

# **ANNUAL QUALITY ASSURANCE REPORT**

of

**SATHYABAMA UNIVERSITY  
FOR THE ACADEMIC YEAR 2011 - 2012**

Submitted by

**INTERNAL QUALITY ASSURANCE CELL (IQAC)**



**SATHYABAMA UNIVERSITY**

**(Established under Section 3 of UGC Act, 1956)**

**(A Christian Minority Institution)**

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**Name of the Institution: SATHYABAMA UNIVERSITY**

**Year of Report : 2011 - 2012**

## INDEX

Sl. No	Description	Page No
	<b>Part A</b>	
	<b>The Plan of action Chalked out by the Department in the beginning of the year towards quality enhancement and the outcome achieved by the end</b>	5
	<b>Part B</b>	
1.	Activities reflecting the goals and objectives of the Department	14
2.	New academic programmes initiated (UG & PG)	16
3.	Innovations in curricular design and transaction	16
4.	Interdisciplinary programs started	17
5.	Examination reforms implemented	18
6.	Candidates qualified: NET/SLET/GATE etc.	18
7.	Initiative towards faculty development program	18
8.	Total no. of seminars/Workshops conducted	19
9.	Research Projects	
	a) Completed	19
	b) Newly implemented	20
10.	Patents generated if any	20
11.	New collaborative research programs	21
12.	Research grants received from various agencies	21
13.	Details of research scholars	22
14.	Citation index of faculty members and impact factor	22
15.	Honors/Awards to the faculty	23
16.	Internal Resources generated	24
17.	Details of departments getting SAP, COSIST (ASSIST) / DST.FIST, etc. assistance/recognition	24
18.	Community services	24
19.	Teachers and Officers newly recruited	33
20.	Teaching-Non teaching staff ratio	33
21.	Improvements in Library services	33
22.	New Books/Journals subscribed and their values	38

23.	Courses in which students assessment of teachers is introduced and the action taken on students feedback	39
24.	Unit cost of education	40
25.	Computerization of administration and process of admission and examination results, Issue of certificates	40
26.	Increase in infrastructural facilities	40
27.	Technology upgradation	41
28.	Computer and internet access and training to teachers and students	41
29.	Financial aid to the students	41
30.	Activities and support from the alumni association	41
31.	Activities and support from the Parents Teachers association	41
32.	Health services	42
33.	Performance in sports activities	42
34.	Incentives to outstanding sports persons	44
35.	Students achievements and awards	44
36.	Activities of the guidance and counseling unit	46
37.	Placement service provided to the students	47
38.	Development programmes for non-teaching staff	52
39.	Healthy practices of the Department	52
40.	Linkages developed with National/International, academic/Research bodies	52
41.	Any other relevant information the Department wishes to add	54
	<b>Part C</b>	
	<b>Detailed Plans of the Department for the next year</b>	60
	<b>ANNEXURE I Initiative towards Faculty development programmes</b>	61
	<b>ANNEXURE II Number of Seminars &amp; Workshops</b>	65
	<b>ANNEXURE III Details of research scholars</b>	70
	<b>ANNEXURE IV Details of newly recruited teachers</b>	73
	<b>ANNEXURE V Library services</b>	74
	<b>ANNEXURE VI Placement</b>	99

## **Part A**

### **The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year**

Sathyabama University has been constantly striving for the all round development of the personalities of its scholars by passing on faithfully the cultural, scientific, and technological experience of mankind accumulated over the centuries, and thereby ensuring the continuity and advancement of human civilization. Further it is striving to set itself in line with the institutions of excellence of parallel stature through appropriate linkage with a few centers of higher education and research in the national and international arenas.

Internal Quality Assurance Cell (IQAC) of Sathyabama University has made a significant progress, in internalizing and institutionalizing the quality enhancement policies with a conferment of autonomy in the last year. Encouraged by its efforts in creating quality consciousness among the faculty, it devised a plan for 2011-2012.

The following were the main programs planned by IQAC in its meeting held on 25<sup>th</sup> June, 2011. The primary task of the IQAC is to monitor the progress made on the suggestions given by the IQAC members appointed by the university and to prepare status reports on various issues. The recommendations of these members are thoroughly discussed in the IQAC meetings and action plan based on the suggestion is prepared. The suggestions of IQAC are put before the academic/administrative bodies of the University for initiating further action. The decisions taken are being implemented for the sustenance and enhancement of quality. All the activities of the University are conducted with its vision, mission and objectives in mind: to form men and women who are intellectually alert, morally upright, religiously oriented, socially conscious, culturally distinct, and nationally integrated.

Sathyabama University continued to focus on the innovative and unique practices that add to its academic ambience stressing on the parameters underlined for the cause- Educational innovations, working with specific mission and goals, Plan for University growth and Feedback for improvement of institutional functions.

The following are main areas on which IQAC of Sathyabama University, has concentrated on:

- ❖ **Academic activities**
- ❖ **Research Activities**
- ❖ **Administration**
- ❖ **Infrastructural facilities**
- ❖ **Co- curricular activities**
- ❖ **Extracurricular activities**
- ❖ **Sports**

### **ACADEMIC ACTIVITIES**

- To provide high quality education by introducing innovative courses which have good job potential and scope for advanced research.
- To create advanced facilities for teaching and training in each and every department, Internet usage would be encouraged to make the students to get access to on-line education and self learning and to develop creativity. Central facilities and training programmes for developing soft skills would be established.
- More number of bridge courses and vocational courses would also be offered to supplement the regular courses so as to enable the students to secure jobs soon after the completion of their courses.
- It is proposed to promote educational programmes in various disciplines both in UG and PG level with synergetic interaction with industry and society, and thus develop knowledge and skills of students to equip them to face the challenges and needs of the emerging knowledge society.
- It is planned to have increased intake for the core branches.
- The university is committed to empower the faculty, Research scholars and students with in depth knowledge and awareness of current developments. For that it is decided to conduct a number of international conferences on current topics of interest and areas of research by groups of departments, and hence contributing to the advancement of knowledge through research and publications which leads to knowledge products.

- It is planned to endeavor and update the quality of faculty members constantly in terms of academics and research and to encourage faculty members to generate resource by way of submitting research projects and undertaking consultancy and extension activities.
- It is planned to achieve international standards by acquiring advanced expertise in the area of teaching, training and research.
- It is proposed to modernize library facilities and to spend more money for purchase of new books and journals.
- It is planned to upgrade technology and computerization of different section.
- It is planned to show an upward trend in the publication of books and research papers.
- To ensure the students of Aeronautical Engg Branch, for developing their qualities towards the design, maintenance and development and manufacturing of various types of aircrafts.

## **RESEARCH ACTIVITIES**

- To develop collaborative academic and research programmes with National and International institutions and industries.
- The University has already developed good interaction with a number of institutions manifested in the conclusion of MoUs with several reputed institutes. In the pipeline are the MoUs with some more institutes for carrying out collaborative research and training programmes. Efforts would be made to procure research funding through industrial collaborations and other major research organizations like Dept. of Bio Technology, Dept. of Science and technology and so on.
- It has been planned to set up an Automated Test Engineering Laboratory (ATE Lab) in collaboration with QMax Test Equipments Pvt. Limited. This lab will be used for imparting training to Students, Professionals working in industries and research organizations. This lab also would be used to provide inplant training and for doing projects for students of our university.
- It has been proposed to set up a solar based Computer laboratory for our hostel and then it is planned to extend the same to the main computer labs also.

- A research proposal on Technology Business Incubator is submitted to Dept. of Science and Technology and it is under pipeline.

### **ADMINISTRATION**

- It has been planned to decentralize Arts, Science and Engineering branches for effective administration.
- It is also proposed to develop and implement a computer based Bio metric entry system for Staff and hostel students. And in due course , it is planned to introduce the same to all students.
- The e-Governance would be further strengthened in all sections of University administration and academic establishments for quick and efficient information exchange.

### **INFRASTRUCTURAL FACILITIES**

- To enhance the infrastructural facilities by creating Technology park
- Top priority would be accorded to the development of state-of-art laboratory facilities.

### **CO- CURRICULAR ACTIVITIES**

- A number of international conferences on current topics of interest and areas of research by groups of departments are conducted in the last academic year in collaboration with research organizations. This year also, it is planned to conduct the same to promote the interest of research scholars and faculties.
- The University publishes many Biannual international journals in the field of Electronics, Mechanical and production, Bio Engg and so on. Four Bi-Annual International Journals were released in respective International Conferences viz., Journal on Intelligent Electronic Systems (JIES), Journal on Applied Bio-Engineering (JAB), Journal on Design & Manufacturing Technologies (JDMT) & Journal on Information Sciences & Computing (JISC). This academic year also, steps are taken for bringing out the different journals in the stipulated time.
- It has been planned to organize Faculty development programmes in collaboration with leading research organizations and industries.



- To promote the interest of our students, it is also proposed to conduct Dept. Symposium, in the national level.
- To motivate the students to appear GATE, GRE, TOEFL with good percentage for enhancing their career.

### **EXTRACURRICULAR ACTIVITIES**

- To give equal opportunity to women students in order to prepare them to be effective leaders, by way of organizing an exclusive women festival.
- In this connection, a women's festival "FEMFEST" was conducted by the University wherein the participants and organizers were only girls. It is for the girls students of other colleges and universities, organized by our university girls. Various cultural programmes and competitions were conducted and many participants from different colleges and universities participated. This festival was conducted in a grand fashion and this year also it is planned to conduct the same.
- It is proposed to conduct "UNIFEST" in either Regional level or All India level, which is organized by the Association of Indian Universities.

### **SPORTS**

- We have very good sports facilities in our University. In addition to that, we plan to have a fully fledged Volley ball court and basket ball court.
- We also propose to bring out a athletic track as per international standards.

And finally we wish to transform Sathyabama University into an institute of Excellence. In view of the major strengths of Sathyabama University in imparting quality education, good training, extension activities and innovative research programmes in variety of areas, the University has plans to establish Centers of Excellence in various emerging fields..

IQAC, in its onward march towards achieving the above mentioned in the action plan, introduced medications as and when necessary along with ongoing programmes. In the process of phased implementation, the university was able to succeed in bringing qualitative changes in academic and administrative activities.

## **OUTCOME ACHIEVED DURING THE END OF THE YEAR 2011-2012**

### **• ACADEMIC ACTIVITIES**

- To create advanced facilities for teaching and training in each and every department, Internet usage would be encouraged to make the students to get access to on-line education and self learning and to develop creativity. Central facilities and training programmes for developing soft skills are established.
- More number of bridge courses and Foreign language courses like Japanese, French etc., is also be offered to supplement the regular courses so as to enable the students to secure jobs soon after the completion of their courses.
- To promote educational programmes in various disciplines both in UG and PG level with synergetic interaction with industry and society, and thus develop knowledge and skills of students to equip them to face the challenges and needs of the emerging knowledge society. New UG, PG courses were imitated in various disciplines. Some of them are, B.Sc(Avionics), B.Sc (Air Hostess), B.E (Automobile Engg), M.E(Embedded System Design), M.Tech (Nano Technology) etc.
- The intake for the core branches like CSE, ECE, Mechanical, Civil, EEE etc.,is increased.
- Two Industrial visits per semester for all the students arranged by all the departments to have constant interaction with the industry.
- The university is committed to empower the faculty, Research scholars and students with in depth knowledge and awareness of current developments. For that a number of international conferences are conducted on current topics of interest and areas of research by groups of departments, and hence contributing to the advancement of knowledge through research and publications which leads to knowledge products.
- The faculty members are encouraged to generate resource by way of submitting research projects and undertaking consultancy and extension activities.
- The library facilities are modernized computer entry system is introduced and more money is spent for purchase of new books and journals.
- It is clearly seen that there is an upward trend in the publication of books and research papers.

- Faculty development programs were conducted by various departments.. Faculty underwent training programs, attended seminars / workshops for strengthening their technical skills.
- In order to maintain the quality and standard of the system, examination reforms have been initiated. The University follows the conduction of continuous assessment tests to improve academic performance of the students.
- Syllabi are framed as per industrial requirements with the guidance from academic & industrial persons. New subjects were added to the curriculum and subjects are modified to suit the industrial needs.
- The departments strive to achieve good results in the university examinations through consistent and methodical coaching of the syllabus prescribed. As a measure to increase the number of students being placed through the campus, several extra-curricular programs such as, Personality development, Communication classes, Group discussion etc, were conducted. Students are encouraged to participate in the technical Meets and other competitive programs conducted across India. Research studies and project work by students are given due consideration to enhance their presentations and higher studies.

## **RESEARCH ACTIVITIES**

- Collaborative academic and research programmes with National and International institutions and industries were taken up. Research activities are undertaken from leading government funding agencies.
- The University has already developed good interaction with a number of institutions manifested in the conclusion of MoUs with several reputed institutes. In the pipeline are the MoUs with some more institutes for carrying out collaborative research and training programmes. Efforts would be made to procure research funding through industrial collaborations and other major research organizations like Dept. of Bio Technology, Dept. of Science and technology and so on.
- Automated Test Engineering Laboratory (ATE Lab) is been set up in collaboration with QMax Test Equipments Pvt. Limited. This lab is used for imparting training to Students, Professionals working in industries and research organizations. This lab is

also used to provide inplant training and for doing projects for students of our university.

- A research proposal on Technology Business Incubator is submitted to Dept. of Science and Technology and it is under pipeline.
- As a part of research and development work, many faculty members have registered for Ph.D

## **ADMINISTRATION**

- A computer based Bio metric entry system for Staff is developed and implemented. And in due course, it is planned to introduce the same to all students.
- The e-Governance would be further strengthened in all sections of University administration and academic establishments for quick and efficient information exchange.

## **INFRASTRUCTURAL FACILITIES**

- The infrastructural facilities are enhanced in all the departments and it is planned to create Technology park
- Top priority would be accorded to the development of state-of-art laboratory facilities.

## **CO- CURRICULAR ACTIVITIES**

- The University publishes many biannual international journals in the field of Electronics, Mechanical and production, Bio Engg and so on. Four Bi-Annual International Journals were released in respective International Conferences viz., Journal on Intelligent Electronic Systems (JIES), Journal on Applied Bio-Engineering (JAB), Journal on Design & Manufacturing Technologies (JDMT) & Journal on Information Sciences & Computing (JISC). This academic year also, four biannual international journals were published and were released in the International conference.
- Many Faculty development programmes were organized by the University, in collaboration with leading research organizations and industries.

- Dept. Symposium, in the national level, is conducted by all departments, to promote the interest of our students.
- Special training programs / guest lectures and personality development programs were arranged to all the students of different branches.
- Placement opportunities were enhanced and students were placed in various leading organizations.

### **EXTRACURRICULAR ACTIVITIES**

- To give equal opportunity to women students in order to prepare them to be effective leaders, by way of organizing an exclusive women festival.
- In this connection, a women's festival "FEMFEST" was conducted by the University wherein the participants and organizers were only girls. It is for the girls students of other colleges and universities, organized by our university girls. Various cultural programmes and competitions were conducted and many participants from different colleges and universities participated. This festival was conducted in a grand fashion and this year also it is planned to conduct the same.
- It is proposed to conduct "UNIFEST" in either Regional level or All India level, which is organized by the Association of Indian Universities.
- NCC / NSS and blood donation camps were arranged to encourage the students in the social welfare activities.

### **SPORTS**

- We have very good sports facilities in our University. In addition to that, we have a fully fledged Volley ball court and basket ball court.

## Part B

### 1. Activities reflecting the goals and objective of the University.

- ❖ Four Bi-Annual International Journals were released in International Conference viz., Journal on Intelligent Electronic Systems (JIES), Journal on Applied Bio-Engineering (JAB), Journal on Design & Manufacturing Technologies (JDMT) & Journal on Information Sciences & Computing (JISC).
- ❖ Syllabus up-gradation in line with industrial needs and emerging areas of current interest in Engineering & Technologies has been carried out.  
Restructuring and introduction of new courses: The following aspects have been addressed while designing/redesigning new courses:
  - Interdisciplinary approach
  - Credit based system
  - Introduction of need based modules
  - Encouraging cross disciplinary and cross faculty participation
  - Common instruction in all PG courses for common courses
  - Project work in industry
  - Guest faculty drawn from the industry
  - Global competitiveness
- ❖ The air-conditioned University Auditorium has been utilized for the conduct of International conference and Student/ Staff level Seminar/ Symposium and Conferences which is constructed with a capacity of more than 600 seats for the students, researchers and staff and set higher international standards in Professional, Scientific and R&D activities. It will also be a platform to encourage and inspire intellectual diversity and innovation.
- ❖ To enhance the capabilities in specific areas of design and development of electronic products, few students' projects have been identified and proposals for submission to various organizations for grant-in aid support are in progress.

- ❖ Many faculty development programs & workshops were conducted by various departments.
- ❖ Students are encouraged to work on research oriented projects like urban design, green buildings, sustainable development etc.
- ❖ Students are motivated to participate at National level academic competitions regularly.
- ❖ Career development programs and personality development programs were organized for the benefit of prefinal year students in order to help them in campus recruitment.
- ❖ For familiarization with industrial environment industrial visits are arranged and students have undergone inplant training.
- ❖ Experts from the field of Engineering are invited for guest lecture.
- ❖ Students are encouraged to attend student level symposiums, seminars, national & international level conferences.
- ❖ Constant encouragement is given to the students for their sports activities.
- ❖ Staff and students are motivated to involve themselves in research oriented activities.
- ❖ The student level prize winners in paper presentation at symposium and conferences are given cash awards and certificates.
- ❖ Students are trained on the identified emerging areas to meet the challenges of Industry and R&D Institutes.
  - Visit to Council of Scientific and Industrial Organization (CSIO), National Thermal Power Corporation (NTPC) enabled students to understand the Measurement, Testing and Calibration procedures of various Process Control Instruments.
  - In plant Training at the end of every semester to Industries like NTPC, BSNL, NLC, BHEL etc helps students to have an effective interaction with Industrial environment.
- ❖ Providing consultancy services to industries.
- ❖ Constant support is provided to the students from management and faculty to do the outstanding projects.
- ❖ Students of Dept of Bio technology have been recognized and selected to do projects in renowned research institutes like Central Leather Research Institute (CLRI) Chennai, Centre for Cell and Molecular Biology (CCMB) Hyderabad, IIT Delhi, Jawaharlal

National Institute Delhi, Reliance Life Sciences Mumbai. Few students have also gone to do their final year project in Singapore and USA.

- ❖ Students of the Dept of Bio technology are regularly taken to various scientific industries in different places like Jain Irrigation (Jalgaon); NCL (Pune); Biocon, Genei (Bangalore); Pasteur Institute, Tea Estate; Sericulture (Ooty) to impart practical knowledge
- ❖ Research Support: The University promotes synergy between teaching and research, and encourages its faculty to undertake research and thus contribute to the advancement of knowledge. Several research projects have been started in the year 2007.
- ❖ Staff members are advised to undertake research projects from reputed research organizations and funding agencies such as DST, DRDO, ISRO, IGCAR etc.

## **2. New Academic Program initiated**

No new courses started during the academic year 2011-2012

## **3. Innovations in Curricular Design and Transaction**

The basic aim of the innovation in curricular design is to upgrade the standard of the syllabi so as to enhance the standard of the curriculum on par with the latest development in science and technology and also produce skilled engineer's pleasingly demand in industries for placement.

The following are the newly introduced innovations in curricular design.

1. Introduction of new elective and modification in experiments as staged in syllabi in consultation with leading industries.
2. Credit system has been introduced for all PG programmes. Cumulative Grade Point Average Calculation on a 10 scale basis has been introduced to describe the overall performance of a student from first semester to the last semester. As minimum requirement for award of P.G. degree, a student should have obtained a minimum of 5.0 CGPA.
3. One day in a week has been allotted in the timetable for M.Arch to have interaction with the industry
4. Japanese language has been introduced as an additional optional subject for UG(CSE & IT) students.



5. Department of Electronic Sciences has introduced Functional English to B.Sc. Students which is Practical Oriented.
6. A Scientific exhibition was held at Sathyabama University on March, 2012, best research findings of our students were exhibited (Technovation – 12).
7. Department of EIE provides new labs like Biomedical Instrumentation Laboratory, Digital Signal Processing and Instrumentation System Design Laboratory.
8. Soft Skills Training, Group Discussions and Power Point Presentations were conducted for the I Year students to improve the Communication Skills by the Department of English.
9. In Architecture Department, M.Arch students are asked to do one month training in the firms of Building services and submit a report at the end of the training as a part of their curriculum.

