Latha, HoD,</b> Dept. of Computer Science St. Ann's College, Mehdipatnam
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### FDP on “ICT in Teaching & Learning” :

Date : 10<sup>th</sup> June 2016  
Venue : Ground- floor Lab  
Time : 12:00 PM – 4:00PM  
Resource Persons : Faculty of Computer Science

Department of Computer Science has organized a Faculty Development Programme on “ICT in Teaching & Learning” whose objective was to enlighten all the faculty members of the college to get ready with the effective tools of teaching and learning along with digital toolkit which is a need of the hour skill to know in order to teach the 21st generation students. Topics covered in this session:

S.No.	Topic	Resource Person
1	<ul style="list-style-type: none"> <li>• YouTube Downloader</li> <li>• Animoto</li> <li>• Popplet</li> <li>• Collagemaker</li> </ul>	Mrs. P. Madhuri Paul
2	<ul style="list-style-type: none"> <li>• Prezi</li> <li>• Video Conferencing</li> </ul>	Mrs. T. Esther Ratna Mr. Ravi Mr. K. Aloysius
3	<ul style="list-style-type: none"> <li>• MS – Excel</li> </ul>	Mrs. K. Hari Priya Mr. Srikanth



### Activity 1: Orientation to B.Sc Second and Final Year Students

<b>Date</b>	:	15 <sup>th</sup> June2016
<b>Venue</b>	:	Respective class rooms
<b>Time</b>	:	9:00am-12:00pm
<b>Resource Persons</b>	:	Faculty of Science Department
<b>Target Group</b>	:	B. Sc Second and Final Year students

The Orientation program to the second and final year students of B. Sc was conducted on 15-06-2016, the re-opening day. Mr D. Srinivas Reddy, Head Department of Mathematics & Statistics, Mrs. M. Kiran Jyothi, Head Department of Computer Science and Mrs L.M.Priya, Head Department of Physics & Electronics oriented the students on their respective curriculum and the significance of project to the final year students and Skill Enhancement Course to the second years. The Faculty of the respective subjects briefed the objectives and outcomes of the subjects briefly to the students.

### Activity 2: Orientation to B.Sc First Year students

<b>Date</b>	:	30 <sup>th</sup> June2016
<b>Venue</b>	:	Cellar
<b>Time</b>	:	12:00 PM – 4:00PM
<b>Resource Persons</b>	:	Faculty of Computer Science Department
<b>Target Group</b>	:	B. Sc first year students

The aim of the program is to specifically establish a welcoming environment that creates a sense of belonging and assimilate students to the academic and co-curricular programs and resources.

Mrs Kiran Jyothi, Dean of Sciences, provided enriched inputs on the department, its activities and introduced the faculty to the students. Mr Basher, alumni shared his experience with the young ones. He spoke about the prospects in adopting B. Sc Course, career opportunities and the corporate expectations. Mr Prabhu Kiran and Mr Dilip of final B. Sc shared their experiences with the freshers. An Ice-breaking session was well organized by Mrs Shailaja, Mrs Swathi and Mrs Haripriya wherein students participated enthusiastically.



### Activity 3: Seminar on “Project Guidance”

<b>Date</b>	:	02 <sup>nd</sup> July 2016
<b>Time</b>	:	10:00 AM-12:30 PM
<b>Venue</b>	:	Seminar Hall
<b>Resource Person</b>	:	Mrs. Kiran Jyothi, HoD,CS
<b>Target Group</b>	:	B.Sc (M.P.Cs/M.E.Cs/M.S.Cs) – III years

#### About Activity:

The Department of Science conducted an orientation on projects and project guidelines to all the B.Sc final year students. The Heads of the respective departments briefed the students about the prospective projects in their respective departments. Mrs. Kiran Jyothi, HoD,CS,



organized a seminar on “Project Guidance” for B.Sc III year students.

