

# Department of Physics & Electronics

## Activities for 2009 – 10

### Bridge course

The department conducts bridge Course for I year B.Sc students both in physics & Electronics to bridge the gap in knowledge level from +2 to UG in basics in fundamental Physics , Electricity and semi-conductor Physics.

#### Tutorials

From June 3<sup>rd</sup>, 2009 onwards the department conducts remedial classes to help slow learners. These classes are conducted for both III Yr and II Yrs and the schedule is included in their regular class time table till October.

### Departmental Activities

1 The departments of Computer Science and Physics & Electronics jointly organized a **workshop** for III B.Sc students on 25<sup>th</sup> June ,09 with JetKing , Hyderabad. This program was organized to enrich student Knowledge in PC Assembling & De-Assembling with hands-on experience.

### Special Days: Celebrations

A) A retro-event to “**Recapitulating 40<sup>th</sup> Anniversary of the Apollo 11 Mission Landing on the moon**” was conducted on 1<sup>st</sup> Aug 09. The department conducted events like poster /Models Presentation and power point presentations .Students of IB.Sc & II B.Sc(MPCs) exhibited posters on Milky Way,Universe,Black holes, Apollo 11 Mission etc., and also the students presented PPTs on similar topics. Dr.Malla Reddy ,Director of PG Studies And Prof. Moses were the guests on this occasion.

### Faculty Enrichment programs

- Faculty members L.Mihira Priya and Mr. MLN Rao attended a seminar on Embedded Technology conducted by IBM Corporation as a part of curriculum enrichment program.
- Faculty member L.Mihira Priya joined M.Phil program at Nagarjuna University.

- Mr.MLN Rao as a member of Divya Disha, attended child rescue programme at secunderabad railway station.

## Student Participation

### Science Club Activities

Science Club Annual Meeting was held on Aug 29,2009 to form a Event Managing Group consisting 3 to 4 representatives from each class. These groups are responsible for organizing various events every month.

<b>Date</b>	<b>Event</b>	<b>Organized by</b>
19.09.09	Quiz	III B.Sc
9.10.09	Debate	I B.Sc
December	On-line Quiz/ Poster Making (proposed)	II B.Sc

### Science Day Celebrations

From Nov 9<sup>th</sup> onwards the department

conducted events for both UG & PG Students on various issues of Science .In all the events like Painting, Essay Writing, Spin-a-Yarn, Power Point Presentations students participated enthusiastically and shared their views on the impact of Science in our lives.

### Other Activities

#### 1. Student Seminars

To direct student towards e-learning in various areas of related subject and to guide fast learners, faculty allotted various topics for students to present them in the classroom.

<b>S.NO</b>	<b>Topic</b>	<b>Student name/Class</b>	<b>Date</b>
1.	Trends in Digital Electronics (Curriculum based)	Micheal John III Yr	3.06.09
1.	Communication System (Curriculum Based)	Susai Marian & Bharat II Yr	16.07.09
2.	Networking(Beyond	Fedrick & Aavinash	24.07.09

	Curriculum)	IIYr	
3.	Nanotechnology(Beyond Curriculum)	Sunitha.P II Yr	15.09.09
4.	Lasers(Curriculum Based)	Adnan II Yr	

## 2. Assignments

The Department encourages students to take up assignments either in group or individually. Few of the topics are mentioned in the table.

S.NO	Topic	Student name/Class	Date
1.	Digital Electronics	Micheal John III Yr	June 14 <sup>th</sup> , 09
2.	Joule-Thomson Cooling	Pavan Kumar II Yr	25.09.09
3.	Fresnel's Biprism	Mohd.Farahan	18.09.09

## 3. Extra Curricular Activities

For all round growth of student, the department always encourages students to actively involve themselves in various happenings in other organizations & within the campus.

S.No	Event	Participated Group	Event Organisers
1.	Essay Writing Comp.	Participants from all Groups of B.Sc	Indian Red Cross society .
2.	Embedded Systems-seminar	5 students of III Yr(Elec)	IBM ,Hyd.
3.	Extension activity – Computer classes taken	IIIYr&Iyr B.Sc	Dept of Computer Science,SJC
4.	Poster Presentation & Seminars	II Yr	Dept of Phy&Elec,SJC
5.	Constellations-09'	II Yr	St.Francis College for Women.
6.	Week NSS Camp	III Yr & IIYr	NSS wing SJC

#### 4 Students working with their projects

S.NO	Project Title	Student Name	No.of days taken to complete
1.	AM receiver(Jetking kit) (Individual & Group)	Kranthi kumar	4 days
2.		P.Sunitha	6days
3.		Rambo singh	6days
4.		Mary sindhura	5days
5.		D.Nandini	5days
6.		Deepika	6 days
7.	Fridge door alarm(tested on bread board)	Susai Marian	3 Days
8.	Rain Detector	A.Vinay sai Krishna	7 days

#### Placement details & Programs

1. AS a part of placement activity the department conducted **Mock Interviews** with the coordination of the department of Business Management. The Alumni interacted with the students and gave suggestions on some topics.
2. The department arranged a **talk** by Ms.Kiran , Lecturer .in English on “Learn English Corporate way” for II B.Sc students.