#### 4. Interdisciplinary Programs Started

In order to enhance the knowledge of students where the application is required by interdisciplinary programs, various courses are organized at the University itself at various departments. The following are the interdisciplinary courses started in the academic year 2011-2012.

Sl. No	Department	Name of the Programs	Conducting Department
1	All Departments	C++, Java, J2EE, Visual Programming	IT
2	All Departments	Certificate Course in CAD Software	Mech & Prod
3	All Departments	Certificate Course in CNC Programming	Mech & Prod
4	Bio – Tech	French, German	Concerned Consulate
5	CSE, IT	Japanese	Japanese Consulate
6	Bio – Info	Applied Nanotechnology	Bio – Tech
7	Bio – Info	Tissue Graft Engineering	Bio – Tech
8	Bio – Info	Quantum Chemistry for Ill yr B.Tech	Chemistry
9	Bio – Info	Advanced Computer & Machine Learning	CSE
10	B.Ed	Physical science for B.Ed programme	Chemistry
11	B.Sc, Microbiology, Bio-Tech, Bio-chem	Fundamentals of Chemistry	Chemistry
12	MBA	Bachelor of Commerce (B.Com)	MBA
13	All Departments	Certificate Course in Multi Media	Vis.Com
14	Circuit Departments	Quiz Program	ECE
15	B. Ed	Work shops	English
16	All Engg Branches, MCA	Soft Skills training	English

## 5. Examination reforms implemented

The examination reforms implemented, during June 2011 – June 2012, are as follows:

1. It has been decided to put the results and marks of the candidates in university website after revaluation.
2. A separate software package is developed to collect department wise and course wise student's information and computerized hall tickets are issued to the students to avoid impersonation cases and also to reduce lot of manual work.
3. It has been decided to generate Electronic Data Processing system (EDP), at the examination cell, to generate computer based transcripts, hall tickets and other university certificates.

## 6. Candidates Qualified

The following table shows the list of candidates qualified for GATE/CAT/GRE etc.,

DEPT	GRE	TOEFL	GMAT	IELTS	CAT	GATE	OTHERS
CSE	19	11	7				
IT	3	3		1		1	
EEE	2						
ECE	9	7		3			9
ETCE	1	12	1	1			
E&I	3			1		2	
E&C						1	
M&P						2	1
AERO	11	15					
CHEM	2	2					
BTE	25	6		3		7	
BME	4	2				5	4
CIVIL						2	

## 7. Initiative Towards Faculty Development Programmes

The objective of introducing **Faculty Development programmes** is to conduct or encourage in attending training programmes for developing the knowledge of faculty members. The faculty members attended various faculty development programmes is given in **ANNEXURE I**.

## 8. Number of Seminars & Workshops

ANNEXURE II gives the details of the workshop/seminar conducted at our university during the year 2011-2012.

## 9. Research Projects:

### Completed funded projects

The University had undertaken funded projects from various R&D organizations.

The following table shows the list of completed funded projects:

S.No	Name	Sponsoring Agencies	Amount Sanctioned
1	Campus GIS model for a BHAVINI for Planning, Monitoring and Management of the Site Related Spatial Issues using Remote Sensing and GIS 771/2011 dt 25-07-2011/1	BHAVINI	Rs.4,31,250/-
2	Study on the effect of Off-Shore protection through field survey and Satellite Imaging 771/2011 dt 25-07-2011/2	BHAVINI	Rs.6,76,200/-
3	Continuous Monitoring and Analysis of High Tide and Low Tide Along Shores of BHAVINI 771/2011 dt 25-07-2011/3	BHAVINI	Rs.8,42,000/-
4	Studies on the effect of PFBR on biological life before and after commissioning 771/2011 dt 25-07-2011/4	BHAVINI	Rs.14,03,000/-
5	Augmenting groundwater recharge through select five ancient tanks in Chennai city DST/TM/WTI/2K9/150 dt: 05-01-2011	DST	Rs 14,78,900/-
6	Strategy for increasing per capita availability of water for Gingee town Tamil nadu DST/TM/WTI/2K10/228/(G)	DST	Rs.15,19,200/-
7	Infrared Thermography for Monitoring and Rejuvenating temples,Rock Sculptures,Monuments and Traditional Buildings DST/SSTP/TN/11/141 dt 13-09-11	DST	Rs.13,03,200/-
8	Development of A Drift-Free, Long Pulse Integrator For Steady State Tokamak IPR/NFP/2011/AUG/N/07	BRFST	Rs.14,76,000/-
9	Design of Analog to Information Converter IPR/NFP/2011/AUG/N/08	BRFST	Rs.11,52,000/-
10	Design Of Single Pixel Camera IPR/NFP/2011/AUG/N/06	BRFST	Rs 15,86,000/-
11	Fusion Of IR Thermography And Visible Images Using Stockwell Transform IPR/NFP/2011/AUG/N/01	BRFST	Rs 22,73,000/-
12	Design of Neuro-Fuzzy Controller for Plasma Position Control in Aditya Tokamak IPR/NFP/2011/AUG/N/02	BRFST	Rs.14,39,000/-
13	Monitoring of bioavailability toxicity and trophic transfer of manufactured metal oxide nanoparticles in marine ecosystems A/5041- 1 dt 14-11-2011	IFS (Switzerland)	8,500 \$

### Newly implemented projects

As we are completing the projects in time, the sponsoring agencies are very much interested in sanctioning new projects to our University. The following table shows the list of successfully proceeding and newly implemented projects:

Dept	Name	Sponsoring Agencies	Amount Sanctioned
Remote Sensing	Winter / Summer Science Camp (3 Camps)	DST (INSPIRE)	Rs.39,00,000/-
	International Conference on Nano Science, Engineering and Technology (ICONSET)	BRNS	Rs.2,00,000/-
Ocean Technology	Lecture Series for the Popularization of Biotechnology - 2012 for school & college	DBT	Rs.30,000/-
NDE	Training and Certification course on, "Visual Examination ISNT Level-II"	IGCAR	Rs.75,600/-
	Applications of Advanced Signal/Image Processing for Quality Assurance in Food Processing Industry by IR and UT Imaging	CSIR	Rs.30,000/-
	Workshop on Software Tools for Intelligent Processing of Images (STIP – 2012)	BRFST	Rs.50,000/-
Earth and Atmospheric Science	Application of Geoinformatics for Impact of Climate Change on Natural Resources Management	ISRO	Rs.1,00,000/-
	Application of Geoinformatics for Assessment of Impact of Climate Change on Water Resources	MoES	Rs.1,00,000/-
Dept. of CSE/IT/MCA	Training for Placed students	WIPRO Technologies	Rs 1,12,000/-
MBA	Empowerment of Women Entrepreneur	AICTE	Rs. 3,00, 000/-
	Executive development program (14 Programmes)	(NLC)	Rs. 7,20, 000
	Industrial/commercial marketing module	(BHEL)	Rs. 45, 000
	Training Program	(MSME)	Rs. 20,000
	Technical Skill Development Program	MSME	Rs. 20, 000/-

### 10. Patents generated, if any

Sl.No	Name of Patentee	Title of invention	Application No/ Date of Filing.
1.	Gomathy, Sowmya, Lavanya, Nupur Kumari, Sneha Suman, Vandhana Sinha	Remote Automated activation and deactivation of services of a remote billing System	2086/CHE/2011 22-06-2011
2.	L.Stanley Abraham D.Inbakandan,.Sasi Prabha, B.Sheela Rani, Jeppiaar	Kappaphycus Alvareaii sap Extractor	1584/CHE/2011 A06- 05-2011

## 11. New collaborative research programmes:

- Setting of Advanced Electronic Test Engineering Lab in Collaboration with Q Max India Limited by the ECE Department.
- Two collaborative research projects in HIV are underway in Bio-Info department by Dr. D.Alex Anand in association with the premier HIV Research institution – “Y.R.Gaitonde Center for AIDS Research and Education”, Voluntary Health Services, Adyar, Chennai.

## 12. Research grants received from various agencies:

S.No	Name	Sponsoring Agencies	Amount Sanctioned
1	Classification of Forest Types and Estimation of tree Heights of Space Borne Polarimetric SAR Data B.19012/4/2011-II dt 30-06-2011	NRSC	Rs.9,98,000/-
2	Development of Electro-thermal model for Quality Assurance of Material and Coatings	IGCAR	Rs. 10,00,000/-
3	Infrared Thermography for Monitoring and Rejuvenating temples, Rock Sculptures, Monuments and Traditional Buildings DST/SSTP/TN/11/141 dt 13-09-11	DST	Rs. 13,30,000/-
4	Fusion Of IR Thermography And Visible Images Using Stockwell Transform IPR/NFP/2011/AUG/N/01	IPR, Gujarat	Rs. 22,73,000/-
5	Wavelet Analysis for Defect Characterization in Welded joints from Ultrasonic Signals and Radiographic Images	BRNS	Rs. 24,97,000/-
6	Development of On-line monitoring system for preventing weld defects in Automated GTAW by infrared thermography and digital radiography SR/S3/ME/0048/2010 dt. 18.1.2012	DST	Rs. 25,97,000/-
7	Intelligent Satellite Image Retrieval and Analysis based on Ontology Approach	ISRO (NRSC)	Rs. 14,41,000/-
8	Developing Measures for Weld defect reduction in the Nuclear Fuel Reprocessing plant fabrication using Six Sigma Approach.	IGCAR	Rs. 9,00,000/-
9	Pesticidal activity of cyclodepsipeptide from <i>Nomuraea rileyi</i> (F.) Samson against groundnut defoliator <i>Spodoptera litura</i>	DST	Rs. 17,84,000/-
10	Studies on expression of Nurr1, Forxa1, Engrailed and Lmxla b genes in MPTP induced Parkinsons disease model in zebrafish embryos	DBT	Rs. 22,85,000/-
11	Reversal of Multi Drug Resistant <i>Pseudomonas aeruginosa</i> isolated from various clinical sources by pyochelin - conjugated liposome oleic acids co-encapsulated with combination antibiotics Ref No. No: 5/3/3/18/2010/ECD-I	ICMR	Rs. 50,00,000/-
12	Enhancement of mechanical properties of epoxy resin system thorough nanophase reinforcement	DRDO (CARS)	Rs. 9,31,000/-
13	Synthesis of Non-platinum based anticancer drug	CSIR	Rs. 14,22,000/-

### 13. Details of research scholars registered in the academic year 2011-2012:

The details of research scholars registered in the year 2011-2012 are enclosed in the Annexure III.

### 14. Citation index of faculty members and impact factor:

The citation index of faculty members from various departments and the impact factor of the Journals in which they published their Research work for the period June 2011 to May 2012 are given as follows.

Sl. No	Name of the Faculty	Dept.	Details of Citation and Impact factor	Journal & Times Cited
1.	Thummala, V., Rao, A.R.	MECH		International Journal of Industrial Engineering : Theory Applications and Practice 1
2.	Santhanam, P.,	BIO		Intl. Journal of Pharma and Bio Sciences 1
3.	Sasikumar, M., Pandian, S.C.	MECH		International Journal on Electrical Engineering and Informatics 4
4.	Amarnath, K., Mathew, N.L., Nellore, J., Siddarth,	BIO		Cancer Nanotechnology 2
5.	Gomathi, K., Gandhi, M	CSE		3rd International Conference on Advanced Computing, ICoAC 2011 1
6.	Arumugam, T., Ayyanar, M., Koil Pillai, Y.J.	BIO		Bangladesh Journal of Pharmacology 1
7.	Anuradha Jabasingh, S.	CHEM		Intl Biodeterioration and Biodegradation 1
8.	Jabasingh, S.A.	CHEM		Chemical and Biochemical Engg Quarterly 2
9.	Joshila Grace, L.K., Maheswari, V.,	CSE		Communications in Computer and Information Science 2
10.	Valentin, B., Vinod, V., Beulah, M.C.	BIO		Asian Pacific Journal of Tropical Disease 5
11.	Valarmathi, K.,.	MECH		Intl Journal of Communication Systems 1
12.	Raghavan, C.M., Nanda,	BIO		World Applied Sciences Journal 4
13.	Karthigayani, P., Sridhar, S.	CSE		TISC 2011 - Proceedings of the 3rd International Conference on Trendz in Information Sciences and Computing 2
14.	Kanchana, A., Agarwal, I., Sunkar, S., Nellore, J., Namasivayam, K.	BIO		Digest Journal of Nanomaterials and Biostructures 11
15.	Anuradha Jabasingh, S., Valli Nachiyar, C.	BIO		Industrial Crops and Products 12
16.	Karthick Raja Namasivayam, S.,	CHEM		International Journal of Pharmacy and Pharmaceutical Sciences 8

17.	Prakash, S.,	MECH		Journal of Composite Materials 7
18.	Karthikeyan, J.,	MECH		Environmental Monitoring and Assessment 4
19.	Sheela Rani, B.	ECE		Applied Soft Computing Journal 14
20.	Sheela Rani, B.	ECE		Sadhana – Academy Proceedings in Engineering Sciences 5
21.	Kanchanabhan, T.E.,	CIVIL		Intl Journal of Environment and Waste Mgmt 1
22.	Krishnamoorthy, A.,	MECH		Journal of Engineering Science and Technology 2
23.	Kanchanabhan, T.E.,	CIVIL		Waste Management and Research 4
24.	Vijayabaskar, V.,	ECE		European Journal of Scientific Research 2
25.	Vigneshwari, S.,	CSE		Proceedings of the 2012 World Congress on Information and Communication Technologies 1
26.	Kannan, R., Ravi, S.	ECE		2012 International Conference on Control Engineering and Communication Technology 1
27.	Murugesan, C.	MATHS		Kragujevac Journal of Mathematics 1
28.	Sundareswari, M.	PHYSICS		Advanced Materials Research 1
29.	Emalda Roslin, S., Gomathy, C.	ECE		European Journal of Scientific Research 1

### 15. Honors and Awards to Faculty:

The University gives best teacher awards for the faculties who have excelled in their teaching and honours them with a Cash award & Memento.

Sl. No	Staff Name	Dept	Details of Honor / Award	Remarks
1	Mrs. D. Susitra	EEE	Best paper award in International Conference	
2	Mrs.D.Jyothi Preshiya	ETCE	Best paper award in International Conference	
3	Ms.S.Poornapushpakala	E&C	Best paper award in International Conference	
4	Mrs.V.Manonmani	E&C	Best paper award in International Conference	
5	Dr. Valli Nachiyar	BIO	Best paper award in International Conference	
6	Dr. Jayshree Nellore	BIO	Best paper award in International Conference	
7	Dr. B. Valentin Bhimba	BIO	Best paper award in International Conference	
8	Dr. ANIMA NANDA	BIO	Best paper award in International Conference	
9	Mr. T SUDHAKAR	BIO	Best paper award in International Conference	
10	Dr.S.Anuradha Jabasingh	CHEM	Best paper award in International Conference	
11	Dr. N. Jothilakshmy	Arch	Best paper award in International Conference	

## 16. Internal Resources Generated:

The resources generated by our staff members in various department for the period June 2011 to May 2012 are given as follows.

Sl. No	Dept.	Internal Resources Generated	Name of the Faculty	Remarks
1	CSE/IT/MCA	Rs. 1,00,000	All staff	Training for WIPRO PSlaced
2	MBA	Rs. 20,000	Dr. Tamilselvan	
3	MBA	Rs. 3,00,000	Dr. Tamilselvan	
4	MBA	Rs. 7, 20, 000	Dr. Aiswarya	
5	MBA	Rs. 45, 000	Dr. Aiswarya	
6	MBA	Rs. 20,000	Dr. Aiswarya	
7	MBA	Rs. 20, 000/-	Dr. Aiswarya	

## 17. Details of departments getting SAP/COSIST (ASSIST)/DST.FIST, etc. assistance / recognition:

S.No	Name of the Project	Name of the Funding Agency	Total grand received
1	"Fund for Improvement of S&T infrastructure in Higher Educational Institutions (FIST)" SR/FST/LSI – 110/2011, dt. 20.12.2011	DST-FIST	DST:Rs.40,00,000/- Univ: Rs.40,00,000/-

## 18. Community services:

The University continues to serve the community in different ways as it did in the previous years.

- The University offers FREE education in Engineering, Science and Management programmes at Sathyabama University for the poor, needy and Tsunami affected students
- University continues to provide financial assistance to 52 schools in Tamilnadu by way of paying salary to Higher Secondary Class teachers every month.
- University also takes care of the welfare of under mentioned weaker sections of the society throughout their LIFETIME by providing financial assistance
  - ❖ War widows - 120 no's Rs.1000/- per month
  - ❖ 300 more widows Rs.500/- per month



- |                                  |            |                     |
|----------------------------------|------------|---------------------|
| ❖ Tsunami affected widows        | - 250 no's | Rs.1000/- per month |
| ❖ 500 additional Tsunami victims |            | Rs.300/- per month  |
| ❖ Tamil scholar                  | - 100 no's | Rs.1000/- per month |
| ❖ Cine/TV Artist                 | - 250 no's | Rs.500/- per month  |
| ❖ Tamil writer                   | - 50 no's  | Rs. 500/-per month  |
- University continues to donate legal books and materials towards setting-up of a separate section named after him at Madras and Madurai High Court library.
  - University donated Computers and Books to schools, journalist colony library and police department along with training by trained personnel.
  - Two villages adopted in the Coastal area of Kanyakumari district which was severely affected by Tsunami and University offers full support in all aspects to the affected people.
  - Plumber, Electrician, T.V. Mechanic, Medical Laboratories assistant courses of one year for rural people are been arranged.
  - Presentation of computers to schools, police department and media is continued
  - Student's welfare is given focused attention.
  - Subsidized education for more than 100 students of Tsunami affected areas is been provided this year also.
  - Free education is provided to very poor students.
  - Sponsorship is given for intercollegiate and sports meet
  - Incentives are provided for winners of cultural and sports meet.
  - Every department continue to adopt 2 schools and imparts their subject knowledge to the students.
  - An MoU has been signed with Sri Ramachandra university to serve the village people in medical diagnosis using telemedicine
  - Our VRC centres at 14 villages of Tamilnadu offers courses like Plumbing, Electrician, nursing etc. at free of cost.
  - A mobile VRC unit is recently inaugurated to serve the rural masses.

## **A report on NSS activities**

Our University NSS unit functioned with great zeal throughout the year under the expert guidance of the NSS programme officers with just one motive service.

### **NSS - SPECIAL CAMP**

#### **Places of special camp**

Padur,  
Padur thulakanathan theru  
Puthupakkam  
Puthupakkam- Echongodu  
Kanchipuram District

#### **Projects such as**

Tree plantation,  
Free medical camp,  
Eye camp-Agarwal Eye Hospital  
Cleaning the Temple surroundings

Awareness programmes on Rights and duties of voters, small savings and tobacco awareness with Adyar Cancer Hospitals were conducted. Sports activities among the school children were conducted. Prizes were also given to the winners. Our students brought out their hidden talents rightly by educating the mass by cultural activities. The public felt the importance of Role plays songs and dance.

Our girl student volunteers met the women folk of the villages and gave them the most useful information on healthy diet and emphasis on Small savings.

**Thus the NSS activities were aimed at the development of the personality of the students to train them towards responsible leadership.**

## **A Report On NCC Activities (Navy)**

### **4(TN) Naval Technical Unit NCC**

National cadet corps (NCC) Naval wing 5<sup>th</sup> division, Sathyabama University, was started in 1993 and is functioning successfully under the excellent guidance of our Honorable Chancellor **Dr. JEPPIAAR M.A., B.L., Ph.D.** Our beloved Directors **Thriu.N.MARIE**

**JOHNSON and Tmt. MARIEZEENA JOHNSON** are encouraging the activities of the NCC and our entire programs receive the able guidance from our Vice-Chancellor **Dr.V.S.K.Mouly Ph.D** and our NCC Officer **Lt. A.Joseph Arul Pragasam**. The strength of our NCC division is 50 cadets (3<sup>rd</sup> year Boys – 3, 2<sup>nd</sup> year Boys – 13, 1<sup>st</sup> year Boys – 20 and 1<sup>st</sup> year Girls – 14) with Cadet Captain Shibi.K.S. 20 parades are to be conducted every year, each parade consisting of 6 periods (4 hours). Petty Officers from 4(TN) Naval Technical Unit NCC are training and infusing great enthusiasm in our cadets. All our NCC programs are closely supervised by our Commanding Officer **Commander ABDUL WAHEED**.