#### Activity 4: Seminar on “SDLC and UML Diagrams”

<b>Date</b>	:	16th July 2016
<b>Time</b>	:	10:00 AM-12:30 PM
<b>Venue</b>	:	Seminar Hall
<b>Resource Person</b>	:	Mrs. Kiran Jyothi, HoD,CS
<b>Target Group</b>	:	B.Sc (M.P.Cs/M.E.Cs/M.S.Cs) – III years

**About Activity:**

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



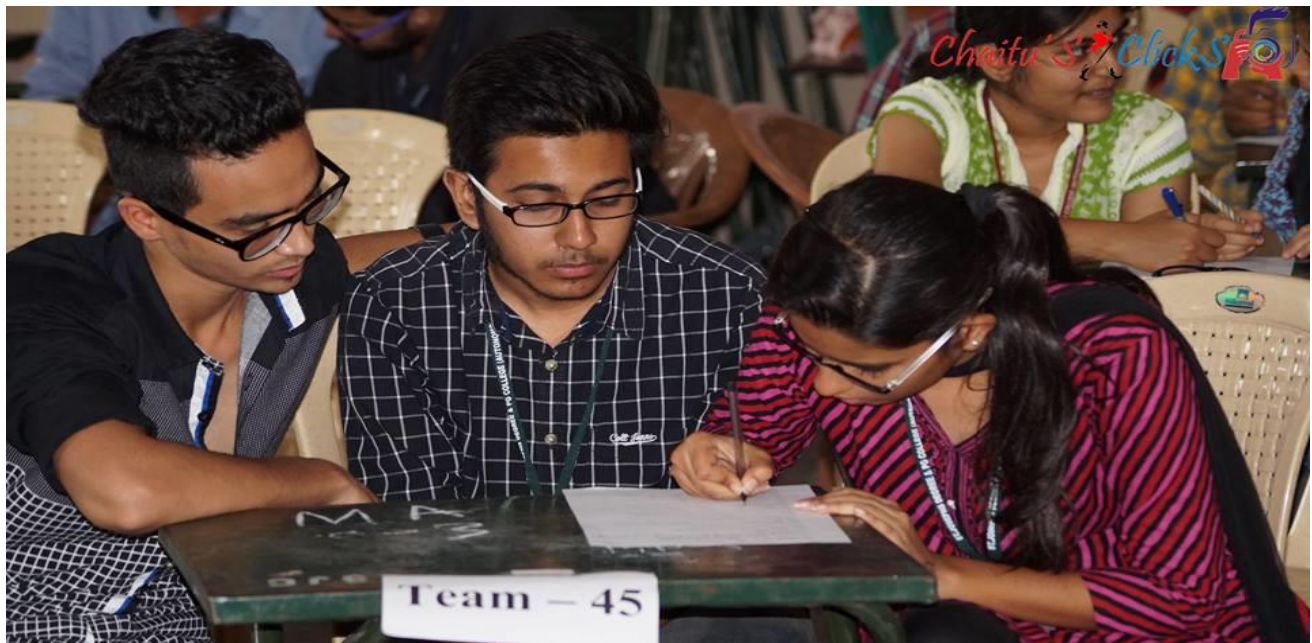
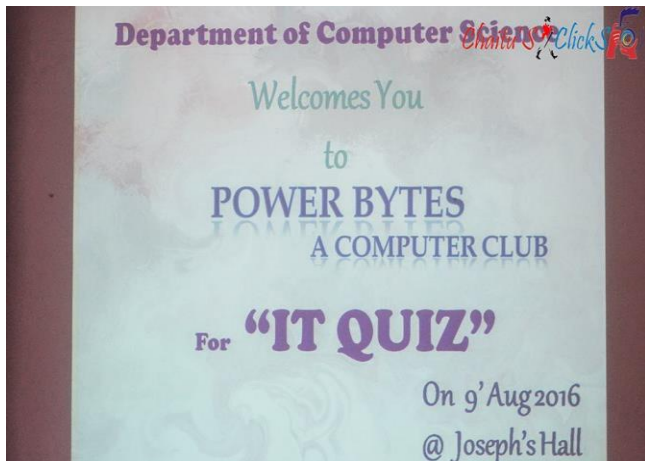


### Activity 5: Club Activity “IT Quiz”

**Date** : 09th August 2016  
**Time** : 1.30 PM – 04.30 PM  
**Venue** : Joseph’s Hall  
**Coordinator** : Mrs.P.Madhuri Paul  
Assistant Professor,  
Department of Computer Science

**About Activity:**

All the Students from I, II and II years of different courses participated in the Quiz. About 62 teams registered for this event with a team of three participants each. The “IT Quiz” went on with 3 rounds namely Round 1-Entry test, Round 2- pictures identification and the Round 3-Rapid Fire. Three teams were the winners in the Quiz.



