

DEPARTMENT OF COMPUTER SCIENCE



ANNUAL REPORT - 2010 - 2011

ST. JOSEPH'S DEGREE & P.G COLLEGE

(Accredited by NAAC with "A" Grade with a CGPA of 3.51)

HYDERABAD

2010-11

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.*

Faculty:

SL. NO.	NAME OF THE TEACHER	DESIGNATION	QUALIFICATION
1	Rev. Fr. Dr. V. K. Swamy	Principal	M. Sc., M. Ed., PGDCA, Ph. D., MBA, M. Phil.
2	Dr. K. Malla Reddy	Professor & Director	MA, M.Phil., Ph.D.
3	Mr. A. Inna Reddy	HoD & Associate Prof.	MCA, UGC-NET
4	Mr. M. Joseph Rajakumar	Associate Prof.	MCA, M. Phil.
5	Mrs. M. Kiran Jyothi	Associate Prof.	MCA
6	Mr. M. S. Ramesh	Associate Prof.	M. Sc., M. Phil.
7	Mrs. Mihira Priya	Associate Prof.	M.Sc., M.Tech.
8	Ms. Sumayyah Fatima	Assistant Prof.	MCA
9	Mrs. T. Esther Ratna	Assistant Prof.	M. Sc. (CS), M.Phil.
10	Mrs. B. Leelavathy	Assistant Prof.	B.Tech (CS)
11	Mrs. S. Angela Mercy	Assistant Prof.	MCA
12	Mrs. I. Chandana	Assistant Prof.	MSc (CS), M.Phil.
13	Ms. Haritha Deshpande	Assistant Prof.	MCA
14	Mr. Pavan	System Administrator	B.Tech

Faculty Attended Seminars:

- A seminar on “Teaching tips” was organized on the occasion of teachers day at Jetking, secunderabad wherein simple tips to grab the attention of students etc., was discussed, which was very motivating and beneficial
- Mr. M. Joseph Rajakumar & Mr. A. Inna Reddy attended “A Two Day Workshop on Information Security” on 7th & 8th December 2010, at SIDDHARTHA INSTITUTE OF ENGINEERING AND TECHNOLOGY. The Information Security workshop focused on essential requirements of security, and also explored the broad research areas in the field of Network Security, Cryptography and Information Security as well.
- Ms. Sumayyah Fatima attended a two day “Faculty Development Programme on PHP & Python” at Padala Rami Reddy Colleges, Gandipet on 25th & 26th March 2011. The workshop was organized to give insights into the updated curriculum of UNIX Programming introduced in MCA II year II semester.
- Mr. M. Joseph Rajakumar & Mrs. Leelavathy attended the launch of ION (Education Solution) by Tata Consultancy Services at the hotel Taj Banjara on 12th April, 2011.
- Mrs. B. Leelavathy attended a Two Day faculty orientation programme on "Advanced Software Engineering & Embedded Systems" on 25th & 26th May, 2011 organized by Osmania University.

Events Organized

Sl. No.	Name of the event	Date organized	Organization / Organizer
1	Seminar on Hardware & Networking	30 June,2010	Jetking
2	Mini Project Seminar	9 th & 21 st August,2010	Datapoint
3	Mini Project Seminar	2 nd September,2010	NeoApp
4	Mini Project Seminar	14 th September,2010	Mygo Infomatics
5	Awareness Campaign on “World Ozone Layer Safety Day”	16 th September,2010	Prof. K. Purushottam Reddy
6	Employability & Language Skills	22 nd September,2010 – 22 nd October, 2010	Department of English, St. Joseph’s Degree & PG College.
7	Aptitude test	10 th October,2010	CMC
8	Seminar on Goal Setting	3 rd November,2010	Prof. V.V. Sanyasi Rao
9	Workshop on Cyber Security Solution	4 th January, 2011	E2 Labs by Dr. Zaki Qureshy

BRIDGE COURSES FOR MCA I YEAR I SEMESTER(2008-09)

The students admitted in the MCA course come from varied streams like B.Com, B.Sc etc. to maintain equilibrium between different categories of students, bridge course is introduced at the beginning of the course. For a week, each lecturer teaches the basics of the subject followed by a test. This test helps the faculty to prepare the lectures that caters the needs of all the students.