### **NCC Activities planned for the period June to December 2011:**

1. To conduct **NCC parades** on all the Tuesdays with the support of Petty Officers from 4(TN) Naval Technical Unit NCC.
2. To mold the cadets for their **“B” and “C” certificate exams** which will be organized by NCC Directorate, Chennai.
3. To organize an Adventure activities like **Cycle Expedition** for our cadets from Sathyabama University to Kanyakumari about 1,000 Kms to create an awareness of Anti-Dowry among the public.
4. To make the necessary arrangement for our cadets to participate in the **Combined Annual Training Camp** this will be organized by 4 (TN) Naval Technical Unit NCC in the month of December 2011.
5. To make the necessary arrangement for our cadets to participate in the **Boat Pulling Activity** this will be organized by 4 (TN) Naval Technical Unit NCC.
6. To make the necessary arrangement for our cadets to participate in the **Short Range Firing** this will be organized by 4 (TN) Naval Technical Unit NCC.
7. To make the necessary arrangement for our cadets to participate in the Naval Visit of **INS RAJALI**, Naval Air Base, Arakoonam, this will be organized by 4 (TN) Naval Technical Unit NCC to collect more idea about Naval Aircraft Carriers, engine parts and Naval Air Communication Systems of Navy.
8. To organize **First Aid** classes for our cadets to do more good things for public.
9. To organize an **Anti-Dowry Pledge Campaign** near our University with the distribution of pamphlets to the public to create the awareness.

## **NCC Activities from June to December 2011:**

### **1. NCC Parade:**

All Tuesdays, our cadets have a NCC parade and theory classes at our University Campus conducted by our NCC Officer and Petty Officers from 4(TN) Naval Technical Unit NCC.

### **2. “B” & “C” Certificate Exam:**

NCC Officer and Petty Officers from 4(TN) Naval Technical Unit NCC have taken more effort to mold our cadets for their “B” and “C” certificate exam in all the regular and special parade classes. Also 3 and 23 of our cadets have passed their “C” & “B” certificate examinations conducted by 4(TN) Naval Technical Unit NCC.

### **3. Naval Technical Attachment Camp:**

Organized by 4(TN) Naval Tech Unit at INS SHIVAJI, Naval Engg School, Lonawala, and INS ANGRE, Naval Dockyard, Mumbai for 5 Cadets from Sathyabama University during June 2011.

### **4. Seminar on First Aid:**

All the cadets have undergone a FIRST AID course in our university. The theory and practical classes were taken by Ms. Subhashni and the First Aid certificates were issued.

### **5. Leadership Seminar:**

Leadership training is the one of the main activity in our NCC. To improve their leadership character, our NCC Officer and all the cadets have attended the leadership seminar.

### **6. Anti Dowry Pledge:**

All of our Cadets took an Anti Dowry pledge and have pledge to fight against dowries.

### **7. Social Service:**

“Learn and serve for society” is blood of NCC. With the social service activity our cadets have proved that we are having NCC blood in their body. \

### **8. Visit to Naval Base:**

NCC Officer and all the NCC cadets have got chance to visit the **INS Rajali**, Naval Air Station, Arakkonam. This is a very good opportunity to learn more things about Naval Air Force and their function. Through this they got motivated to join in Armed Forces.

### **9. Awareness Rally:**

The best way to create awareness among public is rally. To insist peace among public, 10 of our NCC cadets have participated the awareness rally organized by confederation of Indian Industry, Youth Indian and Ministry of Human Resources.

### **10. Combined Annual Training Camp-2011:**

Our cadets have participated in the Combined Annual Training Camp-2011 successfully, which was conducted by 4(TN) Naval Technical Unit NCC under the Camp Commandant **Commander Abdul Waheed**. It was a very useful camp for our cadets who helped them to develop their leadership, quality and punctuality.

### **11. Rifle Training**

A rifle training was given to all the cadets at Anna University by 4(TN) Naval Tech Unit

### **Future NCC Activities planned for the period January to May 2012:**

1. To conduct **NCC parades** on all the Tuesdays with the support of Petty Officers from 4(TN) Naval Technical Unit NCC.
2. To mold the cadets for their **“B” and “C” certificate exams** which will be organized by NCC Directorate, Chennai.
3. To make the necessary arrangement for our cadets to participate in the **Boat Pulling Activity** this will be organized by 4 (TN) Naval Technical Unit NCC.
4. To make the necessary arrangement for our cadets learn more things about **Rifle and Boat** through training.
5. To organize an Adventure actives like **Cycle Expedition, Marathon Race** for our cadets to create awareness among the public.
6. To organize an **Anti-Dowry Pledge Campaign** near our University with the distribution of pamphlets to the public to create the awareness.

## **NCC Activities from January to May 2012:**

### **1. NCC Parade:**

All Tuesdays, our cadets have a NCC parade and theory classes at our University Campus conducted by our NCC Officer and Petty Officers from 4(TN) Naval Technical Unit NCC.

### **2. “B” & “C” Certificate Exam:**

NCC Officer and Petty Officers from 4(TN) Naval Technical Unit NCC have taken more effort to mold our cadets for their “B” and “C” certificate exam in all the regular and special parade classes. Also 14 and 19 of our cadets have appeared their “C” & “B” certificate examination conducted by 4(TN) Naval Technical Unit NCC.

### **3. Marathon Race:**

The best way to create awareness among public is rally. To insist peace among public, 15 of our NCC cadets have participated the Marathon Race organized by NCC Directorate with the motto “NCC Awareness” .

### **4. Boat Pulling:**

NCC Officer and all the NCC cadets have participated in the boat-pulling event . It was the real naval experience for the cadets to know the life of Navy.

### **5. Rifle Training:**

All the NCC cadets got the opportunity to learn more about rifle and boat through training in Anna University NCC Office.

### **6. Anti-Plastic Campaign:**

All of our cadets have participated in the anti-plastic campaign. They have distributed the pamphlets to the public and explained about the good and bad things of plastic

## **Future NCC Activities planned for the period June to December 2012:**

1. To conduct **NCC parades** on all the Tuesdays with the support of Petty Officers from 4(TN) Naval Technical Unit NCC.
2. To mold the cadets for their **“B” and “C” certificate exams** which will be organized by NCC Directorate, Chennai.
3. To make the necessary arrangement for our cadets to participate in the **National Technical Attachment Camp-2012** at INS Valsara, Jam Nagar and ND Vizag, this will be organized by 4 (TN) Naval Technical Unit NCC.

4. To organize an Adventure activities like **Cycle Expedition** for our cadets from Sathyabama University to Kanyakumari about 1,000 Kms to create an awareness of Anti-Dowry among the public.
5. To make the necessary arrangement for our cadets to participate in the **Combined Annual Training Camp** this will be organized by 4 (TN) Naval Technical Unit NCC in the month of December 2012.
6. To make the necessary arrangement for our cadets to participate in the **Boat Pulling Activity** this will be organized by 4 (TN) Naval Technical Unit NCC.
7. To make the necessary arrangement for our cadets to participate in the **Short Range Firing** this will be organized by 4 (TN) Naval Technical Unit NCC.
8. To make the necessary arrangement for our cadets to participate in the Naval Visit of **INS RAJALI**, Naval Air Base, Arakoonam, this will be organized by 4 (TN) Naval Technical Unit NCC to collect more idea about Naval Aircraft Carriers, engine parts and Naval Air Communication Systems of Navy.
9. To organize **First Aid** classes for our cadets to do more good things for public.
10. To organize an **Anti-Dowry Pledge Campaign** near our University with the distribution of pamphlets to the public to create the awareness.

**AIR WING NCC CADETS -SATHYABAMA UNIVERSITY**

Sl.No	Service Number	Name	
1	39700/08	A.S.SIRAJ MUNEER	SD
2	39701/08	ABHIMANYU SINGH	SD
3	39702/08	GAURAV PARASHAR	SD
4	39703/08	DHILIPAN	SD
5	39704/08	ALBERT ZAVIER	SD
6	39705/08	GIRINATH.R	SD
7	39706/08	MARSHAL DAISON.B	SD
8	39707/08	NIRMAL IRUDHYA RUBAN	SD
9	39708/08	ROBIN.S	SD
10	39709/08	SANTHOSH.S	SD
11	39710/08	JEGAN.R	SD
12	39711/08	ANSHIUS FRANK	SD
13	39712/08	BRITO B	SD
14	39713/08	KARTHICK	SD
15	39714/08	MARIA ARUL JOSE.M	SD
16	39715/08	SANU JOSE	SD
17	39716/08	SELVAMURUGAN S	SD
18	39717/08	SRINIVASAN M	SD
19	39718/08	VINOTH P	SD

20	39719/08	ELAYA PALLAVAN K	SD
21	39720/08	SATHIYA RAJA J	SD
21	39721/08	CHARLES A	SD
23	39722/08	BIJESH CHIRAMEL	SD
24	39723/08	SIBIN NOEL	SD
25	39724/08	SHERIL S	SD
26	39725/08	ARAVIND M	SD
27	39726/08	ASHFAQ ALI Y	SD
28	39727/08	ALLWYN R V	SD
29	39728/08	CHINTALAPUDI HIRANMAI	SD
30	39729/08	ARUL JEGAN	SD
31	39730/08	LIVINGSTON ROYAN J	SD
32	39731/08	MANI SHANKAR K	SD
33	39732/08	SAHAYA DIVAHAR R	SD
34	39733/08	MOHAMED NALEER	SD
35	39834/08	KRISHNAN C G	SD
36	39821/08	NICHOLAS MARIA INDUJA C	SW
37	39822/08	NOPHINA LORETY R.S.	SW
38	39823/08	MANU SATHYA SUKUMAR	SW
39	39824/08	SARASWATHY K	SW
40	39825/08	MEERA NAIR	SW
41	39826/08	AMALA RANI.A	SW
42	39827/08	APSARA BARBIN.S	SW
43	39828/08	ARUL JYOTHI	SW
44	39829/08	BABY JASMINE JENIFER	SW
45	39830/08	GEETHU.A	SW
46	39831/08	JENI ELFERIN.M.	SW
47	39832/08	MARY SHYNI.G	SW
48	39833/08	SAHAYA SANU SUBASHINI	SW
49	39834/08	SUJITHA.P	SW
50	39835/08	SUMITHRA.J	SW

### Activities of Youth Red Cross

Youth Red Cross (YRC) of Sathyabama University is functioning successfully under the excellent guidance of our honorable Chancellor **Dr.JEPPIAAR M.A., B.L., Ph.D.** Our Beloved directors **Thiru N.MARIE JOHNSON B.E.,MBA.(Ph.D)** and **Tmt. MARIAZEENA JOHNSON B.E.,MBA.(Ph.D)** are encouraging the activities of the YRC Programme.

Blood is a precious commodity; there is no substitute for this life saver. Blood transfusion is common in case of patients, women in child birth, genetic disorders etc., therefore our institution volunteers blood donation camp every year. Students carry out YRC activities with concern and conviction, with determination and dedication, with enthusiasm



and interest, and with vision and vigor to fulfill the aims of and bring laurels to our University and Society.

### **19. Teachers and officers newly recruited**

The lists of newly recruited teachers in various departments were given in ANNEXURE IV.

### **20. Teaching - Non teaching staff ratio**

The University always maintains Teaching – Non teaching staff ratio as 1:1.5.

### **21. Improvements in the library services:**

#### **Central Library**

Total No. of Library Books	:	1,63,321
Department Library	:	1,10,000
Central Library	:	53,321

Total No. of Titles	:	31,216
Department Library	:	7,000
Central Library	:	24,216

Total No. of e-Journals	:	1,014
Total No. of e-books	:	1,200
Total No. of Audio CD & Video CD	:	525
Total No. of Magazines (Print)	:	74
Total No. of Journals (Print)	:	91

#### Collection:

Library has a collection of about 1.5 Lakhs books and bound volumes of periodicals, 1200 e-Books, 525 Audio CD & Video CD, subscription to 1014 e-Journals, 91 Printed Journals and 74 Printed Magazines.

#### Shelf Arrangement:

Books are processed by using AACR-II code for cataloguing and Dewey Decimal Classification. The Call Number in the OPAC helps in locating the books on the shelves.

#### Eligibility to Borrow books:

The Library is primarily for the use of faculty, research scholars, students, and non-teaching employees of the University.

### Reference Services:

The Library maintains a separate reference collection consisting of fast finding tools. The reference books are not issued as a general policy and are referred within the library. The library provides the reprographic services in this section also.

#### Reference material not to be lent-out:

A) The following categories of book, journals etc. shall not be issued out of the library.

1. Books treated as Reference by the Library.
2. Rare books
3. Bound and unbound journals etc.
4. Theses

B) In special cases the Librarian at his discretion may issue a reference book for a short period.

### Library Automation

- All the Library Activities [Acquisition, Circulation & Serial Control] are Computerized with Barcodes [Books & Membership Card]
- The library has fully computerized its most actively used collection, which is now available to users through OPAC (Online Public Access Catalogue) with network access across the campus-wide LAN.

### OPAC (Online Public Access Catalogue):

The OPAC allows search by author, title, subject, call number, keywords, and Boolean search. The Call Number indicates the location of the book on the shelf. The computer catalogue, OPAC is extremely user-friendly and enables searches to be conducted with ease and speed. An Advanced Search of the Central Library Database is now available through <http://sathyabamalib/opac>

#### ➤ SOFTWARE

SOFTWARE USED	:	LIBGENIE
FRONT-END	:	VISUAL-BASIC
BACK-END	:	SQL Server

#### ➤ HARDWARE

Member Search	:	3 Nos.
Library Automation	:	4 Nos.
Scanner	:	HP LAZER JET 1022
Barcode Scanner	:	Fuzzy Scan 4 Nos
Barcode Printer	:	1 No
Reprography	:	1 No
Franklin Machine	:	1 No
Lamination Machine	:	1 No

## Digital Library and Online Access :

DIGITAL LIBRARY PROJECT <sup>TM</sup>@ VISION FOR BEST USE OF EDUCATIONAL RESOURCES

URL: <http://sathyabamalib:7070/library>

Sathyabama University Digital Library (UDL<sup>TM</sup>) System an advanced version of Digital Library. This application supports uploading, searching and downloading of all types of digital media. UDL<sup>TM</sup> has an advanced version of Dynamic Search Engine. Every User can upload their personal limited number of files to Main Database. Best technology used for safety of these personal files.

➤ Main Features available in UDL<sup>TM</sup>:

1. Uploading of any type of media file like PDF, documents, audio, video and others.
2. An advanced dynamic Search Engine.
3. There is no limit of number of files or bandwidth limit for downloading.
4. Any user can upload limited number of files to their personal folder.
5. All personal files have best security.
6. Direct link to Electronics Journals.
7. Research Paper collection.
8. Latest software is available for download.
9. Educational audio and video files are available here.
10. Project section has all the projects done by students and lot of other.

➤ Advanced Search Engine: UDL has a search engine which is backed by AJAX technology. User can search multiple type of files in a single key search. If internet browser used by user is Firefox then on home page user can search files with a fast speed.

➤ About Project:

Application: Web based Application

Platform Used: JAVA

Technology: J2EE (EJB, JSP, Servlets, JDBC and others), AJAX and Web technologies.

### THE JOURNALS AVAILABLE THROUGH OUR DIGITAL LIBRARY:

❖ The International Journals released by OUR UNIVERSITY



Sl.No.	Journal Title
1.	International Journal on Information Sciences and Computing
2.	International Journal on Design and Manufacturing Technologies
3.	International Journal on Intelligent Electronic Systems
4.	International Journal on Applied Bioengineering

❖ The Proceedings released by OUR UNIVERSITY

Sl.No.	Proceedings Title
1.	Proceedings of the International Conference on Applied Bioengineering
2.	Proceedings of the International Conference on Trends In Intelligent Electronic Systems Vol-1
3.	Proceedings of the International Conference on Trends In Intelligent Electronic Systems Vol-2
4.	Proceedings of the International Conference and Exhibition On Emerging Challenges in Design and Manufacturing Technologies Vol-1
5.	Proceedings of the International Conference and Exhibition On Emerging Challenges in Design and Manufacturing Technologies Vol-2
6.	Proceedings of the International Conference on Trendz In Information Sciences and Computing Vol-1
7.	Proceedings of the International Conference on Trendz In Information Sciences and Computing Vol-2

❖ The Journals Subscribed through INDEST CONSORTIUM

- IEEE JOURNALS, IEEE Proceedings, IEEE Standards, IEEE Books, ASME Journals & ASCE Journals

Total No. of IEEE Online Journals	:	142
Total No. of ASME Online Journals	:	21
Total No. of ASCE Online Journals	:	30

❖ Springer Link e-Journals Subscribed through Springer

Total No. of Springer Online Journals	:	801
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❖ ICFAI e-Journals Subscribed through ICFAI UNIVERSITY PRESS

Total No. of ICFAI Online Journals	:	20
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❖ Extra Beneficiaries to our students by easy access:

- ✓ Audio CD
- ✓ Video CD
- ✓ e-Books
- ✓ Student Projects
- ✓ Question Bank.

COMPUTER FACILITIES AVAILABLE:

ENTIRE HARDWARE SETUP

Total No. of System	:	17 Nos.
FTP & WEB Server	:	1 No
e-Library Administrative Server	:	1 No
D –Link Switch [24 Port/100 Mbps]	:	1 No
Client Nodes	:	15 Nos.

• SERVER

Processors	: Intel Xeon @ 3.6 Ghz 2MB Cache – 2 Nos.
RAM	: 4 GB RAM
Hard Disk Drive	: 1200 GB
DVD Ram	: DVD Samsung Drive
Raid Controller	: ServRaid 6i + Ultra Raid Controller with 256 MB ECC Cache

- ADMINISTRATIVE SYSTEM
  - PROCESSORS : Intel Pentium IV @ 2.6 Ghz
  - RAM : 256 MB RAM
  - Hard Disk Drives : 80 GB
  - Monitor : 15" Color Monitor
  - Key Board : Standard 108 Keys
  - Mouse : Optical Scroll
- CLIENT SYSTEM
  - Processor : Intel Pentium iv@ 2.6 Ghz
  - RAM : 256 MB RAM
  - Hard Disk Drives : 80 GB
  - MONITOR : 15" Color Monitor
  - Key Board : Standard 108 Keys
  - Mouse : Optical Scroll
- HARDWARE
  - SWITCH : DLINK [24 PORT]
  - INTERNET : 1Mbps
  - LAN Type : IEEE 802.3
  - HEADSET : 15 Nos
  - SPEAKER : Creative 2.1
- SYSTEM CONFIGURATION
  - Processor : P-IV @ 350 NVUX
  - RAM : 256 MB RAM
  - Hard Disk : 80 G.B. HDD
  - DVD ROM : DVD Samsung Drive
  - Floppy Drive : 1 of 1.44"

OUR STRENGTH:

- Suggestions for the purchase of new books, periodicals and news papers will be made in writing in separate registers maintained for this purpose in Library.
- Self Sufficiency :
  - Cutting Machine
  - Pressing Machine
  - Bar Code Printer And Scanner
  - Membership Card for Students
  - Envelop Dispatch
  - Photocopier

Institutional Membership :

- British Council Library - Chennai
- IIT Library – Chennai
- MALIBNET – Chennai

List of journals are given in ANNEXURE VI

## Department Library

CSE	Fully automated Central library and Department Library
IT	Automation of our Department Library. Usage of Bar Codes in Department Library. Providing Extra Books for Rank Holders. Separate Library In charge for Department Library.
CIVIL	Automated of the Central Library. E journals for accessing journals No. of Titles : 175 Total Cost : Rs. 10,92,404
MECH & PROD	800 number of new books have been purchased. All the books are bar coded. Issue and receipt of books are computerized. E- Library for accessing journals
ECE	E-Library facility is provided. Facility to access IEEE, SPIE and other international journals Computerization of Department Library Book stock & student book issue.
EEE	E-library facility is provided. Facility to access IEEE and many other international journals Computerization of Department library services.
BIN	Computerization of the library stock book and issue book for the students. The text books purchased by the department has been updated, to fulfill the requirements of the department.
CHEMICAL	DEPARTMENT LIBRARY No. of Books : 3950 Total Cost : Rs. 11,15,000/- NO. OF JOURNALS SUBSCRIBED International : 6 National : 18 Total Cost : 3505 /-
BIO MED	Computerization of library entries. New books purchase. Separate library room
PHYSICS	In addition to the existing 96 books, a list of around 29 books were purchased for the reference of staff and research scholars during this year in the field of Engineering Physics, Atomic and Nuclear Physics, Electronics, Bio-Physics, Bio- medical Instrumentation, Optics, Acoustics, Mechanics and Theoretical Physics. A total of 125 books worth around Rs.37, 746/- is available in our department library.
MSC	Completely Computerized
ETCE	Fully computerized library with bar code access to all books.
MECH	Library periods are added in the II year time table. To improve the efficiency of library services LIBGENIE software worth Rs 1 lakh is purchased and used effectively. The Department library is fully computerized and all transactions are done through LIBGENIE Software. A library in charge for each batch of students was given task of looking after needs of students.
BIO TECH	Library is made accessible to students any time during the working hours. All books in the stock is made into a soft copy. Students are given books for almost all the subjects. Books are issued at the beginning of each semester after they are ensured of no dues. Separate reference section is maintained
MCA	New library books were added in both even semesters and odd semesters for the Department Library. Additional books were recommended to the Central Library.
EIE	Digital storage databases of projects that have been successfully completed by the students of earlier batches have been created in the Department Library for reference.
E&C	All books are bar coded. Issue and receipt of books are computerized. New books are purchased.