## Activity 6: Data-ICON 2k16

<b>Date</b>	:	<b>11<sup>th</sup> August 2016</b>
<b>Time</b>	:	10:00 AM-1:00 PM
<b>Venue</b>	:	Extended campus seminar hall
<b>Resource Person</b>	:	Mrs.T.Esther Ratna
<b>Target Group</b>	:	BBA –IT II years

### About Activity:

Learning by doing, an experiential teaching methodology was adopted for the subject titled Database Management System. Students prepared models for various concepts and demonstrated it with relevant explanation. This innovative technique was conducted on 11 August 2016 by BBA (IT) II yr students. This helped the students to understand the concepts with clarity.



## Activity 7: Informatique Exhib'2016 - A Computer Fair

<b>Date</b>	:	01th September, 2016
<b>Time</b>	:	9:00AM - 03:00PM
<b>Venue</b>	:	Joseph's Hall
<b>Organized by</b>	:	Department of Computer Science
<b>Target Group</b>	:	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)

### About the Activity:

Department of Computer Science Conducted the 5th Informatique Exhib with new innovative ideas for all the UG-Ist Year students, About 28 teams registered for the event and exhibited different devices related to Hardware, Software applications and Networking concepts.

The Exhibit started with Inaugural session chaired by Principal Rev.Fr.VincentArokiadas, Dean - Mrs. Esther Ratna, HoD Mrs. Kiran Jyothi at 09:30AM in Joseph's hall. Students from different courses of 1st year visited the Exhibition and collected feedback from few of the students of each class for the "best team presentation".

We made the 5th Informatique Exhib to be "Better, Newer and Faster" with the better participants, newer concepts and faster technology. School students of 9th and 10th standard of Geenthanjali High School, Himayatnagar has visited the Informatique Exhib and encouraged the Event.

Teams were judged by,

1. Mrs.Teressa, Head, Department of Computer Science, Loyola academy
2. Mr.Suraj prakash , Head, Department of Computer Science, Aurora College

Three teams won in the event. Additionally, one of the teams got the best feedback from the students and won a Consolation prize. The program ended by the valedictory session.





## National Conference on Revolutionising Business practices in Digital Era (NCRBD)

- Date** : 29th Nov 2016  
**Venue** : Jubilee Hall  
**Topic** : Revolutionising Business Practices in Digital Era

Department of Computer Science has organized a One Day National Conference on **Revolutionising Business Practices in Digital Era** which was jointly organized by St. Joseph's Degree & PG College and IRD India.

The objective of the conference is to bring together academicians, corporate persons, research Scholars, students and practitioners in the field of Management and Information Technology to a common forum to explore the transformations in Management Practices and Technology in Information age that promotes research and developmental activities in the areas of Business Management and Information Technology.





## Consultancy Service :

**Date** : 28<sup>th</sup> Mar 2017  
**Venue** : St. Ann's PG College, Mehdipatnam  
**Topic** : Exploring Web Designing Options – A Study Tour  
**Target Group`** : MCA Students  
**Resource Person** : Mrs. P. Madhuri Paul

**Mrs. P. Madhuri Paul** is invited as a Resource Person for a Guest Lecture on “Exploring Web Designing Options – A Study Tour” for MCA Students at St. Ann’s College, Mehdipatnam. The topics were covered related to Web programming, HTML and few online tools for designing websites.