Following are the bridge courses conducted

1. Problem solving skills

Mrs.A.Angel Mercy

- Problem solving approach
- Basics of Programming Language
- Flow Chart
- Aptitude & reasoning

2. Basics of Computers

Mrs.M.Kiran Jyothi

- General computer terminology
- Components of Computers
- Types of computers
- Hardware and software
- Basics of Internet & World Wide Web

3. Basics of Statistics

Mr.Rajesh

- Basics of Probability
- Measures of Dispersion
- Measures of Central Tendency
- Basics of Distribution Theory

4. Basics of Economics

Miss.Neha

- Basics of Financial Services
- Basics of Accounting
- Basics of National Income
- Banking and Services

• Tutorials and Remedial classes

Degree:

Tutorials : Two hours per week for each subject were allotted for the tutorials, Remedial and preparation for backlog papers was organized to cater to the needs of slow learners and the students who have failed in the previous year. Students were given time and a topic to study and a test was conducted after the time elapse during the revision classes.

MCA:

Two hours of Tutorial / Remedial were conducted.
Slow learners were given extra coaching after the college hours.

Placement Activities

- ❖A workshop on " Business Ethics " was conducted on 10 Jun, 2011 by Deloitte for MCA I Year students which covered the topics like Business Etiquette , do's & don'ts of an Employee in an organization.
- ❖A Seminar on " Testing Concepts " by J. Srinivas Reddy, Reliance Global Services for MCA I & II Year on 4 Jun, 2011 which highlighted the Career Opportunities in the field of Testing and pre-requisites for placement.
- ❖To prepare the students for the interviews, the department of English offered a 20 hr "**Job Skills**" course for MCA II Year students in Feb - March, 2011.
- ❖A guest lecture on " **Testing** " was conducted on 03 Dec, 2010 by Mrs. Kiran Jyothi for MCA I yr students which covered the topics on Software Testing, Career opportunities & skills required for the job.
- ❖A seminar on "**Goal Setting**" was conducted by V. V. Sanyasi Rao for MCA I yr students on 03 Nov, 2010.
- ❖To improve the communication skills of the students, Group discussions, Seminars & JAM sessions are conducted regularly by the faculty in their respective subjects.
- ❖Aptitude test was conducted by CMC Gachibowli on 04 Oct, 2010 for MCA III Year for testing their IQ levels.
- ❖To prepare the students for the interviews, a workshop on " **Employability Skills**" was conducted from 20 Sep - 20 Oct, 2010 in the campus for MCA III yr students by the faculty of English department.
- ❖To improve the communication skills of the students, one month course on "**Basic English Skills**" was conducted by Ms. Sumayyah Fatima of our department which covered the topics like self introduction, verbal skills, JAM etc..

Apart from these various other activities are included in the daily timetable to accustom the students with the ongoing interview processes like

1. Mock Interviews
2. Group Discussions
3. Aptitude and reasoning test
4. Seminars
5. Mini projects
6. Soft skills training
7. Debugging & Programming test

Awards & Rewards

The following students were rewarded for securing the highest mark in their MCA course.

Sl. No	Roll No	Name	Percentage	Details
1	O62 – 08 - 008	Lingareddy Prashanth	75%	Rs. 1000 / - , Certificate & a memento
2	O62 – 08 - 054	B.Rajendra Prasad	74%	Rs. 750 / - , Certificate & a memento
3	O62 – 08 - 028	V. Narendhar Reddy	74%	Rs. 500 / - , Certificate & a memento

Best outgoing student: Mary Jyothi Rani from MCA III year was judged the “**Best Outgoing Student**” for her all round performance in both the academics and extra curricular activities.

Roll No	Name	Class	Details
062 – 08 - 022	Mary Jyothi Rani	MCA III Year	Certificate & a memento

100 % Attendance: G.Rajkumar of MCA II year was rewarded Rs. 500/- for his regularity

Roll No	Name	Class	Details
121409862034	G.Rajkumar	MCA II Year	Rs. 500 / - & a Certificate

Extra Curricular Activities for MCA I, II, III year students

Inter college competitions:

The students of MCA II Year represented the college at Avanti IT meet – 2010 – 11 and won prizes for Quiz and painting competition.

Quiz Competition

Sl.No.	Roll No	Name	Prize
1	121409862019	B.Sarita	II
2	121409862032	B.Suchita	II
3	121409862040	Mary Angeleena	II

Painting Competition

Sl.No.	Roll No	Name	Prize
1	121409862045	Priyanka Joshi	III

Cultural & Literary Competitions:

Sl. No.	Name of the event	Date organized
1	Rangoli Competition	29 th October,2010
2	Quiz Competition	1 st November,2010
3	Bouquet Arrangement	1 st November,2010
4	Enact Competition	2 nd November,2010
5	Rangoli Competition	3 rd November,2010
6	Documentary Movie Making	5 th November,2010

The department organized various extra curricular activities to help students to show their talents. The winners list is as follows