## 22. New books/ journals subscribed and their values

Department	Titles	Volume	Value in Rupees
CSE	22	1020	2,50,000
IT	18	1363	5,00,000
Civil			1,05,515
MECH & PROD			1,00,000

BIO INFOMATICS	3	39	50,000
CHEMICAL		1410	4,10,487
BIO MED		110	24,073
ETCE	21	2096	5,48,061
MECH	638	10067	27,61,405
BIO TECH		356	
MCA			4,00,000
EIE	20	913	1,52,531
E&C	29	1741	4,75,000
AERO		1100	

**23. Courses in which student assessment of teachers is introduced and the action taken on student feedback:**

CSE	Feedback from student is taken for all the courses. Based on the feedback corrective measures are taken.
IT	II Year : Digital Signal Processing: Feedback from students: Subject is fully problem Oriented and difficult to follow. Action Taken: Staff member has been advised to solve more problems and make them to understand the problems easily. Special classes were conducted for weak students. Extra class tests were conducted and extra care was given on a personal basis to weak students.
CIVIL	Feedback from student is taken for all the courses. Special classes were conducted for students.
ECE	Assessment: It is a regular practice for all the subjects. If the syllabus is vast then extra hours will be allotted. Students Feedback: Syllabus has to be updated; they need more Computer related papers- that will be Implemented in the next Revision.
EEE	It is a regular practice for all the subjects and subsequent action has been taken.
BIN	It is a regular practice in the University. Extra hours will be allotted for subjects with vast syllabus.
CHEMICAL	Feedback is taken from the students for all the courses in the undergraduate level (U.G.) and postgraduate level ( P.G.) by the management and the head of the department. Teachers with poor feedback from the students are likely to be warned/questioned.
BIO MED	In the field of "Computer in Medicine", the course on "Theory of Psychology" which is elective course for final year student. On the basis of the student interest, the staffs have been made to attend training on this topic (two weeks) in Ramachandra Medical College (MOU). The results from the student were good.
MSC	Management & Dept takes the feedback of academic & Non Academic activities at the starting & end of the semester. Corrections if any are done immediately.
ETCE	Management and Department take the feedback of academic and non-academic activities at the starting and end of the semester. Corrections if any are done immediately.
MECH	Head of the department visits all the classes and takes written feedback from the students about the staff for all the subjects.
BIO TECH	Feedbacks were collected regularly from students on the teachers' performance and the teachers were informed about their positive and negative points. Suggestions were given; if needed, extra hours are provided for that particular paper

EIE	As an action plan (being carried out regularly) Newly recruited teachers undergo Orientation training programme conducted within the University. All the teachers and technicians undergo training program/ workshop conducted by various Universities to update themselves for the current trends in curriculum
E&C	Feedback is taken from students regarding the subjects as well as general issues. The feedback is given back to the respective teachers for their Self Introspection & Improvement. Necessary action is taken for feedback about general issues.

## 24. Unit Cost of Education

The average amount of money spent by the University on every student is, i.e., Unit cost of Education is Rs. 62,500.

## 25. Computerization of administration and the process of admission, examination results and issue of certificates

1. Many of the administrative activities are computerized (salary etc).
2. Introduction of single identity cards for students and faculty to be used in college and library.
3. For admission and other activities, manual tabulation was dispensed with and in its place computerized tabulation for all the courses is introduced.
4. Results and marks of the candidates are placed on the university website, for ready perusal by the students.
5. Degree certificate printing, holograms and laminations are all done in the university examination cell itself.
6. It is planned to introduce 2D bar code reader software for reading the bar code put up in the degree. The corresponding will be put up in the university website so as to facilitate the companies and foreign embassies to check the genuineness of the document provided by students.

## 26. Increase in the infrastructural facilities:

- New Mess hall for ladies has been constructed with a seating capacity of around 1000.
- Networking Lab in association with CISCO
- Mobile Application Development lab in association with VIRTUSA



### **27. Technology Upgradation:**

Installation of new software required for Mobile Applications development and networking lab and the required hardware have been configured.

### **28. Computer and Internet Facility:**

Internet access is provided to all staff members for encouraging the research activities. After college timing hostel students can access internet in hostel lab or in I year computer lab upto 8pm for study purpose.

### **29. Financial Aid to Students:**

The university gives financial and free education to the economically weaker students and students recommended by the social welfare organization. This academic year, 750 students were benefited by this and are provided free education.

University awards cash prizes and certificates to class toppers from each department and allows them to take additional books from central library.

### **30. Activities and support from Alumni Association:**

- We conduct Alumni meet every year. Periodically we call our alumni students for giving Guest talk on special topics.
- Alumni will deliver lecture to our student regarding campus interview and higher studies every year.
- Students were asked questions and the Alumni students shared their experience during interactive sessions
- The updated information helps us to motivate the present students to enlighten their carrier.

### **31. Parents Teachers Association:**

#### **PARENTS MEET**

- Parents of students having arrears in three or more subjects were asked to meets the faculties and the HOD regularly and further his / her performance will be monitored and communications will be sent to the parents periodically.
- Parents can meet the student counselors /Student coordinators at any time and discuss about the improvement of their ward.
- Parents can also meet the Head of the Department any time during college hours if they require any special attention for their wards.

## **FEEDBACK**

Feedbacks were constantly taken from the parents to evaluate the bus facilities, mess and ward's improvement. The parents were also informed of their ward's marks, attendance and cash award intimation for toppers.

The activities that we have carried out regarding the parents-Teachers association include

- Personal care on which weak students by the parents and teachers
- Proposal for special class after class work
- Tutorial classes conducted for problematic subjects.
- Advising to the students to do yoga, meditation to improve the concentration on studies.

## **32. Health Services:**

1. In our university, there are separate health centers for boys, girls and staffs. Moreover, clinical facilities are possible for 24 hrs especially to the hostellers.
2. The university clinic is equipped with fridge, analyzer, centrifugal pump, hot air incubator, etc.
3. Medical record of each and every student is maintained in the university properly.
4. Rest room is available separately for boys and girls for the students those who are not feeling well. University students can check their periodic health for free of cost.
5. As a full fledged Biomedical laboratory is functioning in our department, any emergency of diagnosing procedures for the vitals (ECG, Pulse, Respiration Rate, Heart Rate) could be met and given necessary suggestion by the in-house Doctor.
6. National Service Scheme (NSS) organize Blood Donation Programme once in every semester.
7. The NSS cell has a proposal to conduct monthly medical camp for the benefit of the students and as well as nearby village people.
8. Apart from this, a Blood group database is maintained by NSS wing. Whenever there is an emergency, requiring a particular blood group is intimated. The students and staff who are willing to donate their blood are motivated.

## **33. Performance in Sports Activities**

Each Department has an individual sports in-charge for the Boys and Girls separately. The University has got excellent sports facilities and a coach for each outdoor game. The university physical director along with his subordinates coordinates the sports team of

various indoor & outdoor games constituted by the students of different disciplines. Our students participated in various tournaments at State and National levels and gave meritorious performance.



<b>Dept</b>	<b>Name of the students</b>	<b>Event</b>	<b>Status</b>
IT	Hari Raj	Chess	INTERNATIONAL
IT	Rajat Kumar	Chess	INTERNATIONAL
E&I	Karthikeyan.B	Kabadi	NATIONAL
E&I	Guruprasath.E	Throwball	NATIONAL
AUTO	RATAN.P	Body Building	NATIONAL
CIVIL	Mr. Sandeep Kumar Reddy	Cricket	NATIONAL
CIVIL	Mr. Varun Reddy	Cricket	NATIONAL
CIVIL	Mr. Tanuj J. Reddy	Football	NATIONAL

### **34. Incentives to outstanding sports persons:**

- We encourage the sports personalities by giving several incentives. Outstanding sport persons are permitted to pay 50% of their tuition fees.
- On Achievers Day celebration, outstanding sports persons are encouraged and honored with cash awards and momentos and also we provide free boarding and lodging.
- The sports students are encouraged for higher studies with exemption from all fees paid to the university. Outstanding sports persons are encouraged and honoured with cash awards and momentos
- Some Sportspersons (students in the university team) are given free education and free accommodation in the hostel. Special coaching classes are arranged for the problematic subjects.
- Students with outstanding sports performance are encouraged to participate in regional and national events according to University provision
- The university is also giving cash awards.

### **35. Students achievements and awards**

- The University awards the top 5 students who excelled in academics with merit certificate and gift voucher of Rs.500 each semester to motivate them. The University also organizes achiever's day for the students who have been placed. All the departments continuously encourage the students to participate in various seminars, symposiums and conferences to get updated with recent technologies available.
- "Technovation" a project exhibition event conducted for the students to exhibit their projects. Best projects in each stream are identified by a panel of experts and are awarded with cash prize.
- Overall toppers, current semester toppers and subject toppers are awarded with cash prize and merit certificates.

### **36. Activities of the guidance and counseling unit**

#### **i) Counseling for higher studies**

##### **ADVISORY BUREAU FOR HIGHER STUDIES**

Advisory Bureau for Higher Studies was started to guide those students who are aspiring for Higher Education and enable students to prepare for examination like the **GATE, GRE, GMATE, TOEFL.**

**Regular Seminars** are conducted to keep in touch with the recent trends in the Higher education scenario by resource persons from United States Education Foundation in

India (USEFI) – a part of U.S. Embassy, U.K. Consulate, Professors from Foreign Universities.

List of seminars conducted during this academic year from June 2011 onwards:

Sl. No	Course / Seminar	Duration	Fees	Resource Person
1	Education Beyond Boundaries Study Abroad Guidance	13 <sup>th</sup> July 2011	NA	Mr. Jamsheed Jasar (Head – EAGS) Everonn Education Ltd., Chennai
2	About GRE / TOEFL & Training for these	22 <sup>nd</sup> July 2011	NA	Jamboree, Chennai
3	About GRE / TOEFL & Training for these	5 <sup>th</sup> Aug 2011		Princeton Review, Chennai
4	Japanese Language	80 Hrs	Rs. 3750	
5	Education Beyond Boundaries	22 <sup>nd</sup> Aug 2011	NA	Mr. Gigeo Sakkaryas, Director IMTP, Chennai
6	CAT 2011 / CAT 2012 / QA Workshop / Verbal Workshop	21 <sup>st</sup> Sept 2011	NA	Ms. Shilpa Bhatia, Faculty & Business Head Career Launcher India Limited
7	About GRE / TOEFL & Training for these	19 <sup>th</sup> Sept 2011	NA	Jamboree, Chennai
8	CAT 2012 + QA Workshop	20 <sup>th</sup> Jan 2012	NA	Ms. Shilpa Bhatia, Faculty & Business Head Career Launcher India Limited
9	GATE 2013			
10	Higher Education in UK / About IELTS	27 <sup>th</sup> Jan 2012	NA	Mr. Nim Bahadur, Manager, Education UK, British Council Division, British Deputy High Commission, Chennai.
11	Higher Education in USA / UK / AUSTRALIA	3 <sup>rd</sup> Feb 2012	NA	Ms. Lavanaya Nair, IDP Education, Chennai.
12	CAT2012	120 Hours	Rs. 3750	
13	Higher Education in USA	March 2012	NA	Mr. Gopinath, Jamboree, Chennai.
14	GATE 2013	9 <sup>th</sup> March 2012	NA	Mr. Kamalanathan, The Gate Academy
15	Higher Education in UK / AUS / NZ / CANADA	20 <sup>th</sup> March 2012	NA	Ms. Bindu Mary Idicula Study Overseas Education Consultants, Chennai

**JAPANESE** language classes – “First Level” are conducted for First year students who are interested in the Spoken Japanese. A total of 35 students are attending the class during week ends. This helps them in their admissions at various foreign universities.

**Quantitative Aptitude & Analytical Reasoning Training** classes are conducted regularly for U.G and P.G. students at our University Campus. This course is intended to

train students for performing well in Campus Interviews. This course is being handled by our own Maths faculty.

**Personality Development** Workshops are also conducted throughout the year for final year, and pre-final year students with eminent resource persons to train our students in various areas like Group Discussions, attending Interviews, Communication Skills, Interpersonal Skills, etc. The above training helped around 75% of students in getting suitable placements in various top notch companies.

### **Activities and Guidance of the counseling unit**

One counselor is appointed for every 20 students. Counsel the weak students for better improvement and interaction with students periodically to improve the academic performance. Student counselor motivates the weak students. Special classes and tests are conducted. Guidance for higher studies, projects, improvement of communication skills are given to the students. The counselor meets the parents with their ward and counseling is given to them to improve their performance.

“**Career Development Program**” is conducted by inviting leading personalities from various Industries. Mock-interviews, Group Discussions, Aptitude test are being conducted. This helps them to face the interview and to initiate their personal career successfully in the existing competitive environment.

### **ACTIVITIES OF COUNSELORS**

- ❖ Every counselor is allotted with 20 students. Their marks, attendance and performance are constantly monitored. In case of arrears the reason for poor performance is documented and is intimated to their parents periodically. They are also counseled and special coaching classes are arranged.
- ❖ The counseling cell also gives guidance for higher studies.
- ❖ Project based guidelines are given to the students by the department staff members.
- ❖ The counselors collect feedback from the teaching staffs about the students.
- ❖ Result analysis of the student’s performance in internal assessments and semester exams are maintained.

### 37. Placement & Training

The University has a full-fledged Placement cell, which monitors the employment opportunities and arranges campus interviews for the final year students. Our Campus recruitment program starts in the month of June i.e as soon as the Pre-Final semester starts. We are very glad to say that 1776 students have been already placed in this academic year (2011-12) as on 13.06.2012.

The following is the list of Recent Recruiters of our Students:

- ◆ Alstom
- ◆ American Express
- ◆ Asian Paints
- ◆ Apsara Innovations
- ◆ BirlaSoft Technologies
- ◆ Blue Star Air-Conditioners
- ◆ CADS Software
- ◆ Cater Pillar
- ◆ CitiCorp
- ◆ Convergys
- ◆ Caliber Point
- ◆ Citibank
- ◆ Crompton Greaves Ltd
- ◆ Donfoss Industries Pvt. Ltd
- ◆ DSL
- ◆ Easy Solutions
- ◆ eFunds
- ◆ Emphasis
- ◆ Eurothem Del Pvt Ltd
- ◆ FutureSoft
- ◆ Godrej
- ◆ GRO
- ◆ Hanil Lear
- ◆ HCL
- ◆ HCL Comnet
- ◆ Hindustan Motors
- ◆ Indian Express Group
- ◆ Alfor Systems
- ◆ Ashok Leyland
- ◆ Arvind Remedies
- ◆ Appolo Tyres
- ◆ Brakes India
- ◆ Bio Pharma
- ◆ Caritor India Pvt Ltd
- ◆ CareerNet
- ◆ Cetex Petro Chemicals
- ◆ Caliber financial services
- ◆ CSC
- ◆ Covansys
- ◆ DELL
- ◆ Deutch Bank
- ◆ Doshion Infotech
- ◆ EDS
- ◆ ESSAR
- ◆ ELGI Equipments
- ◆ Fortis
- ◆ Four Systems
- ◆ Grammer IT Solutions
- ◆ GTL
- ◆ Haweltt Packart
- ◆ HCL Peripherals
- ◆ Hexaware Technologies
- ◆ Hyundai Motor
- ◆ iSoft

- ◆ Jain Housing Ltd
- ◆ Jeppiaar Steels
- ◆ ICICI – NRI Cell
- ◆ ICICI Prudential
- ◆ iGate
- ◆ iFlex
- ◆ Indian Express
- ◆ India Bulls
- ◆ India Pistons
- ◆ Kotak Investments
- ◆ Mascon Global Ltd
- ◆ Malladi Inc
- ◆ Microsoft
- ◆ Naukri
- ◆ Nucleus Software Technologies
- ◆ Office Tigers
- ◆ Polaris
- ◆ Protech
- ◆ RANE Engines
- ◆ Orchid Chemicals
- ◆ Saipem
- ◆ Satyam Computers
- ◆ SCM Microsystems
- ◆ Sify
- ◆ Sonata Software
- ◆ Sun Pharma
- ◆ Syntel India
- ◆ Tata AutoComp
- ◆ Titan
- ◆ Tata Elaxi
- ◆ Trans Healthcare
- ◆ TVS Motors
- ◆ V A Tech
- ◆ Way2Wealth
- ◆ Job Excell
- ◆ Jeppiaar Technologies
- ◆ ICICI Direct
- ◆ IDEA
- ◆ IBM
- ◆ iNautix
- ◆ Infosys
- ◆ IndiaMart
- ◆ Indus Ind Bank
- ◆ Larsen & Turbo     ◆ LnT Infotech
- ◆ Mahindra & Mahindra
- ◆ MRF             ◆ MBT
- ◆ Mindtree Consultancies
- ◆ Nittany
- ◆ Oracle
- ◆ Patni
- ◆ Photon Infotech
- ◆ Quintegra
- ◆ ORBI Tech
- ◆ SPIC
- ◆ Sanmar
- ◆ Sasken Communications
- ◆ Siemens India
- ◆ Slash Support
- ◆ Sobha Developers
- ◆ SCM Microsystems
- ◆ Tata Chemicals
- ◆ TCS
- ◆ Torry Harris
- ◆ Thirumali Chemicals
- ◆ TVS Electronics
- ◆ US Technologies
- ◆ VirtUSA             ◆ Xansa Technologies
- ◆ Wipro Technologies             ◆ Wipro Spectramind



The On Campus recruitment program keeps continuing till the end of their final semester, after that we will be helping our students by arranging Off-Campus Interviews also.

We do not encourage the students, those who are placed through campus selection in some companies to attend the further interviews. Our management is having a strong policy decision not to encourage the companies doing Education & Training activities to attract the students in the name of placement orders, by insisting them to do some course in their organization by paying money.