## Industrial Visit /Experiential Learning (Exhibs)

### Industrial visit to vishakapatnam

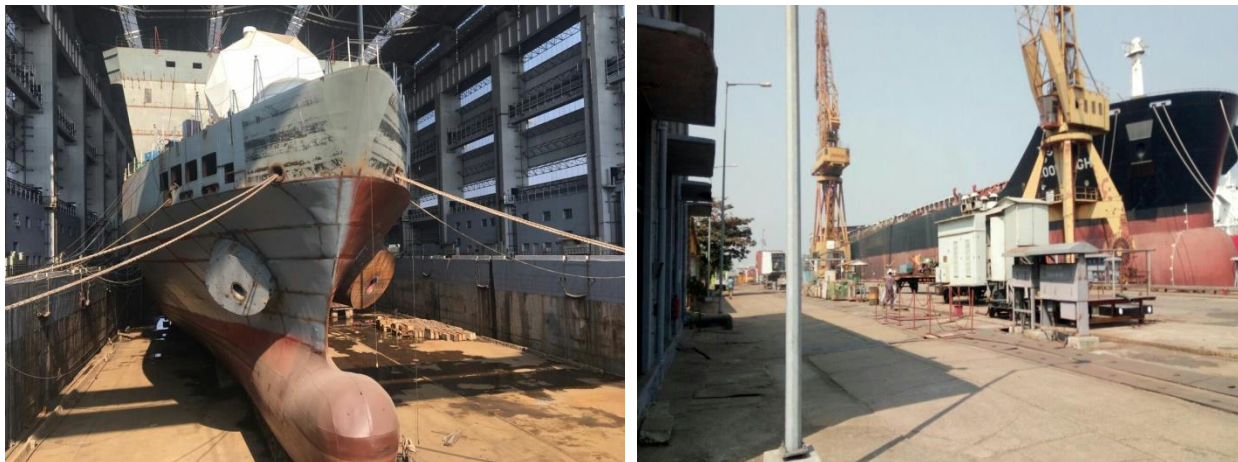
Department of Computer Science organized an Industrial Visit to Vishakhapatnam, for 3days dated from 4<sup>th</sup> to 7<sup>th</sup> February 2017 for the students of B.Sc / B.Com / BBA – I, II and III years. The visit started on 4<sup>th</sup> Feb 2017 at 5PM from Hyderabad by Godavari Express and reached the next day morning by 6AM to Vishakhapatnam.

Two faculty members accompanied 42 students for the visit. We visited Hindustan Shipyard Limited and Vizag Steel Plant as part of Industrial Exposure to students.

**About Hindustan Shipyard:** HSL has gone a long way in building a range of ships numbering one hundred and sixty seven of various types of sizes. The range varies from conventional Bulk Carriers, General Cargo and Supply Vessels, Patrol Vessels to highly sophisticated Drill Ships covering Defence and Oil Sectors apart from conventional Merchant Shipping. The Dry Dock is an important adjunct to the Shipyard for undertaking repairs of ships. We have got an opportunity to see 4<sup>th</sup> largest Ship in Asia which is in manufacturing process.

#### **About Vizag Steel Plant:**

It's popularly known as Vizag Steel, is an integrated steel producer in Visakhapatnam, India built using German and Soviet technology. The company has grown from a loss-making industry to 3-billion-dollar turn-over Company registering a growth of 203.6% in just four years. It is the largest single site plant in India and Asia Minor. For displaying Plant working models Steel Museum has been developed at Training department. Various Plant working Models about Coke Ovens, Blast Furnace, Steel Melting Shop, Rolling Mills and Plant Lay out, Quality Circle models are displayed in the Museum.



**Asia's Fourth Largest Ship is manufacturing – Dock Yard**

Students are well equipped with the practical knowledge of manufacturing, production and working conditions of a product. We visited Rishikonda Beach, RK Beach, Kailashgiri, Borra Caves, Coffee Plantation and Anathagiri View Point. We also had a trekking experience at



Katiki Waterfalls, Araku Valley. It was a very adventurous, technological and wonderful experience for all us who accompanied the Visit.



## JSR Activities by students

### Activity 1: JSR

Date	:	<b>18<sup>th</sup> Feb 2017</b>
Venue	:	<b>Don Bosco Nav Jeevan orphanage, Ramanthapur.</b>
Time	:	9:30AM- 4:00PM
Co-ordinators	:	Mr M Sravan Kumar, Mrs V Shailaja, Mrs Nampally Lakshmi.
Target Group	:	B.Sc I Year(MPCS/MECS/MSCS)

Joseph's family believe that social responsibility is a duty that every individual has to perform so as to maintain the balance between the economy and ecosystems. The event was organised on 18<sup>th</sup> Feb'2017. The Students of BSc first year participated actively with interest.

The Students spoke to the Don Bosco Nav Jeevan orphanage's management which is located at Ramanthapur, Hyderabad in order to spend a day with the children in the orphanage. The Students planned various activities for the children along with the preparation of lunch.

Josephite's were welcomed by Br. Justin at the venue. Father Rayappa shared about the establishment and vision of Don Bosco Nav Jeevan orphanage and appreciated the Josephites. He introduced various activities that they perform in the organization including Printing Press, DTP, Bakery items making room, Classrooms, Tailoring room etc. Josephite's were then welcomed by the children with their dance performances.

The students conducted indoor activities like musical chairs, singing, dancing and distributed gifts to the participants. Outdoor games such as cricket, kho-kho, volley ball were played. Lunch with variety of items were provided to children. Few basic requirements like rice, milk cups, stationary, tooth paste, brush, soaps etc were handed over to the children.