Elocution

Sl. No.	Roll No	Name	Class	Prize	Details
1	121410862006	Cassandra Maria Salvadore	MCA I	I	Certificate + Momento
2	06209042	James Watkins	MCA III	II	Certificate + Momento
3	121410862009	K.Maria Das	MCA I	III	Certificate + Momento

Quiz

Sl. No.	Roll No	Class	Name	Prize	Details
1	121409862035	MCA II	N.Santhosh Reddy	I	Certificate + Momento
	121409862038		P.Ashok		Certificate + Momento
2	121409862003	MCA II	T.Prathyusha	II	Certificate + Momento
	121409862019		V.Monica		Certificate + Momento
3	121410862001	MCA I	B.Bhanu Chandra	III	Certificate + Momento
	121410862005		Chandini Bhandari		Certificate + Momento

Rangoli

Sl. No.	Roll No	Class	Name	Prize	Details
1	06209006	MCA III	E. Flora Nishitha	I	Certificate + Momento
	06209019		M. Poojitha Rani		Certificate + Momento
	06209008		G. Bala Priyanka		Certificate + Momento
2	121410862042	MCA I	P.Rajitha	II	Certificate + Momento
	121410862024		S.Srinivas		Certificate + Momento
	121410862040		G. Sanjay Reddy		Certificate + Momento
3	121409862003	MCA II	T.Prathyusha	II	Certificate + Momento
	121409862017		V.Monica		Certificate + Momento
	121409862019		B.Saritha		Certificate + Momento
4	06209015	MCA III	K.Stephy Star	III	Certificate + Momento
	06209022		Y. Mary Jyothi Rani		Certificate + Momento
	06209026		K. Prakashamma		Certificate + Momento

Documentary Movie Making

Sl. No.	Roll No	Class	Name	Prize	Details
1	06209018	MCA III	M. Kiran Kumar	I	Certificate + Momento
	06209042		James Watkins		Certificate + Momento
2	121409862003	MCA I	T.Prathyusha	II	Certificate + Momento
	121410862017		P.V.Monica		Certificate + Momento

Mehndi

Sl. No.	Roll No	Class	Name	Prize	Details
1	06209013	MCA III	J.Rukmini	I	Certificate + Momento
2	06209008	MCA II	G. Bala Priyanka	II	Certificate + Momento
3	121409862013	MCA II	P.Swetha	III	Certificate + Momento

Enact

Sl. No.	Roll No	Class	Name	Prize	Details
1	06209004	MCA III	A. Sanjeev Kumar	I	Certificate + Momento
	06209018		M. Kiran Kumar		Certificate + Momento
	06209028		T.R.Sandeep		Certificate + Momento
	06209030		T.Pratheep Reddy		Certificate + Momento
	06209042		James Watkins		Certificate + Momento
2	121409862002	MCA II	A.Madhu Prasad Varma	II	Certificate + Momento
	121409862007		G. Pavan Kumar		Certificate + Momento
	121409862026		T.Randeep		Certificate + Momento
	121409862031		Sumeet Kerketta		Certificate + Momento
	121409862039		Sumit Bengani		Certificate + Momento
3	121410862001	MCA I	B. Bhanu Chandra	III	Certificate + Momento
	121409862007		M. Sravan Goud		Certificate + Momento
	121409862014		B.Srinivas		Certificate + Momento

Hodge – Podge

Sl. No.	Roll No	Class	Name	Prize	Details
1	06209002	MCA III	A.Mahesh Kumar	I	Certificate + Momento
	06209004		A. Sanjeev Kumar		Certificate + Momento
2	121409862017	MCA II	V.Monica	II	Certificate + Momento
	121409862040		A.Mary Angeleena		Certificate + Momento
3	121409862002	MCA II	A.Madhu Prasad Varma	III	Certificate + Momento
	121409862039		Sumit Bengani		Certificate + Momento

Flower Arrangement

Sl. No.	Roll No	Class	Name	Prize	Details
1	121409862040	MCA II	A.Mary Angeleena	I	Certificate + Momento

Certificate of Appreciation

The following students of MCA III Year were awarded a certificate each for their active participation in various activities organized by the department.