## **PLACEMENT 2011-2012**

**Total No. of students placed: 1776**

**Sathyabama University signed a MOU with Infosys, Wipro, TCS and Satyam for the purpose of enriching the Technical Education process and to jointly work for enriching the quality of Education imparted to students of all the Engineering disciplines in the field of Information Technology**

## **PERSONALITY DEVELOPMENT PROGRAMMES**

Our **Placement and Training Cell** offering **Career Development Program** for the students who are raring to enter the corporate world and introduce them to the prospective employers according to their aspirations and background. The Training programs have been formulated after a through analysis of unique requirement of various companies as the required skills will vary according to the company's requirement. We impart this training program with the help of reputed training Institutes. They enable our students to gain a competitive edge in the recruitment process, groom their confidence and develop their personality. The training modules will be formulated to improve our students' skills like:

Presentation Skills

Listening Skills

Interpersonal Skills

Personal Grooming

Brain Strain

Apty Reach

Speed Mathematics

Logical Reasoning

Inference	Deciphering the Matrix
Verbal Reasoning	Situational Conversation
Team Building	Creativity
Group Discussion	Time Management.
Planning & Goal Setting	Sentence Construction

We have conducted the following Training program for our students as per the following schedule:

Sl#	Date	Branches	Trainer	Module
1	28.06.2011	CSE,IT,ECE,EEE,EIE,EnC,ETCE	Accenture	Verbal Ability
2	29.06.2011	Mech,Mech&Prod,Auto,Aero,Chem,Civil,BioTech,BioInfo,BioMed	Accenture	Verbal Ability
3	01.07.2011 to 08.07.2011	CSE,MCA,ECE,M.Sc-CT,IT,EnC,BioTech	GYANA The Training Academy	Verbal Ability
4	01.07.2011 to 11.07.2011	IT,EnC,BioTech,EEE,Mech,M.Sc-S/w,Auto,BioMed,Chem ,EIE, Civil,BioInfo	APT Training Resources	Verbal Ability
5	01.07.2011 to 11.07.2011	ETCE, MnProd,Aero,EEE,Mech,Auto, EIE,Civil,	IMS	Verbal Ability
6	01.07.2011 to 11.07.2011	ETCE, MnProd,Aero,EEE,Mech,Auto, EIE,Civil,	C-CAT	Verbal Ability
7	14.07.2011	B.E/B.Tech-CSE, IT,ECE	Cognizant	Evolve Training
8	14.07.2011	B.E/B.Tech-EnC,EIE,ETCE	Cognizant	Evolve Training
9	14.07.2011	B.E/B.Tech-EEE, Mech,MnP, Civil, Auto	Cognizant	Evolve Training
10	14.07.2011	B.E/B.Tech-Aero,Chem,BioTech,BioInfo,BioMed	Cognizant	Evolve Training
11	15.07.2011	M.E/M.Tech-Embed,VLSI,Nano,BioTech,BioInfo	Cognizant	Evolve Training
12	15.07.2011	M.Sc-S/w, CT	Cognizant	Evolve Training
13	15.07.2011	MCA	Cognizant	Evolve Training
14	15.07.2011	M.E/M.Tech-CSE,IT,AE,PE	Cognizant	Evolve Training
15	21.07.2011	CSE,IT, Aero	Sathyabama- English Dept	Verbal Training
16	22.07.2011	CSE,IT, Aero	Sathyabama- English Dept	Verbal Training
17	25.07.2011	ECE,BioTech	Sathyabama- English Dept	Verbal Training
18	26.07.2011	EEE,EIE,Aero	Sathyabama- English Dept	Verbal Training
19	27.07.2011	EEE,EIE,Aero	Sathyabama- English Dept	Verbal Training
20	28.07.2011	ETCE,MnP	Sathyabama- English Dept	Verbal Training
21	29.07.2011	EnC, Chem	Sathyabama- English Dept	Verbal Training
22	01.08.2011	EnC, Chem	Sathyabama- English Dept	Verbal Training
23	02.08.2011	Mech,BioMed	Sathyabama- English Dept	Verbal Training
24	03.08.2011	BioInfo, S/W,CT	Sathyabama- English Dept	Verbal Training
25	04.08.2011	BioInfo, S/W,CT	Sathyabama- English Dept	Verbal Training
26	05.08.2011	MCA, Civil	Sathyabama- English Dept	Verbal Training
27	22.08.2011 to 28.08.2011	All Branches	IMS, Innovative, TIME, C-CAT	Verbal Training
28	25.08.2011	All Branches	Cognizant	Mock Interview
29	05.09.2011	B.Tech-IT, B.Tech-BioMed,M.Tech IT	Accenture	Mind Power Enhancement Program
30	06.09.2011	B.Tech-ETCE, M.Tech-AE	Accenture	Mind Power Enhancement Program
31	06.09.2011	B.E-EnC,B.E-EIE,MCA	Accenture	Mind Power Enhancement Program
32	07.09.2011	B.E-ECE,M.Tech-Embed,M.Tech-VLSI,M.Tech-Nano	Accenture	Mind Power Enhancement Program
33	07.09.2011	B.Tech-Chem,B.Tech-BioInfo,M.Tech-BioInfo	Accenture	Mind Power Enhancement Program
34	08.09.2011	B.E-EEE,B.E-Mech,M.Tech-PE	Accenture	Mind Power Enhancement Program
35	08.09.2011	B.E-Civil,B.Tech-BioTech,M.Tech-BioTech	Accenture	Mind Power Enhancement Program
36	09.09.2011	B.E-CSE, M.E-CSE	Accenture	Mind Power Enhancement Program
37	09.09.2011	B.E-MnP, B.E-Auto, B.E-Aero	Accenture	Mind Power Enhancement Program
38	12.09.2011 to 16.09.2011	All Branches	Accenture	Head Start Foundation Program

## **OTHER TRAINING ACTIVITIES :**

- ▲ **Performance Achievement Complimenting Training (PACT)** used to be conducted for the toppers in each semester Examination.
- ▲ Regular **Seminars** are conducted to keep in touch with the recent trends in the Higher education scenario by resource persons from United States Educational Foundation in India (USEFI) - a part of U.S. Embassy, U.K. Consulate, Professors from Foreign Universities and our Alumni who have done Higher Studies and employed in India and Abroad.
- ▲ GRE/MBA Entrance exam training has been started for pre-final year degree students, This is being conducted under the expert guidance of an experienced to face various Common Entrance Examination for MBA, GRE, GMAT and also help them in performing well in campus interviews. This course has been extended for second year students also. based on request from the students.
- ▲ German language classes - “First Level” are conducted for pre-final year & IInd year U.G. Students. A total of 85 students are attending in two batches. The students are given Merit Certificate at the end of the course. This helps them in their admissions at various universities abroad.
- ▲ Networking courses are also conducted for students on the following areas :
  - CCNA - CISCO CERTIFIED NETWORK ADMINISTRATORS
  - MCP - MICROSOFT CERTIFIED PROFESSIONALS
  - MCSE - MICROSOFT CERTIFIED SOFTWARE ENGINEERS
- ▲ Software courses for Non IT students are also conducted in the following areas :
  - JAVA PROGRAMMING                      ORACLE
  - VISUAL PROGRAMMING                  J2EE
  - C & C + + PROGRAMMING
  - INTERNET PROGRAMMING (HTML, XML, ASP, JAV ASCRIPT)
- ▲ We are conducting Aptitude test on every Wednesday and Technical Aptitude test on Every Friday for the pre final year students to groom them for the Campus recruitment drive in their final year.

**The details of students placed in top 25 companies through campus interviews in the year (2011-2012) are in Annexure VI. Apart from this list, the students got selected in many other reputed organizations / companies.**

### **38. Development programmes for non-teaching staff: Pursuing higher studies**

Non-Teaching staff are encouraged to undergo higher studies. The staffs are permitted to attend contact programs. Special training programs like lab safety, entrepreneurship programs are organized.

### **39. Healthy practices of the Institution:**

- Newly recruited staff member are trained by NITTTR and other orientation programs.
- Periodic interaction among staff both teaching and non-teaching, encouraging the staff members to attend seminars, paper presentation, training programs etc
- Training on special software is provided to faculty members.
- Students are encouraged to do industry oriented projects.
- Students are motivated to participate in National level academic competitions regularly. The NSS and NCC activities help to encourage civic responsibility and social service like blood donation, anti-dowry system and adoption of villages etc.,
- Merit Awards are given to the first ten students of every department.
- In-house Magazines are published by each department about their activities.
- The University provides financial aid to the faculties who wishes to attend seminar/workshop.
- The University gives full concession over the tuition fee for the staff members doing their higher studies under QIP.

### **40. Linkages developed with national/ international, academic/ research:**

In order to promote Industry Institute interaction, our University have made MOUs with various Industries and Institutes. The MOUs are classified under the following three categories.

#### **(i) New MOUs:**

- The Aeronautical Society of India
- IIT Kanpur
- Ministry of Human Resource and Development (MHRD)
- Hindustan Aero Nautical Limited (HAL).
- National Environmental Engineering Research Institute (NEERI).

- Indian Institute of Chemical Technology (IICT), Hyderabad
- Chennai Petrochemical Corporation Limited (CPCL)
- Southern Petroleum Industrial Corporation (SPIC)
- Research Co-ordination with TBGRI, Trivandrum
- University of Madras.
- IATEFL. UK.
- American Embassy
- Indian Institute of Architects (IIA).
- Council of Architecture (COA)
- National Association of Students of Architecture (NASA).
- NUS , Singapore.
- AIST, Japan.
- All India Association of Education and Research.
- FL SMIDTH – Chennai.

**(ii) Existing MOUs:**

- Indian Space Research Organisation (ISRO), Bangalore
- Indira Gandhi Centre for Atomic Research(IGCAR), Kalpakkam
- Defence Research And Development Organization (DRDO) -Combat Vehicles Research Development Establishment (CVRDE), Chennai
- National Institute of Ocean Technology (NIOT), Chennai
- Central Leather Research Institute (CLRI), Chennai
- Centre for Wind Energy Technology (C-WET), Chennai
- Technical Teachers Training Institute(TTTI), Taramani.
- Indian Institute of Technology(IIT), Chennai.
- Anna University, Chennai.
- University of Madras, Chennai.
- Annamalai University, Chidambaram.
- Neyveli Lignite Corporation(NLC), Neyveli
- Bharath Heavy Electricals Limited (BHEL), Trichy
- Infosys Technologies Limited, Bangalore

- Wipro Technologies Limited, Bangalore
- Sun Micro Systems India Pvt. Ltd, Bangalore
- The Industrial Estate Manufacturer's Association, Guindy, Chennai
- Tamilnadu Association of Cottage and Tiny Entrepreneurs, Ambattur, Chennai
- British Council, Chennai
- Gopali and Company, Chennai
- New Mexico Tech University, USA
- Kursk State Technical University, Russia
- Tomsk Polytechnic University, Tomsk, Russia
- Moscow Power Engineering Institute, Technical University, Moscow, Russia
- Moscow Aviation Institute (State Technical University), Russia
- SERC
- HUDCO
- HRS
- CSIR
- Indian Society for Technical Education (ISTE)
- Institute of Electrical and Telecommunication Engineering (IETE)
- Institute of Electrical and Electronics Engineering (IEEE)
- Vikasha Electronics, Chennai.
- Association of Small Entrepreneurs, Chennai
- Institutional Membership of All India Management Association (AIMA)
- Institutional Membership of Madras Management Association (MMA)
- Institutional Membership of Confederation of Indian Industry (CII)

**(iii) Proposed MOUs:**

- IBM Computers.
- Sathyam Computers

**41. Any Other Points:**

**Personality Development Workshops** are being conducted throughout the year for the final year and pre-final year students with eminent resource persons to train our students in various areas like Group Discussions, Attending Interviews, Communication Skills,

Interpersonal Skills, etc. The above training helped around 75% of students in getting suitable placements in various top notch companies.

**JAPANESE** language classes – “Basic Conversation Level” are conducted for First year CSE and IT students. About 140 students attended this language class and successfully completed the course. This will help them in their admissions to various foreign universities and also for placement.

**Quantitative Aptitude & Analytical Reasoning Training** classes are conducted regularly for under graduate and post graduate at our University Campus. This course is intended to train students for performing well in Campus Interviews. This course is being conducted by the faculty of Mathematics Department.

#### **ACADAMICS:**

- Department staff members are involved in certificate course programme Organized by University. CSE and IT Department staff members have attended the Infosys Training programme.
- Guest Lectures, Industrial Visits, career development programmes are frequently arranged to Students of all branches.
- Arrangement of interactive session is done among the final year students and group discussions by inviting the passed out batch students and adhering their exposures.
- Counseling and guiding the students at various levels is organized.
- The Dept. of Mathematics has conducted MATHMIND – 2012 for all B.E / B.tech Students.
- Periodical meeting with Teaching and Non- Teaching staff members regarding all activities related to respective Department.
- The University allows teachers to participate in Seminars, workshops conducted by other Universities & Colleges.
- Sincere co-operation exists between all Teaching and Non- Teaching staffs regarding the activities related to the function of Department.
- Special training is permitted for the interested and enthusiastic students in CAD and CAM labs after regular class hours.

- The faculty is encouraged to do research projects and thereby present papers in the National and International Conferences and also publish papers and research work in leading journals. Teaching and non-teaching faculty are given opportunities to attend Faculty Development Programs conducted by the various Business Schools in their areas of specializations.
- Motivating the students to attend and participate in other collegiate paper presentations and other competitions.
- Arrangement of interactive sessions among the final year students and group discussions by inviting the passed out batch students and sharing their experience.
- Academic improvements and the performance of the faculties are being assessed through various feedbacks, including students' feedback.
- University empowers staff and students to care for their health with the hope of integrating healthy practices in their daily lives.
- The University continuously monitors the cleanliness of its laboratories.
- Special emphasis is made on the hygienic conditions of the department.
- Periodic class test, Assignments, Mid. semester exams, Model theory exams and previous semester Results giving way for the special class if required for the students.
- Staffs were engaged in research programs and publishing articles in National and International Journals.
- Staffs motivating to the students for research and higher studies.
- Formed students committee and conducted seminar on recent topics.
- The key attraction is the disciplinary principles enforced.
- Train Lab Technician through UG/PG Courses.
- Personality Development Classes Conducted by Trained Personal from 2<sup>nd</sup> Semester itself.
- Meetings on a monthly basis to discuss about all improvement activities.
- Regular updates to parents is done regarding attendance, Results and so on.
- Feedback from students
- Weak students identification and training.
- Community services



- Personal counseling for students.

### **“TECHNOVATION 2012”: A Mega Project Exhibition:**

Our University has organized a mega project exhibition “TECHNOVATION 2012” from 14<sup>th</sup> April to 15<sup>th</sup> April for our final year students. Top six projects from all the departments were displayed in the Exhibition. Experts from various industries were invited to evaluate the projects. Based on the experts evaluation cash prize of Rs.5000/- and a Certificate for the first place for every department were awarded. A overall group prize of Rs.10,000/- were also awarded among the department groups. The groups are Electronics Group, Mechanical Group, Civil group, Bio group and computer science group. A total of Rs.1,50,000/- cash prizes were won by the students.

All the junior students of the University have visited the exhibition and learnt the technical aspects of the projects from their seniors.

### **SATHYABAMA NANO SATELLITE**

An MOU has been signed between ISRO, Bangalore and Sathyabama University to launch a Nano Satellite in the month of June 2011. The satellite will be designed and developed by the students of Sathyabama University in the university campus itself. For this project, 27 students have been recruited from the present third year from various departments. The students were recruited by conducting a written test and interview by the Dean and expert from ISRO. A team of 12 staff members are also involved for guiding the students in this project.

### **TAMIL MANDRAM ACTIVITIES:**

On the eve of Dr.M.G.R’s Birthday celebration Tamil Debate was organized by Tamil Mandram, Sathyabama University.

Tamil Debate was titled as “Paadalkalukku Mukkiyam Isaiya? Varigala?” headed by our Honourable Chancellor Dr. Jeppiaar in the presence of our Directors, Mr. Marie Johnson B.E., M.B.A., Mrs. MariaZeena Johnson B.E., M.B.A., Vice – Chancellor Dr.V.S.R.K. Mouli, Registrar Dr. S.S.Rau, Controller of Examination Dr.K.V.Narayanan, Head of the Departments and Faculty Members. The famous Director cum Actor Mr. K. Bhakiyaraj was the judge for the event.

Each Isaiya and Varigala team was represented by six members. The best speakers in each team was awarded with the cash prize of Rs.1000. To encourage the first year student among the participants a special award was given with the cash prize of Rs.1000.

- Ms.M.Mary Jenita-II M.B.A (IsaiyaTeam)
- Mr.Sabarinathan-II E.E.E. (Varigala Team)
- Ms.T. Bhavani – I Chemical Engg. (Special Prize)

Spectators have enjoyed the special memorable speech of Mr. K. Bhakiyaraj who spoke in his own humorous style and finally the debate ended with the National Anthem.

## **FEMFEST ‘ 12**

SATHAYBAMA UNIVERSITY had its greatest privilege and pleasure to celebrate the extravaganza, FEMFEST’12 on 17<sup>th</sup> and 18<sup>th</sup> of February 2012. It was college carnival conducted “FOR THE GIRLS, BY THE GIRLS”. It was celebrated as a mark of THE INTERNATIONAL WOMEN’S DAY. Around 70 colleges from all over TamilNadu had participated and have won wonderful prizes worth Rs.5 lakh.

ON 17<sup>th</sup> OF FEBRUARY 2012:

17<sup>th</sup> was the inaugural day of the ceremony. Our guests of honor for the grand inauguration were Ms. Pia Bajpai Selvaraj, Actor.Followed by the inauguration there were amazing performances by the host University.

There were several competitions held for all the colleges from morning to evening. Eminent Guests from various fields precede and judged the competitions.

### LIST OF EVENTS

HOTCH-POTCH

WORD POWER

DESI-BEATS

MISH-MASH

COLOR WHEEL

TWIST & TURN

FASHION SHOW

### HONOURABLE GUESTS OF HONOURS

Ms. HEMA GOPAL

Ms. SHWETHA

Ms. UMA

Ms. NIRMALA LAKSHMAN

Ms. RAMYA

Ms. PRIYA KRISHNADHAS

Ms. SAMYUKTHA SHANMUGANATHAN

That evening ended up with a MUSIC SHOW by Ms.Chinmayi .

On 18th OF FEBRUARY 2012:

This is last day of the festival. The competitions resumed on the third day with the zest.

LIST OF EVENTS

1. POT POURRI
2. ADZAP
3. ANTHAKSHARI
4. TALENT SHOW

HONOURABLE GUESTS OF HONOURS

Dr. MALLIKA  
Ms. TULSI N MERCHANDEY  
RADIO MIRCHI ANJANA & Ms. PRIYA  
MANIKANDAN  
Ms. SUPRIYA

The Best Talented Person was awarded Scooty Teenz which was won by Ms. Shabnam Sheik of St. Joseph's College of Engg. FILM ACTOR Ms. Ramya Krishnan showed her presence during the GRAND FINALE & THE PRIZE DISTRIBUTION CEREMONY. Our host university performances added beauty to the grand finale. There were so many accessories and clothing botiques, eatery stalls provided for the crowd. The overall winner was given the winner trophy won by St. Joseph's college of engineering. The other colleges, participants and winners have won the rest of the prizes worth Rs.5 lakhs. Thus the festival ended up giving an immense pleasure for the girls and great satisfaction for the management itself.