**Feedback:**

Don Bosco Nav Jeevan orphanage children and faculty responded cordially and gave a positive feedback that the day was memorable and asked to conduct such type of events in regular.



**Activity 2: JSR**



Date : 18<sup>th</sup> Feb 2017  
Venue : **AIM FOR SEVA Orphanage** and **Bala Sadan Girls Orphanage.**  
Time : 9:30AM- 7:00PM  
Co-ordinators : Mr.S.Srikanth, Mr. M.L.N.Rao, Mr. R. Ashok Kumar.  
Target Group : B.Sc III Year (MPCS/MECS/NHAEM)

Joseph's family has organized a social service day at **AIM FOR SEVA Orphanage** and **Bala Sadan Girls Orphanage**, Alwal, Secunderabad for B. Sc (MPCs, MECs & NHAEM) under JSS activity on 18 Jan 2017. Josephiats were welcomed by Mr.Srinivas ,Incharge Aim for seva Orphanage and gave a brief introduction about the orphange and activities conducted by them.

Students Served them with lunch and dinner. Student entertained the children with various indoor and outdoor games, songs ,dances etc., and distributed them with few basic requirements like rice, clothes and slippers .



## List of Students Placed in different companies

S.No	Date	Name of the Company	Name of the Student	Course
1	30-11-2016	Concentrix	Pooja Kumari	B.Sc (MPCs)
2	30-11-2016	Concentrix	Ashotsh chandra gowli	B.Sc(NHAEM)
3	06-12-2016	Sutherland Global	Madaram Sravan Goud	B.Sc (MECs)
4	06-12-2016	Sutherland Global	Prabhu Kumar	B.Sc (MSCs)
5	07-12-2016	ICICI Prudential life	Khethawath Srikanth	B.Sc (MECs)
6	07-12-2016	ICICI Prudential life	Akhil A	B.Sc (MECs)
7	07-12-2016	ICICI Prudential life	Nishanth Singh	B.Sc (MECs)
8	07-12-2016	ICICI Prudential life	Karal Dilip Singh	B.Sc (MECs)
9	07-12-2016	ICICI Prudential life	Pooja Kumari	B.Sc (MPCs)
10	07-12-2016	ICICI Prudential life	Mohammed Sayeed	B.Sc (MPCs)
11	07-12-2016	ICICI Prudential life	B.Kunal Prasad	B.Sc (MSCs)
12	03-01-2017	Genpact	Pooja kumari	B.Sc (MPCs)
13	03-01-2017	Genpact	D.Sachin Shalone	B.Sc (MSCs)
14	06-03-2017	CSS Corp	Shaik Hafeez	B.Sc (MECs)
15	06-03-2017	CSS Corp	Syed Ameerudin	B.Sc (MECs)
16	06-03-2017	CSS Corp	Syed Muddassir	B.Sc (MECs)
17	06-03-2017	CSS Corp	Oscar Ambrose	B.Sc (NHAEM)
18	06-03-2017	CSS Corp	Ashutosh Chandra Gowli	B.Sc (NHAEM)
19	06-03-2017	CSS Corp	Thathi Reddy	B.Sc (MPCs)
20	06-03-2017	CSS Corp	A. Prabhu Kumar	B.Sc (MSCs)

## Result Analysis

I YEAR / I SEMESTER – B.Sc & B.Com				
S.No	Course	Subject/ Title	Faculty	Pass Percentage
1	B.Sc (MECs)	OOPs Using C++	V.Shailaja	42%
2	B.Sc (MSCs)	OOPs Using C++	V.Shailaja	77%
3	B.Sc (MPCs)	OOPs Using C++	V.Shailaja	60%
4	B.Com(General)-IA	Computer Basics for Business	S. Srikanth	96.6%
5	B.Com(General)-IB	Computer Basics for Business	P. Madhuri Paul	100%



6	B.Com(Comp)-IC	Fundamentals of IT	P. Swathi	95%
7	B.Com(Comp)-ID	Fundamentals of IT	P. Swathi	96.5%
8	B.Com (IT)-I	Fundamentals of IT	P. Swathi	98.4%
9	BBA (IT) -I	Fundamentals of IT	Esther Ratna	96.7%