SL. No.	Roll No	Name	Details
1	06209001	A. Samrat	Certificate
2	06209006	E. Flora Nishitha	Certificate
3	06209015	K. Showry Stephy Star	Certificate
4	06209017	Vijay Kumar	Certificate
5	06209018	M. Kiran Kumar	Certificate
6	06209028	T.R. Sandeep	Certificate
7	06209030	T. R. Pratheep	Certificate
8	06209042	James Watkins	Certificate
9	06209046	P. Srinivas	Certificate

SASMITA – Social Service

Visit to “Integrated Welfare Society” – Home for the Aged & Mentally Ill, at Qutubullahpur, Hyderabad on 21st December, 2010. The staff and the students contributed in buying the gifts for the inmates and the lunch was sponsored by the management. Christmas was celebrated in its true spirit by as the inmates joined the faculty and the students in singing the carols and the end of the celebrations was marked by the cake cutting ceremony.

Events Organized:

A workshop on **Hardware & Networking** was organized on 30 June, 2010, for the final Year Students of B.Sc & B.Com by JetKing, India’s No1 Hardware & Networking Institute, Secunderabad. Hands on experience of Assembling & Disassembling of computers and details about various components and its peripherals were discussed.

Project Seminar: As part of the academic project, mini project seminars were organized for the MCA III year I semester on 9th & 21st August, 2nd September & 14th September, 2010 by resource persons from Datapoint, NeoApp & Mygo Informatics respectively, to create awareness among the students about project life cycle and technology implementations.

The **Project Management Life Cycle** was discussed and four phases viz Initiation, Planning, Execution and Closure were dealt in detail. The importance to organize project phases into industry-specific project cycles was also discussed, since each industry sector involves specific requirements, tasks and procedures when it comes to projects because different industry sectors have different needs for life cycle management methodology.

Awareness Campaign on “**World Ozone Layer Safety Day**” organized for MCA students to commemorate The United Nations' (UN) International Day for the Preservation of the Ozone Layer on 16th September 2010. The speaker for the day was retired Prof. K. Purushotham Reddy, from Osmania University. He stressed on the importance of Saving trees as they save life by inhaling harmful gas carbon-di-oxide, more sustainable behavior in our daily lives like saving energy at every step. And also to use technologies which are environment-friendly, like bio-fertilizers the expansion of carbon trading by the developed countries from developing countries globalize the technologies to the under developed nations that supports the climate.

Employability & Language Skills:

22nd September, 2010 – 22nd October, 2010, Department of English, St. Joseph’s Degree & PG College organized a month long workshop for MCA III year students. The prime focus of the workshop was on improving the oral and written communication according to the current market needs and over all personality development.

Aptitude Test: To enhance employability skills as part of the pre-placement activity the department in collaboration with CMC, Hyderabad, conducted a mock test of ability for MCA final year students on 10th October, 2010.

A seminar on “Issues in Industrial Development” by Mr. Jebamalai Vinanchi Arachi was organized on 18th September, 2010. Prof .Jebamalai Vinanchi Arachi spoke on the Topic “Emerging Development Realities” He said that no country aims to do development without the development of industry. High degree of maturity is required. Our mundane is ecologically balance. The era of III INDUSTRIAL REVOLUTION we are in now and thanks to the Technological marvel under by jobless growth. Further he explained Patterns of development :

HIGH CAPABILITIES AND HIGH PERFORMANCE	HIGH CAPABILITIES AND LOW PERFORMANCE
LOW CAPABILITIES AND HIGH PERFORMANCE	LOW CAPABILITIES AND LOWPERFORMANCE

He highlighted the three L’s –

1. LINK
2. LEVERAGE AND
3. LEARN

And to achieve these three L’s we have to achieve these three C’s

1. COMPLY
2. CONNECT
3. COMPETE

He further mentioned about transformation change. R&D plays a crucial role. He further opined that India and China are emerging as great economic powers. We can generate growth and development . China is where it is because of innovative minds. He gave extremely interesting live examples like a small village where it is accounting for 67% of button production. Every year there are Button making seminars arranged in this village. He also shared his own experience from primary school to that of his university gold medal achievement. He said hard work is the mother of good luck. He also said that it is important to have the right attitude and aptitude to motivate others to achieve things in life. He concluded with two experiences in his office as Boss, and quoted that

“You will not be good enough as long as your best is not good enough

Goal Setting - An Individual Development Course, by V. V. Sanyasi Rao on 03 Nov, 2010. The speaker defined goal in very beautiful way as first goals are set then goals face obstacles then these obstacles have solution which then have different possibilities. He then gave abbreviation for champion which is as follows

- C – Character
- H – Honesty
- A – Attitude
- M – Motivation
- P – Perseverance
- I – Innovation
- O – Optimistic
- N – Never say ‘NO’

RESULT ANALYSIS:

RESULT	DISTINCTION	I CLASS	II CLASS	III CLASS	FAIL	TOTAL
NO. OF STUDENTS	6	38	3	3	6	56
%	11%	62%	6%	6%	11%	100%