## Part C

### The plans of the University for the academic year 2011-2012:

- To explore research in the latest fields such as nanotechnology along with the existing research fields.
- To submit new project proposals to the various funding agencies.
- To encourage faculty members to continue research in their field of research and activities.
- To implement more communal activities through NCC and NSS.
- To train the science students to become software professionals
- To promote research in newly emerging and frontier areas of science and engineering including multidisciplinary fields.
- To encourage the students and faculty to take up R&D activities
- To upgrade the technical skills Department organizes Seminars, Guest lectures, Workshops
- Encourage students in extracurricular Activities like sports & Cultural.
- Planned to organize national level student symposia
- Revision of syllabus as per University Norms
- Planned to continue and start new collaborative research projects with CLRI, Anna University, University of Madras and various other research institutions
- Improve the infrastructural facilities for meeting the growing research needs
- Encourage students in research activities

## ANNEXURE I

### Initiative Towards Faculty Development Programmes

Sl. No	Name of the Faculty	Dept.	Date of the Programme	Program Attended with details	
1.	Mr.N.SRINIVASAN	CSE	7,8 July 2011	Advanced Concepts In Matlab	
2.	Ms.B.ANKAYARKANNI		21-25 Sep2011	Image Processing using MATLAB	
3.	Ms.Asha		8&9 Dec 2011	High Performance Computing	
4.	Mr.Ashok Kumar		8&9 Dec 2011	High Performance Computing	
5.	Ms.S.PRAYLA SHYRY		7/7/11/8/7/11	Workshop on MATLAB	
6.	Ms.S.L.JANY SHABU		Aug 2011	Software Architecture and Design Pattern	
7.	Ms.A.SAFIYA PARVIN		Aug 2011	Software Architecture and Design Pattern	
8.	Ms.MERCY PAUL SELVAN		Aug 2011	Software Architecture and Design Pattern	
9.	Mr. G. Mathivanan	IT	July 2011	Multivariate data analysis for mgmt research	
10.	Mr. G. Mathivanan		Nov 2011	Statistical modeling for data analysis	
11.	Ms. V. Vijeya kaveri		Sept 2011	Techniques and Tools in Data Mining	
12.	Mr. S. Justin Samuel		18/08/2011	Emerging trends in image processing	
13.	Mr. S. Igni Sabasti prabu		16.06.2011	Software testing	
14.	Mr.Vijay .K		16.06.2011	Software testing	
15.	Mr.Vijay .K		22-23/07/2011	Research issues in data mining and data warehousing	
16.	Ms. P. Ajitha		4/8/11 - 5/8/11	Art of Writing Thesis and Research Paper	
17.	Ms. P. Ajitha		8 <sup>th</sup> & 9 <sup>th</sup> sep 2011	Techniques and Tools in Data Mining	
18.	Ms. Priya				
19.	G.Sathiyabama	ECE	2011	RASDAT 2011	
20.	B.Rajasekar		December 2011	Applications of Advanced Signal/ Image Processing for Quality Assurance In Food Processing Industry by Imaging Techniques	
21.	Mr.V.Vijayakumar				
22.	Mr.M.Sugadev				
23.	Ms.U.Megalatha	E&C	JUNE 2011	Seminar on Wireless Tech. in Instrumentation	
24.	Ms.U.Megalatha		Dec 2011	PID Controllers and future trends	
25.	Ms.P.Grace Kanmani		2011	FDP on Matlab Programming	
26.	Ms.P.Grace Kanmani		2011	Workshop on Signal Processing and Wavelet Transform Toolbox in Matlab	
27.	Ms.U.Anitha		2011	FDP on Matlab Programming	
28.	Ms.V.Manonmani		2011	Indian Youth Science Congress	
29.	Ms.V.Manonmani		2011	Wireless Technologies in Instrumentation	
30.	Ms.V.Manonmani		2011	ISA Student Leadership Meet	
31.	Ms.R.Narmadha		2011	FDP on Matlab Programming	
32.	Ms.R.Narmadha		2011	Process Control and instrumentation	
33.	Ms.R.Narmadha		2011	Automation and Control	
34.	Ms.Thaj Mary Delsy		EIE	23.06.2011-25.06.2011	Design and Implementation of Advanced Controllers For Non-Linear System Using Labview
35.	Ms.D.Vanitha			18.06.2011	Wireless technologies in instrumentation
36.	Mrs. M. S. Godwin Premi		ETCE	JULY 2011	Workshop on Network Simulation using OPNET
37.	Mr.G.T.Sundarrajan		EEE	25 <sup>th</sup> June 2011	National Workshop on Smart Grid for Intelligent Energy Usage

38.	Mrs. S. Radhika		7 <sup>th</sup> - 8 <sup>th</sup> July 2011	National Workshop on Advanced Concepts & Hands on Training using MATLAB	
39.	Mrs.J.FemilaRoseline		Dec 1 – 3	Workshop on Applications of advanced signal image processing for quality assurance in food processing industry by imaging techniques	
40.	Mr.E.V.V.Ramanamurthy	MECH	07-Sep 2011	Trends in material joining technologies	
41.	Mr.S.Lakshmisankar		18 -22 July 2011	Multi variant data analysis	
42.	Mr.S.Lakshmisankar		7-19 Nov 2011	Processing and applications of advanced composite materials	
43.	Mr.S.Lakshmisankar		07-Sep 2011	Trends in material joining technologies	
44.	Mr.S.Lakshmisankar		07-08 July 2011	Advanced Concepts of hands on training using MATLAB	
45.	Mr.C.Jothishanmugham		07-Sep 2011	Trends in material joining technologies	
46.	Mr.A.Anderson		7-19 Nov 2011	Processing and applications of advanced composite materials	
47.	Mr.V.Saikrishnan		18 -22 July 2011	Multi variant data analysis	
48.	Mr.V.Saikrishnan		07-Sep 2011	Trends in material joining technologies	
49.	Mr.V.Saikrishnan		07-08 July 2011	Advanced Concepts of hands on training using MATLAB	
50.	Mr.J.Parthipan		07-Sep 2011	Trends in material joining technologies	
51.	Mr.P.Duraimurugan		7-19 Nov 2011	Processing and applications of advanced composite materials	
52.	Mr.M.Purusothaman		14 Oct 2011	Recent trends in R& AC	
53.	Mr.M.Purusothaman		4-5 Nov 2011	Art of writing Thesis and Paper	
54.	Mr.T.Arunkumar		4-5 Nov 2011	Art of writing Thesis and Paper	
55.	Mr.T.Arunkumar		07-Sep 2011	Trends in material joining technologies	
56.	Mr .J. R.Deepak		M&P	07-Sep 2011	Trends in Material Joining Technologies
57.	Dr. Jayshree Nellore		BTE	28-29 Nov 2011	International Conference on Nano Science, Engineering and Technology (ICONSET)
58.	Ms. S. Sudha			18/7/2011-19/7/2011	International seminar "Frontiers of stem cell and Biotechnology in Human & Verterinary Medicine"
59.	Ms. S. Sudha			17/11/2011-18/11/2011	3 <sup>rd</sup> International Conference On "Science, Engineering and Technology (SET).
60.	Ms. M Bavani Latha	18 <sup>th</sup> & 19 <sup>th</sup> July 2011 (2 days)		Second International Seminar Frontiers of Stem cell and Biotechnology in Human & Veterinary Medicine	
61.	Dr. Y. Justin Koil Pillai	24 <sup>th</sup> and 25 <sup>th</sup> November, 2011		Two days International Workshop on "Challenges and Innovation in Renewable Energy Production"	
62.	Dr. Masilamani Selvam	19-22 July 2011.		Methodenseminarin Verbindung mit den Tubinger Gesprachen zur Biologie and Chemie von Microorganismen	
63.	Dr. Masilamani Selvam	June 8 <sup>th</sup> 2011		Gottinger Chemiforum	
64.	Dr. Masilamani Selvam	26 <sup>th</sup> to 29 <sup>th</sup> , 2011		German-Ausrian-French-Hungarian-Italian Conference in Organic and Biomolecular Chemistry	
65.	U.B.Jason	BIN		4,5Aug 2011	Art of writing thesis
66.	Dr. C.Jayanthi		29.08.2011 –	Symposium on Chemistry and Environmental	

67.	Lavanya.G		31.08.2011	Needs
68.	N. Premjanu		21.12.2011	Recent advances in Proteomics
69.	G. Lavanya			
70.	H. Jemmy Christy			
71.	S. Bhuvaneshwari			
72.	Dr.M.Xavier Suresh		Jan 23-25, 2012	4th International Symposium on Recent Trends in Macromolecular Structure and Function(ISRTMSF2012)
73.	Dr.C.Jayanthy			
74.	R.Barani Kumar			
75.	G.Lavanya			
76.	C.Jemmy Christy			
77.	N.Premjanu			
78.	S. Bhuvaneshwari			
79.	Mr. T. Sudhakar	BME	07-06-2011	Intl. Seminar on Waste Management.
80.	N.Josephin selvi	CHEM	07-06-2011	International seminar on waste management
81.	C.S.Danee Joycee	CIVIL	07-06-2011	International seminar on waste management
82.	Lilly Rose. A	ARCH	25-Nov-11	Inovation In Green Rating For Buildings
83.	Lilly Rose. A		28-30 Jun 2011	India-Usa Global Planning And Network Strategy Conference 2011
84.	N.Jothilakshmy		2011	Samvad
85.	N.Jothilakshmy		2011	Sustainable And Urban & Transportation Planning : Issues And Management Strategies
86.	N.Jothilakshmy		27-Jul-11	IntlConference On Emerging Green Technologies
87.	S.Ebin Horrison		28-30 Jun 2011	India-Usa Global Planning And Network Strategy Conference 2011
88.	R.Arul Malar		21-25 Dec'11	Neo Urbanism
89.	R.Arul Malar		27-Jul-11	Intl Conference On Emerging Green Technologies
90.	R.Arul Malar		2011	Samvad
91.	Anitha .M		Jul-11	Designing Of Barrier Free Environment,
92.	Anitha .M		Aug-11	Art Of Writing Thesis & Research Papers
93.	Anitha .M		Oct-11	Griha
94.	S.Deepalakshmi		Jul-11	Designing Of Barrier Free Environment,
95.	S.Deepalakshmi		Aug-11	Art Of Writing Thesis & Research Papers
96.	S.Deepalakshmi		Oct-11	Griha
97.	S.Bharathi		Jun-11	Sustainable Habitat
98.	S.Bharathi		28-30 Jun 2011	India-USA Global Planning and Network Strategy Conference 2011
99.	Bhagawath Geetha	20-Oct-11	Prakruti - Landscape	
100.	P.Lavanya Vidya	Jun-11	Sustainable Habitat	
101.	Purushothaman. A	Jun-11	Sustainable Habitat	
102.	S. JANET MARY M. SAMANDHA SMITH	VISC OM	4 & 5August, 2011	Art Of Writing
103.	Dr.G.Sithalakshmy	B.Ed	2011	Communication Skills Laboratory
104.	Dr.G.Sithalakshmy		2011	English Grammar
105.	Dr.G.Sithalakshmy		2011	Towards Indian Ecocriticism
106.	Dr.G.Sithalakshmy		2011	The God of Small Things: An Environmental Feminist Critique
107.	Ms. A H Komala		2011	Strategic learning and teaching inexorably linked process.

108.	Ms. A H Komala		2011	Knowledge Management through Outsourcing: An Educational Perspective.
109.	V.Nalini		2011	Teacher, Globalization, Culture and Education – Global Education
110.	V.Nalini		2011	Inspiring students to Aspire for excellence – Portfolio Assessment.
111.	V.Nalini		2011	Art of Writing Thesis and Research Papers
112	S.A.E.Josephine		2011	Teacher, Globalization, Culture and Education
113	S.A.E.Josephine		2011	Inspiring students to Aspire for excellence – Portfolio Assessment.
114	S.A.E.Josephine		2011	Art of Writing Thesis
115	Mr.C.K. Kirubhashankar	Maths	7-8 July 2011	National level workshop on "Advanced Concepts & Hands-on Training using MATLAB"
116	Mr.A. Mohammed Ismail		7-8 July 2011	National level workshop on "Advanced Concepts & Hands-on Training using MATLAB"
117	Mrs. R. Revathi		1-Jul-11	Graph-A String That Cuts Across All Disciplines
118	Mrs.J. Jayapriya		7-8 July2011	Hands on training and Advanced concepts in MATLAB
119	Mrs.T. Manjula		1-Jul-11	Graph-A String That Cuts Across All Disciplines
120	Mrs.M. Mallika		1-Jul-11	Graph-A String That Cuts Across All Disciplines
121	Mrs.Priya Shirley Muller		1-Jul-11	Graph-A String That Cuts Across All Disciplines
122	Mrs.K. Bhuvaneshwari		7-8 July 2011	National Workshop On Advanced concepts & Hands on training using MATLAB
123	Mr.K.S. Swaminathan		July 18 – 22, 2011	MULTIVARIATE DATA ANALYSIS FOR MANAGEMENT RESEARCH
124	Mr.K.S. Swaminathan		19 - July - 2011	RESEARCH AND DATA ANALYSIS USING SPSS
125	Mr.S.Vaithyasubramanian		July 18 – 22, 2011	MULTIVARIATE DATA ANALYSIS FOR MANAGEMENT RESEARCH
126	Mr.S.Vaithyasubramanian			
127	Mr. K.Venkata Krishnan		1 <sup>st</sup> July 2011	Graph-A String That Cuts Across All Disciplines
128	Mrs.E.Swarna			
129	Mrs. R. Parameswari			
130	Mrs. Girija Bai		7-8 July 2011	Hands on training and Advanced concepts in MATLAB
131	Ms.R. Mary Jeya Jothi		1-Jul-11	Graph-A String That Cuts Across All Disciplines
132	Ms.R. Mary Jeya Jothi			
133	Mrs.P.Gayathri		7-8 July 2011	National Workshop On Advanced concepts & Hands on training using MATLAB
134	Ms.D. Angel			
135	Ms.D. Angel		1-Jul-11	Graph-A String That Cuts Across All Disciplines
136	Dr. Helen Merina Albert	Phy	17 Dec 2011	Indo-Norwegian Satellite Meeting on Advances in Solar Cell Materials & Technologies
137	Dr. Helen Merina Albert		13- 17 <sup>th</sup> , July 2011	Smart Nanoceramics & Nanoscience Research Tools
138	Dr. S. Lathasree	Chem	7 <sup>th</sup> June, 2011	International Seminar on Waste Management
139	Dr. V. Kavitha			
140	Dr. S. S. Rau	MBA	October, 2011	Use of Factor Analysis for selection of Quality improvement projects in medium scale hospitals



141	Ms. J. Rani		13,14 OCT'11	Emerging Trends In Indian Retail
142	Ms. Velumoni		18 <sup>th</sup> & 19 <sup>th</sup> April 2011	Significance Of Industry Analysis By Investment Analyst In Indian Capital Market: A SWOT Analysis On Textile Industry
143	Ms. Nithya Shankar		2011	Emotional intelligence and work related demographic factors among software professionals
144	Ms. Nithya Shankar		April 18th & 19th, 2011	Emotional intelligence and three dimensions
145	Ms. J. Bhavani		18 & 19/04/2011	Role of Industrial Relations and Human Resource Management in Achieving Management Objectives
146	Ms. J. Bhavani		13 & 14/10/2011	Trade union determines healthy Industrial Relations
147	Ms. Divya Sathish		13/10/2011 - 14/10/2011	A Conceptual work on malls in retail industry
148	Mr. John Paul. M		13/10/2011 - 14/10/2011	An Emerging Trends in CRM Implementation on Nationalized banks - A study
149	Ms. Arthy		13th & 14th Oct 2011	Emerging of talent management - A study in Polaris, Chennai
150	S. Murugan	MCA	August 2011	Developing Applications for Android Platform
151	S. Murugan		August 2011	Art of Writing Thesis and Research Papers
152	S. Murugan		July 2011	Software Testing
153	S. Murugan		Dec 2011	Pervasive Web Services
154	B. Muthukumar		August 2011	Developing Applications for Android Platform
155	C. Deepa		August 2011	Developing Applications for Android Platform
156	L. Suji Helen		August 2011	Developing Applications for Android Platform
157	Mrs. A. C Shantha Sheela		22.07.11 23.07.11	National Level Seminar on "Research issues in Data Mining and Data Warehousing"
158	Ms Meera Gandhi		7th and 8th July 2011	Workshop on "Advanced Concepts and hand on training on MatLab"
159	Ms Meera Gandhi		16 th July 2011	Faculty Development Programme on "Software Testing"

**ANNEXURE II**

**8.NUMBER OF SEMINARS & WORKSHOPS**

SL. NO.	DEPT.	SEMINAR / WORKSHOP	DATES	NAME OF THE GUEST FACULTY / ORGANISATION
1.	CSE	Data Storage Technologies	01.07.11	Ms.Swathi, Ms.Sivapriya, PetaByte Technologies Ltd., Chennai
2.		ERP Demystified	02.08.11	Mr.Raghunathan, Allesec technologies, Chennai
3.		Projects and Placements	10.08.11	Mr.C.Arun [Alumini]
4.		Six Sigma – an Overview	12.01.11	Mr.Sudeep Bhargava, GA Services pvt. Ltd.
5.		Openings in Open Source	25.01.11	Mr.Mani, CegonSoft pvt. Ltd.
6.		Introduction to Software Tools	31.01.11	Mr.N.Devanath, Everonn Education pvt. Ltd.
7.		Higher studies preparation	01.02.11	Mr.Y.Hariharan, Scoregetter, chennai
8.		Preperations for Placement	22.02.11	Mr.Bharath Raghunanthan, Systems Engineer, Siemens, Bangalore [Alumini]
9.		Higher studies preparation	28/02/11	Mr.Anil Kumar, Scoregetter, chennai
10.	IT	Open Soft - PHP AND MYSQL	08.02.2011 09.02.2011	Thiru. P. Senthil Kumar, Director, In1ventures Pvt. Ltd.,
11.		Six Sigma	12/01/11	Mr.Sudeep Bhargava
12.		.NET	02/02/11	Mr.Arunkumar, HCL
13.		Comparison of OS	02/02/11	Dr.T.G.Sambandhan, TTTI,Taramani
14.		Information Storage	21/07/11	Ms.Priya,PETABYTE
15.		Cloud Computing	04/08/11	Mr.Nameed, HCL Technologies
16.	MCA	DRUPAL	25/02/2011	Mr. P. Devaraj, Fresh Media Group India Pvt Ltd
17.		Data Warehousing	11/03/2011	Mr. A. Perumal, EDS
18.		Unix	16/03/2011	Mr. P. Sudharsan, Infosys Technology
19.		Essentials of Curriculum Projects	05/04/2011	Dr. G. Venkateswaran, Bits Pilani, Chennai
20.		Open Source	24/02/2011	Mr. M. Srinivas, Open Wave Computing Services Pvt Ltd
21.		DRUPAL	25/02/2011	Mr. P. Devaraj, Fresh Media Group India Pvt Ltd
22.		Data Warehousing	11/03/2011	Mr. A. Perumal, EDS
23.		Essentials of Curriculum Projects	05/04/2011	Dr.G. Venkateswaran, Bits Pilani, Chennai
24.		Web Application Development and Troubleshooting	14/09/2011	Mrs.Vanitha Arunachalam, Mphasis an HP Company
25.		Trends in High Tech Computing	28/09/2011	Mr. Radhakrishnan, HCL Technologies

26.		What Corporate Looks in?	29/09/2011	Mr. Srinivasan Rajagopal, Accenture
27.		Mat Lab	07/07/2011	Dr. G. Venkateswaran, Bits Pilani, Chennai
28.		Image Processing	08/07/2011	Dr. N.M.Nandhitha, Sathyabama University
29.		Web Application Development and Troubleshooting	14/09/2011	Mrs.Vanitha Arunachalam Mphasis an HP Company
30.		Trends in High Tech Computing	28/09/2011	Mr. Radhakrishnan, HCL Technologies
31.		What Corporate Looks in?	29/09/2011	Mr. Srinivasan Rajagopal, Accenture
32.	EEE	Control System for Process Industries	23.09.2011	Mr.D.Sundarasekaran, Electrical engineer, Madras fertilizers ltd, Chennai
33.		Data Structures	03.02.2012	Mr.P.Sudharsan, senior program executive, Infosys, Chennai
34.		PLC & SCADA	22.02.2012	A.Karthikeyan, Technocrat automation, Chennai
35.	ECE	Mobile Communication	29.07.2011	Mr. Saravanan, Vestel Telecom Services
36.		Wireless Sensor Networks	14.07.2011	Mr. B. Venkatraman, V.B. Microsystems.
37.		Processing of Medical Images	22.06.2011	Dr. P. Vigneshwaran, SRM University, Chennai.
38.	ETCE	How to face Interview	14.7.11	Mr.Gopinath
39.		Communication Skill development Prog.-I	15.7.11	Dr. Jayanthi Srivaradhan
40.		How to face Interview	18.7.11	Mr.Gopinath
41.		Signal Processing & Its applications	19.7.11	Mr. M. Sundarajan
42.		Computer fundamentals	20.7.11	Mr Srinivasan
43.		Communication Skill development Prog.-II	20.7.11	Dr. Jayanthi Srivaradhan
44.		Networking and its Applications	26.7.11	Mr. M. Sundarajan
45.		How to face Interview	27.7.11	Mr.Gopinath
46.		C Fundamentals	27.7.11	Mr Srinivasan
47.		Communication Skill development program"Where do you do from here"	23.1.12	Mr .K.S.Sharma
48.	E&I	Industrial Automation	16.03.11	Mr.Anbarasan, Application Engineer, TechnocratAutomation.
49.		Mobile communication & its Measurements	14.07.11	Mr.P.Thangavel DGM/BSNL Chennai
50.		Six Sigma	20.07.11	Ms.Kalyani Program Coordinator Indian School Professional Excellence (ISPE)
51.		Robotics &Automation	25.08.11	Mr.K.Saaminatha Elamaran Chief Executive, Acharya, Chennai-88
52.		Instrumentation in process industries	24.01.12	Mr.A.Gowthaman,CPCL
53.		Software based instrumentation	23.02.12	Mr.J.M.Kiran Raj Mohan, IGATE