### II YEAR / III SEMESTER – B.Sc & B.Com

S.NO	Course	Subject/ Title	Faculty	Pass Percentage
1	B.Sc (MPCs)	Datastructures using C++	M Kiran Jyothi	
2	B.Sc (MECs)	Datastructures using C++	M Kiran Jyothi	
3	B.Sc (MSCs)	Datastructures using C++	V Shailaja	93%
4	B.Sc(MSCS)	HTML Programming	P Swathi	100%
5	B.Sc(MPCS/MECS)	HTML Programming	K .Haripriya	87.89%
6	B.Com(Comp)-IIC	Database Management System	K .Haripriya	93.5%
7	B.Com(Comp)-IID	Database Management System	K .Haripriya	89.8%
8	B.Com(IT)-II	Database Management System	K .Haripriya	95%
9	B.Com (IT)-II	Principles of 'C' Programming Language	S. Srikanth	91.6%
10	BBA (IT)-II	Database Management System	Esther Ratna	100%

### III YEAR / V SEMESTER – B.Sc & B.Com

S.NO	Course	Subject/ Title	Faculty	Pass Percentage
1	B.Sc(MECs)	Modern Database Management Systems	S. Srikanth	67.6%
2	B.Sc(MPCs)	Modern Database Management Systems	S. Srikanth	74%
3	B.Sc(MSCs)	Modern Database Management Systems	S. Srikanth	64.7%
4	B.Sc(MPCs/MECs/MSCs)	Web Programming (Elective-I)	P. Madhuri Paul	75%
5	B.Sc(MECs/MSCs/MPCs)	Computer Networks (Elective-II)	Venkat and M Kiran Jyothi	62%
6	B.Sc(NHAEM)	Computer Networks and Cyber Security	Venkat and M Kiran Jyothi	90%
7	B.Sc(NHAEM)	Windows Server Admin	M Kiran Jyothi	
8	B.Com(Comp) IIID	Web Programming	P. Madhuri Paul	97%
9	B.Com(Comp) IIIC	Web Programming	P. Madhuri Paul	95%

## Academic performance/ Prizes won

B.Sc (MSCS)		
Rank	Name of the Student	Awarded with
I	Thumma Sathish	Gold Medal , Memento & Certificate Instituted By Mr.Mrs.Arlaiah.Choudary
II	Abhilash V	Memento & Certificate
III	David Varghese	Memento & Certificate

B.Sc (MECs)		
Rank	Name of the Student	Awarded with
I	Aakash Asthana	Gold Medal Memento & Certificate By His Grace Most Rev.Thumma Bala Archbishop Of Hyderabad.
II	Indukuri Vasudeva Varma	Memento & Certificate
III	Kommareddy Uday Kumar Reddy	Memento & Certificate

B.Sc (MPCs)		
Rank	Name of the Student	Awarded with
I	Pothuneni Ravi Raja	Gold Medal Memento & Certificate By His Grace Most Rev.Thumma Bala Archbishop Of Hyderabad.
II	Mohd Mustafa	Memento & Certificate
III	Nisar Khan	Memento & Certificate

B.Sc (NHAEM)		
Rank	Name of the Student	Awarded with
I	Thandavaram Akhil Madhav	Memento & Certificate
II	D Eric Allan	Memento & Certificate
III	Ankit Kamble	Memento & Certificate

## Certificate Courses Offered

### 1. DYNAMIC WEBSITE DEVELOPMENT

**Objective of the 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.

**Duration** : 30 Hours (In-house)

**Instructor / Course Coordinator** : Mrs. P. Madhuri Paul

<b>Course Fee</b>	:	Rs. 1500/
<b>Batch Size</b>	:	Minimum of 50 students

## 2. MICROSOFT EXCEL

**Objective of the Course:** 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.

<b>Duration</b>	:	6 days training (3hrs per day)
<b>Course Fee</b>	:	Rs. 2500/-
<b>Batch Size</b>	:	Minimum of 60 students
<b>Instructors / Course Coordinators</b>	:	Mrs. M. Kiran Jyothi

## 3. BONSAI

**Objective of the Course:** This course will give students opportunity to have an interest for plantation and how to grow bonsai plants and other effective measures of growing plants.