54.		Embedded System	01.03.12	Mr.Prabhu, Appin Tech Lab, Purasiwalkam
55.	E&C	Navy Academy& Selection Procedure	06 <sup>th</sup> Sep 2011	Mr.K.V.K.R.Reddy Lieutenant Colonel
56.		Communication Skills & Body Language	24 <sup>th</sup> Aug 2011	Dr.Vidhyalakshmi Guest Faculty
57.		Embedded Systems Applications	22th Jun 2011	Mr.Alagesan Cpro IT Services Pvt.Ltd.
58.		How to Face Interview & Group Discussion	13 <sup>th</sup> Jul 2011	Dr. Gopinath Sathyabama University
59.		Communication Skills & Body Language	24 <sup>th</sup> Aug 2011	Dr.Vidhyalakshmi Guest Faculty
60.	MECH	Scope of Entrepreneurship in Tamil nadu	23.08.11	Mr.A.N.Rajendiran
61.		Fracture and fatigue mechanism	05.08.11	Mr.A.R.C.Murthy, Asst Director
62.	M&P	Industrial Robotics	12.03.2012	Hari om harsh
63.		Fabrication and analysis of formula style car	10.03.2012	Paratika dutta, Palashagarwal Mathew Xavier
64.	AERO	Modern Technology in Maintenance of Heavy Aircraft	27-01-2012	Wg.Cdr. Manoharan. Quality Engineer, Blue Dart Aviation.
65.	BTE	Biochip technology in Immunodiagnosics	27.02.2012	Dr.Siva Kumar, Unit Head, Sachika Institute of training in Biomedical Technology,Chennai.
66.		Biochip technology in immunodiagnosics	08.03.2012	Sachika Institute of Training in Biomedical Technology
67.	CHEM	Importance of Industrial Safety	14.02.11	Mr.Swaminathan Central Leather Research Institute
68.		Safety Engineering	17.03.11	Mr.Elavarasan Cognizant Technology Solutions, Chennai
69.		Transport Phenomena	05.08.11	Dr.Anand Babu Indira Gandhi Centre for Atomic Research (IGCAR)
70.		Unit Operations in Biochemical Engineering	10.09.11	Ms. Shreya Maladi Group of Industries, Chennai
71.		Refining Process & Career Opportunities in Refinery industries	14.02.12	Ms.N.P. Shanthi Manali Petrochemicals Limited, Chennai
72.		Extraction & Purification of Essential oils	19.03.12	Mr.P.B.Rajsekar Rajkeerth Enterprises, Chennai
73.	CIVIL	Revit Modeling-Next Revolution in AEC industry	01/08/2011	Ms. Charulatha
74.		Innovations, Repair and Rehabilitation of Distressed Concrete Structures	21/02/2012	Mr.P.Kalyanasundram
75.		Revit Modeling-Next Revolution in AEC industry	07/03/2012	Ms. Charulatha
76.	ARCH	Guest Lecture on "Architectural Design"	7 <sup>th</sup> Feb & 29 <sup>th</sup> Mar 2012	Ar.DeepakRao
77.		Guest Lecture on "Architectural Design"	7 Feb 2012	Ar. Abdul Surfaz
78.		Guest Lecture on "Architectural Design"	9,10 Feb 2012	Ar. Sathish

79.		Guest Lecture on "Architectural Design"	23 <sup>rd</sup> Feb 2012	Ar. Anoop George
80.		Guest Lecture on "Architectural Design"	1&23 Mar '12	Ar. Harish
81.		Guest Lecture on "Building Services & Integration"	2 March 2012	Ar. Sukirtha. S
82.		Guest Lecture on "Architectural Design"	6,7 Mar 2012	Ar. Premjith
83.		Guest Lecture on "Architectural Design"	31 <sup>st</sup> Mar 2012	Ar. Anoop George
84.		Guest Lecture on "Architectural Design"	8 <sup>th</sup> April 2011	Ar. Edward Kennedy
85.		Guest Lecture on "Architectural Design"	6 <sup>th</sup> July 2011	Ar. Balaji
86.		Guest Lecture on "Architectural Design"	18 <sup>th</sup> July 2011	Ar. Palanivel
87.		Guest Lecture on "Architectural Design"	25 <sup>th</sup> July 2011	Ar. Felix
88.		Guest Lecture on "Architectural Design"	25 <sup>th</sup> July 2011	Ar. Sharath
89.		Guest Lecture on "Architectural Design"	9 <sup>th</sup> Aug 2011	Ar. Vennila
90.		Guest Lecture on "Architectural Design"	10 <sup>th</sup> Aug 2011	Ar. Joseph. I
91.		Guest Lecture on "Interior Design"	10 <sup>th</sup> Aug 2011	Mr. Aby Philip
92.		Guest Lecture on "Energy Efficiency"	22 <sup>nd</sup> Aug 2011	Mrs. Prameena .K
93.		Guest Lecture on "Architectural Design"	23 <sup>rd</sup> Aug 2011	Ar. Loganathan
94.		Guest Lecture on "Architectural Design"	30 <sup>th</sup> Aug 2011	Ar. Harish .K. Shankaran
95.	MBA	Role of financial analyst	26.07.2011	Mr. G. Saravanan, Karuvysya Bank
96.		Human resource	21.10.2011	Ms. Mithra, Nokia
97.		Role of HR consultancy	03.11.2011	Mr. Vasana, Consultant - IIT
98.		Opportunities with regards to sea food	30.01.2012	Dr. B. Shanthi, Sr. Scientist, Central Institute of Brackishwater
99.		Industrial atmosphere	07.02.2012	Dr. Senthil Raja, Virtusa
100.		Administrative skills	22.02.2012	Mr. Sethu Raman, Hyundai
101.		Human psychology	23.03.2012	Mrs. Nandhini Raman, Sathyabama University
102.		Managerial Skills	29.03.2012	Mrs. AnuOzha, Softer Wheeler Engg.Co.
103.		International trade	03.04.2012	Mr. Shankaran Nair, Servion Global Solutions
104.	VISCOM	Exhibition –EIDOS – Photography	August 12 <sup>th</sup> and 13 <sup>th</sup> 2011	Mr. Cheran (Film director) &Mr.Rathnavel (Cinematographer)
105.		Interaction with director (Commercial Film) VagaiSudava (Film Making)	8/11/2011	Mr.GauthamVasudev Menon, (Film Director), Mr.Rajesh, (Film Director), r.A.Sarkunam (Film Director),
106.	Educator	WORKSHOP ON CLASS ROOM MANAGEMENT	17 <sup>th</sup> Dec 2011	Mrs.Nandini Raman Psychologist Sathyabama University.

### ANNEXURE III

S.No	Research Scholar	Faculty	Research Title
1.	A.C.Santha Sheela	CSE	Efficient web Search system for web content mining
2.	P.Ajjitha	CSE	Semantic Based pattern search engine (Like emotion, text etc)
3.	Saravanan.M	CSE	Team Eminence analysis through the formulation of Algorithmic Conglomeration
4.	V.Vijeya Kaveri	IT	Information System for heterogeneous Source
5.	John Bruce.E	CSE	Model Based Test Prioritization for Regression Testing
6.	Usha Nandini.D	CSE	Automatic Shadow Detection of Remotely Sensed Images
7.	Suji Helen.L	CSE	New horizon for key management in wireless sensor networks
8.	Srinivasan.N	CSE	Forecasting stock trading using adhoc techniques
9.	Mercy Paul Selvan	CSE	Efficient Ranking Algorithm for rating a Web Page.
10.	Jany Shabu.S.L	IT	Brain Tumor Diagnosis Through Multimodal Image Fusion Using Intelligent Optimization Techniques.
11.	A.Ramesh Babu	EEE	Development of multiphase soft switching interleaved boost converter for PV applications.
12.	J.Barnabas Paul Gladly	EEE	Optimal operation a switched capacitor converters design and implementation for high power applications
13.	Femila Roseline.J	EEE	Design of Neuro-Fuzzy Controller for Plasma Position Control in Aditya Tokomaks - A Fusion Device
14.	Hemanandh.J	Mech	Experimental Investigation in Optimization of Design Parameters for Emission Reduction.
15.	S.P.Venkatesan	Mech	Experimental Investigation of Aquerus Cerium Oxide Nanofluid Blend in Diesel Engine
16.	Alexander.J	Aero	Investigation of mechanical properties and failure analysis of basalt fiber laminate composite in air transportation application
17.	Abraham Boniface.V	Aero	Robet Trajectory Planning for Free for free form Surface
18.	Senthil velavan.S	Aero	Studies on Flow Over a backward facing Step.
19.	Jaya Prabakar.J	Mech	Investigation on the performance of Diesel engine using Algae biofuel
20.	Jothi Shanmugam.C	Mech	Micro Machining using Micro EDM
21.	Saikrishnan.V	Mech	Investigation of the performance of combined thermal storage system.
22.	Karthick.V	BTE	Biosynthesis of gold nanoparticles using antibiotic plants and their evaluation
23.	Harish Chander.A	BIN	Pharmacogenomics &Mirna Regulated Networks in Proriasis
24.	Jayapradha.A	Chemical	Pyrolysis of Printed Circuit Board - A Viable Source of Energy
25.	Senthilkumar.P	Chemical	Synthesis Cahrecterization and Application and of PHA

26.	Shahnaz Majeed Magray	Life sciences	Study of Silver Nanoparticles Synthesized From Penicillium Species and Development of Scar Marker Against Human Pathogens.
27.	Menaka.K	Life sciences	Antibiotic Analysis of Silvernanoparticles Synthesized from Aspergilli Isolated from Working Environments of Chennai City
28.	Stalin dhas.T	Life sciences	Biologically synthesized gold nanoparticles using sargassum species and its evaluation for biomedical applications
29.	Mohd Amin Bhat	Life sciences	Molecular Assay and Mechanism of Nanoparticles Synthesized from Various Micro Organisms.
30.	Ramachandran.D	Life sciences	Biodeterioration of Concrete Under Biofilms Especially SulfurOxidising and Acid Producing Microbes.
31.	Lakshmipathy.M	Life sciences	Studies on the Synthesis and Holistic Approaches of Silver Nanoparticles as a Biomaterial Against Multi Drug resistance Pathogens(MDR)
32.	Jayavardhanan.R	Life sciences	Biomedical Applications of silver nanoparticles produced by biological methods.
33.	Sucheta Sadhu	Life sciences	Phytoremediation of Heavy Metals Using Microalgae
34.	A.Annadurai	Civil	Seismic Behaviour of Beam-Column Joints Using Hybrid Fibre Rewforced Concrete.
35.	Nirmala.R	Civil	Study on Mechanical Behaviour of Buried Pipes - Laboratory Model Studies and Parametric Analysis
36.	Santhanam.K	S&H (Civil)	Water Planning of Thiruvanamalai - Thuringapuram Watershed of Thuringalar Minor Basin Using Integrated Model
37.	Siva Subramanian.T	S&H (Civil)	Delination of Aquifer Geometrics Using Integrated Approach for Effective Management of Ground Water Resources.
38.	Germin Amali Jacintha.T	S&H (Civil)	Sustainable development for village dynamics studies in a backward village (Kadalur village of lathur block)
39.	Mr.John Paul.M	MBA	Customer Perspective on CRM Practices in Banks
40.	Ms.Meena Kumari.R	MBA	Opportunities and Constraints of Women Self Help Groups in Marketing of Aquaculture and Other Produces.
41.	D.Velumoni	MBA	Consumer behavior on investment alternatives
42.	Aysha Fathima.Y	MBA	Customer perception on net banking-a comparative study between urban customers in Tamil Nadu.
43.	Lakshmi.S	MBA	Brand Justice Among the Fast Moving Consumer Goods
44.	J.Kumar	MBA	Performance Evaluation of Indian Commercial Banks
45.	M.Bagirathi	MBA	Perception of Employer Branding with Special Reference to Corporate Hospitals in Chennai.
46.	D.Mohanakumari	MBA	Competency Mapping of the Teaching Faculties in Engineering Colleges in Chennai.
47.	Jayanthi.M	MBA	Financial Literacy on Micro Credit Management in Tamil Nadu
48.	Nandini Raman	Mgt. Science	Effectiveness of Counseling on Improving Self-Esteem of Adolescents
49.	Girija Bai.H	Maths	Numerical Simulation of Some Biological Flows
50.	Shyla.M.V	Maths	Computational Analysis of Sniffing in the Context of Bioterrorism

51.	Parameshwari.R	Maths	A study on various graph labeling and its applications
52.	Revathi.R	Maths	A Study on Zero division's graphs and their labeling.
53.	Angel.D	Maths	A Study on the Vertex covering Problem
54.	Buvaneswari.K	Maths	Triangular Picture languages on P System
55.	Josephine Therasa.J	Physics	Nanoflms of Biologically Synthesized Metal Oxide Nanoparticles for Antifouling, Biosensor and Catalytic Applications.
56.	Manjula.M	Physics	Electronic structure calculation of some intermetallic compounds.



## ANNEXURE IV

### Teachers and Officers newly recruited during the academic year 2011-2012:

S.No.	DEPARTMENT	No. of recruitments	
		Teaching Faculty	Non – Teaching Faculty
1.	EEE	2	-
2.	ETCE	-	1
3.	EIE	3	-
4.	ECE	1	-
5.	CIVIL	10	-
6.	M & P	2	-
7.	CHEM	2	-
8.	MECH	5	-
9.	Aero	2	-
10.	AUTO	2	-
11.	MCA	1	-
12.	BDS	16	-
13.	COR	-	4
14.	CWR	-	1
15.	Nano Tech	-	4
16.	PHYSICS	2	-
17.	CHEMISTRY	1	-
18.	MATHS	3	-
19.	B.ARCH	2	-

## ANNEXURE VI

### IEEE ONLINE JOURNALS LIST

#### Annexure -1a

Sl.No.	Title
1.	Acoustics, Speech, and Signal Processing Newsletter, IEEE
2.	Advanced Packaging, IEEE Transactions on [see also Components, Packaging and Manufacturing Technology, Part B: Advanced Packaging, IEEE Transactions on]
3.	Aerospace and Electronic Systems Magazine, IEEE
4.	Aerospace and Electronic Systems, IEEE Transactions on
5.	Annals of the History of Computing, IEEE
6.	Antennas and Propagation Magazine, IEEE
7.	Antennas and Wireless Propagation Letters
8.	Audio, Speech and Language Processing, IEEE Transactions on [see also Speech and Audio Processing, IEEE Transactions on]
9.	Automatic Control, IEEE Transactions on
10.	Automation Science and Engineering, IEEE Transactions on [see also Robotics and Automation, IEEE Transactions on]
11.	Biomedical Engineering, IEEE Transactions on
12.	Broadcasting, IEEE Transactions on
13.	Circuits and Devices Magazine, IEEE
14.	Circuits and Systems for Video Technology, IEEE Transactions on
15.	Circuits and Systems I: Regular Papers, IEEE Transactions on
16.	Circuits and Systems I: Fundamental Theory and Applications, IEEE Transactions on
17.	Circuits and Systems II: Express Briefs, IEEE Transactions on [see also Circuits and Systems II: Analog and Digital Signal Processing, IEEE Transactions on]
18.	Circuits and Systems Magazine, IEEE
19.	Communications Letters, IEEE
20.	Communications Magazine, IEEE
21.	Communications Society: A Digest of News and Events of Interest to Communications Engineers
22.	Communications Surveys & Tutorials, IEEE
23.	Communications, IEEE Transactions on
24.	Component Parts, IEEE Transactions on
25.	Components and Packaging Technologies, IEEE Transactions on [see also Components, Packaging and Manufacturing Technology, Part A: Packaging Technologies, IEEE Transactions on]
26.	Computational Biology and Bioinformatics, IEEE/ACM Transactions on
27.	Computational Intelligence Magazine, IEEE
28.	Computer
29.	Computer Architecture Letters, IEEE
30.	Computer Graphics and Applications, IEEE
31.	Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on
32.	Computers, IEEE Transactions on
33.	Computing in Science & Engineering [see also IEEE Computational Science and Engineering]
34.	Concurrency, IEEE [see also IEEE Parallel & Distributed Technology]
35.	Consumer Electronics, IEEE Transactions on
36.	Control Systems Magazine, IEEE
37.	Control Systems Technology, IEEE Transactions on

38.	Dependable and Secure Computing, IEEE Transactions on
39.	Design & Test of Computers, IEEE
40.	Device and Materials Reliability, IEEE Transactions on
41.	Dielectrics and Electrical Insulation, IEEE Transactions on [see also Electrical Insulation, IEEE Transactions on]
42.	Display Technology, Journal of
43.	Distributed Systems Online, IEEE
44.	Education, IEEE Transactions on
45.	Electrical and Computer Engineering, Canadian Journal of
46.	Electrical Insulation Magazine, IEEE
47.	Electromagnetic Compatibility, IEEE Transactions on
48.	Electron Device Letters, IEEE
49.	Electron Devices, IEEE Transactions on
50.	Electronic Materials, IEEE/TMS Journal of
51.	Electronics Packaging Manufacturing, IEEE Transactions on [see also Components, Packaging and Manufacturing Technology, Part C: Manufacturing, IEEE Transactions on]
52.	Energy Conversion, IEEE Transactions on
53.	Engineering in Medicine and Biology Magazine, IEEE
54.	Engineering Management Review, IEEE
55.	Engineering Management, IEEE Transactions on
56.	Evolutionary Computation, IEEE Transactions on
57.	Fuzzy Systems, IEEE Transactions on
58.	Geoscience and Remote Sensing Letters, IEEE
59.	Geoscience and Remote Sensing, IEEE Transactions on
60.	Image Processing, IEEE Transactions on
61.	Industrial Electronics, IEEE Transactions on
62.	Industrial Informatics, IEEE Transactions on
63.	Industry Applications Magazine, IEEE
64.	Industry Applications, IEEE Transactions on
65.	Information Forensics and Security, IEEE Transactions on
66.	Information Technology in Biomedicine, IEEE Transactions on
67.	Information Theory, IEEE Transactions on
68.	Instrumentation & Measurement Magazine, IEEE
69.	Instrumentation and Measurement, IEEE Transactions on
70.	Intelligent Systems, IEEE [see also IEEE Intelligent Systems and Their Applications]
71.	Intelligent Transportation Systems, IEEE Transactions on
72.	Internet Computing, IEEE
73.	IRE Professional Group on Audio, Newsletter of the
74.	IT Professional
75.	Knowledge and Data Engineering, IEEE Transactions on
76.	Latin America Transactions, IEEE (Revista IEEE America Latina)
77.	Lightwave Technology, Journal of
78.	LTS, IEEE [see also IEEE LCS]
79.	Magnetics, IEEE Transactions on
80.	Manufacturing Technology, IEEE Transactions on
81.	Mechatronics, IEEE/ASME Transactions on
82.	Medical Imaging, IEEE Transactions on
83.	Micro, IEEE
84.	Microelectromechanical Systems, Journal of

85.	Microwave and Wireless Components Letters, IEEE [see also IEEE Microwave and Guided Wave Letters]
86.	Microwave Magazine, IEEE
87.	Microwave Theory and Techniques, IEEE Transactions on
88.	Mobile Computing, IEEE Transactions on
89.	Multimedia, IEEE
90.	Multimedia, IEEE Transactions on
91.	Nanobioscience, IEEE Transactions on
92.	Nanotechnology, IEEE Transactions on
93.	Network, IEEE
94.	Networking, IEEE/ACM Transactions on
95.	Neural Networks, IEEE Transactions on
96.	Neural Systems and Rehabilitation Engineering, IEEE Transactions on [see also IEEE Trans. on Rehabilitation Engineering]
97.	Nuclear Science, IEEE Transactions on
98.	Parallel and Distributed Systems, IEEE Transactions on
99.	Pattern Analysis and Machine Intelligence, IEEE Transactions on
100.	Pervasive Computing, IEEE
101.	Photonics Technology Letters, IEEE
102.	Plasma Science, IEEE Transactions on
103.	Potentials, IEEE
104.	Power and Energy Magazine, IEEE
105.	Power Apparatus and Systems, IEEE Transactions on
106.	Power Delivery, IEEE Transactions on
107.	Power Electronics Letters, IEEE
108.	Power Electronics, IEEE Transactions on
109.	Power Systems, IEEE Transactions on
110.	Proceedings of the IEEE
111.	Product Engineering and Production, IEEE Transactions on
112.	Professional Communication, IEEE Transactions
113.	Quantum Electronics, IEEE Journal of
114.	Reliability, IEEE Transactions on
115.	Robotics & Automation Magazine, IEEE
116.	Robotics, IEEE Transactions on [see also Robotics and Automation, IEEE Transactions on]
117.	Security & Privacy Magazine, IEEE
118.	Selected Areas in Communications, IEEE Journal on
119.	Selected Topics in Quantum Electronics, IEEE Journal of
120.	Semiconductor Manufacturing, IEEE Transactions on
121.	Sensors Journal, IEEE
122.	Signal Processing Letters, IEEE
123.	Signal Processing Magazine, IEEE
124.	Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on]
125.	Software Engineering, IEEE Transactions on
126.	Software, IEEE
127.	Solid-State Circuits, IEEE Journal of
128.	Spectrum, IEEE
129.	Systems, Man and Cybernetics, Part A, IEEE Transactions on