<b>Duration</b>	:	20 Hours (In-house)
<b>Instructor / Course Coordinator</b>	:	Mrs. T. Esther Ratna & Mrs. Lalitha Sree
<b>Course Fee</b>	:	Rs. 2000/
<b>Batch Size</b>	:	Minimum of 50 students

## Fresher's Day

<b>Name of the activity</b>	:	Fresher's Day –Bella Accolienza
<b>Date</b>	:	23 <sup>rd</sup> July 2016
<b>Venue</b>	:	Hari Hara Kala Bhavan
<b>About Activity</b>	:	A warm note of welcome and cheer greeted the first year UG Students to Organized by the Second and Final Year UG Students on 23 <sup>rd</sup> July 2016. The program started with prayer song by College Choir followed by classical dance welcoming the fresher's.

## Parent-Teacher Meet

<b>Name of the activity</b>	:	Parent-Teacher Meeting
<b>Date</b>	:	<b>27<sup>th</sup> January 2017</b>
<b>Class In charge</b>	:	Mrs. V Shailaja, Mr.S.Srikanth
<b>Class</b>	:	B. Sc I Year (MECS),B.Sc III Year(MPCs)
<b>Number of parents attended</b>	:	<b>30</b>

### **Suggestions/Feedback from Parents:**

1. They appreciated the management for providing quality education for their wards.
2. Some parents appreciated the management and faculty for conducting events that focused on overall development of the student.
3. Parents were happy and satisfied about the infrastructure and facilities available in the campus.
4. Few Parents suggested that dress code can be introduced.

## Josephista ' 2015

### **EVENTS LIST CONDUCTED BY THE DEPARTMENT**

#### **EVENT I**

<b>Name of the Event</b>	:	<b>KEYBOARD MANGLING</b>
<b>Faculty In-charge</b>	:	Mrs. V.SHAILAJA. Mr. S. SRIKANTH.
<b>Student Volunteers</b>	:	Mr. G Himakar [ B.Sc(MSCS) III year] Ms. Jestina Sharoon [ B.Sc(MSCS) II year]
<b>Time</b>	:	11.30 am to 12:30pm

#### **Winners:**

**I PRIZE:** Mr. Ujwal Dughar from St. Joseph's Degree College.  
Mr. Pranay Jhawar from St. Joseph's Degree College.

**II PRIZE:** Ms. R. Mallika from AMS School of Informatics.  
Ms. R. Pranathi from AMS School of Informatics.

## **Summary:**

The department conducted a competition named as KEY MANGLING on the eve of JOSEPHIESTA - 2016. The competition is about arranging keys on the keyboard. 5 teams participated in the event with 2 per each team. The team which completes the task within a given time is declared as I & II prize winners.

## **EVENT II**

<b>Name of the Event</b>	:	<b>GEEK'S SERA</b>
<b>Faculty In-charge</b>	:	Mrs. P. MADHURI PAUL. Mrs. P. SWATHI.
<b>Student Volunteers</b>	:	Mr. Shashi Raj [B.Com (General) III A] Mr. Sarvajeet Jaiswal [B.Com (computers) ID] Mr. Jalaluddin [B.Com (computers) ID]
<b>Time</b>	:	12.30 pm to 1:30pm

## **Winners:**

**I PRIZE:** Ms. R. Mallika from AMS School of Informatics.  
Ms. V. Swathi from AMS School of Informatics.

**II PRIZE:** Mr. Aaroon from St. Joseph's Degree College.  
Mr. Aishwarya from St. Joseph's Degree College.

## **Summary:**

The department conducted a competition named as GEEK'S SERA on the eve of JOSEPHIESTA - 2016. The competition is about searching the computer related words in the grid by following the hints provided. The game consists of 2 rounds where in round-1 qualified participant are moved to 2<sup>nd</sup> level with next level of difficult questions. 9 teams participated in the event with 2 per each team. Out of which 2 teams are declared as I & II prize winners.



## BoS Meeting Report

Venue : Board room, st. Josephs Degree and PG college  
Date : 9<sup>th</sup> March, 2017  
Time : 2.00 PM to 4:00 PM

The BoS Meeting of the Department of Computer Science was held on 9<sup>th</sup> March 2017 in the Board room, St. Josephs Degree and PG college at 2.00 PM. **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 **Rev Fr. Vincent Arokiadas**, principal, St. Joseph's Degree & PG College. The Agenda for the meeting was read by the Chairman. Minutes of previous meeting was read by the Mrs. Madhuri paul Asst. professor St. Joseph's Degree & PG College and were approved by the members. Mrs. Kiran Jyothi, BoS Chairman thanked all the BoS members for their valuable suggestions. The meeting concluded at 4.00 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