130.	Systems, Man and Cybernetics, Part B, IEEE Transactions on
131.	Systems, Man and Cybernetics, Part C, IEEE Transactions on
132.	Technology and Society Magazine, IEEE
133.	Ultrasonics, Ferroelectrics and Frequency Control, IEEE
134.	Vehicular Communications, IEEE Transactions on
135.	Vehicular Communications, IRE Transactions on
136.	Vehicular Communications, Transactions of the IRE Professional Group
137.	Vehicular Technology Magazine, IEEE
138.	Vehicular Technology, IEEE Transactions on
139.	Very Large Scale Integration (VLSI) Systems, IEEE Transactions on
140.	Visualization and Computer Graphics, IEEE Transactions on
141.	Wireless Communications, IEEE Transactions on
142.	Wireless Communications, IEEE [see also IEEE Personal Communications]

- All the conference proceedings of IEEE
- Standards
- Books

Also available on <http://www.ieeexplore.ieee.org>

American Society of Mechanical Engineers International (ASME) ONLINE JOURNALS  
Annexure -1b

S.No.	Title
1.	Applied Mechanics Reviews
2.	Journal of Applied Mechanics
3.	Journal of Biomechanical Engineering
4.	Journal of Computational and Nonlinear Dynamics
5.	Journal of Computing and Information Science in Engineering
6.	Journal of Dynamic Systems, Measurement, and Control
7.	Journal of Electronic Packaging
8.	Journal of Energy Resources Technology
9.	Journal of Engineering for Gas Turbines and Power
10.	Journal of Engineering Materials and Technology
11.	Journal of Fluids Engineering
12.	Journal of Fuel Cell Science and Technology
13.	Journal of Heat Transfer
14.	Journal of Manufacturing Science and Engineering
15.	Journal of Mechanical Design
16.	Journal of Offshore Mechanics and Arctic Engineering
17.	Journal of Pressure Vessel Technology
18.	Journal of Solar Energy Engineering
19.	Journal of Tribology
20.	Journal of Turbomachinery
21.	Journal of Vibration and Acoustics

American Society of Civil Engineers (ASCE) ONLINE JOURNALS  
Annexure -1c

<u>S.No.</u>	<u>Title</u>
1.	International Journal of Geomechanics
2.	Journal of Aerospace Engineering
3.	Journal of Architectural Engineering
4.	Journal of Bridge Engineering
5.	Journal of Cold Regions Engineering
6.	Journal of Composites for Construction
7.	Journal of Computing in Civil Engineering
8.	Journal of Construction Engineering and Management
9.	Journal of Energy Engineering
10.	Journal of Engineering Mechanics
11.	Journal of Environmental Engineering
12.	Journal of Geotechnical and Geoenvironmental Engineering
13.	Journal of Hydraulic Engineering
14.	Journal of Hydrologic Engineering
15.	Journal of Infrastructure Systems
16.	Journal of Irrigation and Drainage Engineering
17.	Journal of Management in Engineering
18.	Journal of Materials in Civil Engineering
19.	Journal of Performance of Constructed Facilities
20.	Journal of Professional Issues in Engineering Education and Practice
21.	Journal of Structural Engineering
22.	Journal of Surveying Engineering
23.	Journal of Transportation Engineering
24.	Journal of Urban Planning and Development
25.	Journal of Water Resources Planning and Management
26.	Journal of Waterway, Port, Coastal, and Ocean Engineering
27.	Leadership and Management in Engineering
28.	Natural Hazards Review
29.	Practice Periodical of Hazardous, Toxic, and Radioactive Waste Management
30.	Practice Periodical on Structural Design and Construction

List of Printed Magazines

1. AUTO CAR
2. AUTO INDIA
3. BUSINESS INDIA
4. BUSINESS WORLD
5. BUSINESS & MARKETING
6. CHARTERED ACCOUNTANT
7. CHARTERED FINANCIAL ANALYST
8. CHIP
9. OVER DRIVE
10. CIVIL ENGINEERING & CONSTRUCTION REVIEW

11. COMPETITION MASTER, THE
12. COMPETITION REFRESHER
13. COMPETITION SUCCESS REVIEW
14. COMPETITION WIZARD
15. COMPUTER GRAPHICS WORLD
16. DALAL STREET
17. DATA QUEST
18. DEVELOPER IQ
19. DIGIT
20. DOWN TO EARTH
21. EDN MAGAZINE
22. ELECTRONIC DESIGN
23. ELECTRONICS FOR YOU
24. ELECTRONICS TODAY
25. ELECKTOR ELECTRONICS
26. EVERYDAY PRACTICAL ELECTRONICS
27. EXPRESS COMPUTER
28. FRONT LINE
29. GENERAL KNOWLEDGE
30. GIS DEVELOPMENT
31. GIS INDIA
32. GPS WORLD
33. INDIAN CONSTRUCTION
34. INDUSTRIAL AUTOMATION
35. INDUSTRIAL ECONOMIST
36. INDUSTRIAL PRODUCTS FINDER
37. INFORMATION TECHNOLOGY
38. JUNIOR SCIENCE REFRESHER
39. BUSINESS TODAY
40. LINUX FOR YOU
41. LIVING DIGITAL
42. MANAGEMENT ACCOUNTANT
43. NETWORK COMPUTING
44. NETWORK MAGAZINE
45. OUTLOOK MONEY
46. OUTLOOK
47. PC MAGAZINE
48. PC QUEST
49. SCIENCE REPORTER
50. SEARCH
51. SPORTS STAR
52. TAMIL COMPUTER
53. VOICE & DATA
54. CAPITAL MARKET
55. EMPLOYMENT & NRI TIMES
56. ADVANCE'EDGE

57. NEWSWEEK
58. HARDNEWS
59. FORTUNE INDIA
60. BUSINESS WEEK
61. THE WEEK
62. INDIAN MANAGEMENT
63. BIOSPECTRUM
64. AV MAX
65. THE GLOBAL EDUCATOR
66. COMPETITION SCIENCE VISION
67. SCICNEC PATRON
68. ELECTRONICS MAKER
69. MANAGEMENT EDUCATION
70. TRAINING MANAGEMENT
71. EMPLOYMENT INFORMATION
72. PC WORLD
73. EVERYMAN'S SCIENCE
74. MOTORING

List of Printed Journals

S.No.	Name of the Journal
1.	INTERNATIONAL JOURNAL ON INFORMATION SCIENCES AND COMPUTING
2.	INTERNATION JOURNAL ON DESIGN AND MANUFACTURING TECHNOLOGIES
3.	INTERNATIONAL JOURNAL ON INTELLIGENT ELECTRONIC SYSTEMS
4.	INTERNATIONAL JOURNAL ON "APPLIED BIOENGINEERING"
5.	ACM JOURNAL
6.	COMPUTERS MATERIALS & CONTINUA
7.	ACM COMMUNICATIONS
8.	ACM TRANS. ON INFN.SYS. SECURITY
9.	CSI COMMUNICATIONS
10.	COMPUTER NETWORKS
11.	INTERFACES
12.	ACM TRANS. ON PROGRAMMING LANGUAGE & SYSTEMS
13.	ACM SP.INT.GRP. PROGRAMMING LANGUAGES
14.	ACM TRANS. ON MATHEMATICAL SOFTWARE
15.	SYS ADMIN
16.	ACM SPL.INT.GRP.MGT.INFN. SYSTEMS
17.	ACM TRANS. ON MULTIMEDIA COMP., COMPUTING COMMS. & APPLICATIONS
18.	CAMBRIDGE JOURNAL OF ECONOMICS
19.	ENERGY POLICY
20.	JOURNAL OF INDUSTRIAL ECONOMICS
21.	JOURNAL OF INTELLECTUAL PROPERTY RIGHTS
22.	CORPORATE AND SECURITIES LAW, THE ICFAI JOURNAL OF
23.	AMERICAN JOURNAL OF SCIENCE
24.	JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH
25.	INDIAN SCIENCE ABSTRACTS



26.	AMERICAN MATHEMATICAL MONTHLY
27.	JOURNAL OF APPLIED MATHEMATICS & COMP.
28.	QUARTERLY JOURNAL OF MATHEMATICS
29.	MATHEMATICS
30.	JOURNAL OF FOURIER ANALYSIS & APPLICATION
31.	POTENTIAL ANALYSIS
32.	CURRENT TITLES IN ELECTROCHEMISTRY
33.	INDIAN JOURNAL OF EXP. BIOLOGY
34.	BIOINFORMATICS
35.	INDIAN JOURNAL OF BIOCHEMISTRY & BIO PHYSICS
36.	INDIAN JOURNAL OF MICROBIOLOGY
37.	INDIAN DRUGS
38.	QUARTERLY JOURNAL OF MECHANICS & APP.
39.	IBM JOURNAL OF RESEARCH & DEVELOPMENT
40.	JOURNAL OF MATERIALS RESEARCH
41.	JOURNAL OF BIOMATERIALS SCIENCE
42.	MATERIALS SCIENCE & TECHNOLOGY
43.	APPLIED PHYSICS LETTERS (TIER 1)
44.	ELECTRICAL INDIA
45.	IEE REVIEW
46.	ASHRAE JOURNAL
47.	STRUCTURAL ENGINEER
48.	STRUCTURAL ENGG. & MECHANICS
49.	STEEL & COMPOSITE STRUCTURES
50.	COMPUTERS & CONCRETE
51.	INDIAN HIGHWAYS
52.	AMERICAN WATER WORKS ASSN. JOURNAL
53.	POLLUTION RESEARCH
54.	ENVIRONMENTAL POLLUTION CONTROL JOURNAL
55.	BUSINESS STRATEGY, THE ICFAI JOURNAL OF
56.	AEROSPACE SCIENCE & TECHNOLOGY
57.	IEE PROC. CONT. THEORY & APPLNS.
58.	ACCOUNTING RESEARCH, THE ICFAI JOURNAL OF
59.	JOURNAL OF BUSINESS
60.	IEEMA JOURNAL
61.	KNOWLEDGE MANAGEMENT, THE ICFAI JOURNAL OF
62.	MANAGEMENT RESEARCH, THE ICFAI JOURNAL OF
63.	APPLIED FINANCE, THE ICFAI JOURNAL OF
64.	FINANCERISK MANAGEMENT, THE ICFAI JOURNAL OF
65.	JOURNAL OF HUMAN RESOURCES
66.	ICFAI HRM REVIEW
67.	ICFAI JOURNAL OF ORGNL. BEHAVIOUR
68.	INDIAN JOURNAL OF INDUSTRIAL RELATIONS
69.	MANAGERIAL ECONOMICS, THE ICFAI JOURNAL OF
70.	INFORMATION TECHNOLOGY & MANAGEMENT
71.	INFORMATION TODAY
72.	ENTREPRENEURSHIP DEVELOPMENT, THE ICFAI JOURNAL OF
73.	PRODUCTION & OPERATIONS MANAGEMENT
74.	OPERATIONS MANAGEMENT, THE ICFAI JOURNAL OF

75.	SUPPLY CHAIN MANAGEMENT, THE ICFAI JOURNAL OF
76.	JOURNAL OF CONSUMER RESEARCH
77.	INDIAN JOURNAL OF MARKETING
78.	SERVICE MARKETING, THE ICFAI JOURNAL OF
79.	DERIVATIVES MARKETS, THE ICFAI JOURNAL OF
80.	BRAND MANAGEMENT, THE ICFAI JOURNAL OF
81.	CHEMICAL ENGINEERING
82.	JOURNAL OF CHEMICAL EDUCATION
83.	NANDHINI CHEMICAL JOURNAL
84.	PROCESS ENGINEERING
85.	ADVANCED BIOTECH
86.	INDIAN JOURNAL OF BIOTECHNOLOGY
87.	AMERICAN MACHINIST
88.	MACHINERY
89.	TURBOMACHINERY INTNL.
90.	PATON WELDING JOURNAL
91.	CONCRETE PRODUCTS

SPRINGER LINK ONLINE JOURNALS

Annexure – 2

S.No	Title	Springer Journal Code
1	Accreditation and Quality Assurance	769
2	Acta Applicandae Mathematica	10440
3	Acta Biotheoretica	10441
4	Acta Ethologica	10211
5	Acta Informatica	236
6	Acta Mathematica Sinica	10114
7	Acta Mathematicae Applicatae Sinica	10255
8	Acta Mechanica	707
9	Acta Mechanica Sinica	10409
10	Acta Mechanica Solida Sinica	10338
11	Administration and Policy in Mental Health	10488
12	Adsorption	10450
13	Advances in Computational Mathematics	10444
14	Advances in Health Sciences Education	10459
15	aequationes mathematicae	10
16	Aerobiologia	10453
17	African Archaeological Review	10437
18	AGE	11357
19	Agriculture and Human Values	10460
20	Agroforestry Systems	10457
21	AI & SOCIETY	146
22	AIDS and Behavior	10461
23	algebra universalis	12
24	Algebras and Representation Theory	10468
25	Algorithmica	453

26	Allgemeines Statistisches Archiv	10182
27	American Journal of Community Psychology	10464
28	American Journal of Dance Therapy	10465
29	Amino Acids	726
30	Analog Integrated Circuits and Signal Processing	10470
31	Analytical and Bioanalytical Chemistry	216
32	Angiogenesis	10456
33	Animal Cognition	10071
34	Annales Henri Poincaré	23
35	Annali di Matematica Pura ed Applicata	10231
36	Annals of Combinatorics	26
37	Annals of Finance	10436
38	Annals of Global Analysis and Geometry	10455
39	Annals of Mathematics and Artificial Intelligence	10472
40	Annals of Biomedical Engineering	10439
41	Annals of Operations Research	10479
42	The Annals of Regional Science	168
43	Antonie van Leeuwenhoek	10482
44	Apoptosis	10495
45	Applicable Algebra in Engineering, Communication and Computing	200
46	Applications of Mathematics	10492
47	Applied Categorical Structures	10485
48	Applied Composite Materials	10443
49	Applied Intelligence	10489
50	Applied Mathematics and Optimization	245
51	Applied Microbiology and Biotechnology	253
52	Applied Physics A	339
53	Applied Physics B	340
54	Applied Psychophysiology and Biofeedback	10484
55	Aquaculture International	10499
56	Aquatic Ecology	10452
57	Aquatic Geochemistry	10498
58	Aquatic Sciences - Research across Boundaries	27
59	Archiv der Mathematik	13
60	Archival Science	10502
61	Archive of Applied Mechanics	419
62	Archive for History of Exact Sciences	407
63	Archive for Mathematical Logic	153
64	Archive for Rational Mechanics and Analysis	205
65	Archives of Environmental Contamination and Toxicology	244
66	Archives of Microbiology	203
67	Archives of Sexual Behavior	10508
68	Archives of Toxicology	204
69	Argumentation	10503
70	Artificial Intelligence and Law	10506
71	Artificial Intelligence Review	10462
72	Artificial Life and Robotics	10015
73	Asia Pacific Journal of Management	10490

74	Asia Europe Journal	10308
75	Asia-Pacific Financial Markets	10690
76	The Astronomy and Astrophysics Review	159
77	Astrophysics and Space Science	10509
78	Atlantic Economic Journal	11293
79	Automated Software Engineering	10515
80	Autonomous Agents and Multi-Agent Systems	10458
81	Autonomous Robots	10514
82	Axiomathes	10516
83	Behavior Genetics	10519
84	Behavioral Ecology and Sociobiology	265
85	Biochemical Genetics	10528
86	BioControl	10526
87	Biodegradation	10532
88	Biodiversity & Conservation	10531
89	Biogeochemistry	10533
90	Biogerontology	10522
91	Biologia Plantarum	10535
92	Biological Cybernetics	422
93	Biological Invasions	10530
94	Biology and Fertility of Soils	374
95	Biology and Philosophy	10539
96	Biomechanics and Modeling in Mechanobiology	10237
97	Biomedical Microdevices	10544
98	Biometals	10534
99	Bioprocess and Biosystems Engineering	449
100	Bioscience Reports	10540
101	Biotechnology Letters	10529
102	BIT Numerical Mathematics	10543
103	Boundary-Layer Meteorology	10546
104	Brain Topography	10548
105	BT Technology Journal	10550
106	Bulletin of the Brazilian Mathematical Society	574
107	Bulletin of Engineering Geology and the Environment	10064
108	Bulletin of Environmental Contamination and Toxicology	128
109	Bulletin of Earthquake Engineering	10518
110	Bulletin of Volcanology	445
111	CALCOLO	10092
112	Calculus of Variations and Partial Differential Equations	526
113	Cancer Causes & Control	10552
114	Cancer and Metastasis Reviews	10555
115	Catalysis Letters	10562
116	Catalysis Surveys from Asia	10563
117	Celestial Mechanics and Dynamical Astronomy	10569
118	Cell Biology and Toxicology	10565
119	Cell and Tissue Banking	10561
120	Cellular and Molecular Life Sciences CMLS	18
121	Cellular and Molecular Neurobiology	10571
122	Cellulose	10570

123	CHEMOECOLOGY	49
124	Child and Adolescent Social Work Journal	10560
125	Child Psychiatry and Human Development	10578
126	Child and Youth Care Forum	10566
127	Children's Literature in Education	10583
128	Chromatographia	10337
129	Chromosoma	412
130	Chromosome Research	10577
131	Circuits, Systems and Signal Processing	34
132	Clean Technologies and Environmental Policy	10098
133	Climate Dynamics	382
134	Climatic Change	10584
135	Clinical Child and Family Psychology Review	10567
136	Clinical Social Work Journal	10615
137	Cluster Computing	10586
138	Cognition, Technology & Work	10111
139	Cognitive Processing	10339
140	Cognitive Therapy and Research	10608
141	Colloid and Polymer Science	396
142	Combinatorica	493
143	Communications in Mathematical Physics	220
144	Community Mental Health Journal	10597
145	Computational & Mathematical Organization Theory	10588
146	computational complexity	37
147	Computational Economics	10614
148	Computational Geosciences	10596
149	Computational Management Science	10287
150	Computational Mechanics	466
151	Computational Optimization and Applications	10589
152	Computer Supported Cooperative Work (CSCW)	10606
153	Computing	607
154	Computing and Visualization in Science	791
155	Conservation Genetics	10592
156	Constitutional Political Economy	10602
157	Constraints	10601
158	Constructive Approximation	365
159	Contemporary Family Therapy	10591
160	Continental Philosophy Review	11007
161	Continuum Mechanics and Thermodynamics	161
162	Contributions to Mineralogy and Petrology	410
163	Coral Reefs	338
164	Crime, Law and Social Change	10611
165	Criminal Law Forum	10609
166	Critical Criminology	10612
167	Culture, Medicine and Psychiatry	11013
168	Current Genetics	294
169	Current Microbiology	284
170	Cytotechnology	10616
171	Czechoslovak Journal of Physics	10582

172	Czechoslovak Mathematical Journal	10587
173	Data Mining and Knowledge Discovery	10618
174	Decisions in Economics and Finance	10203
175	Design Automation for Embedded Systems	10617
176	Designs, Codes and Cryptography	10623
177	Development Genes and Evolution	427
178	Dialectical Anthropology	10624
179	Discrete & Computational Geometry	454
180	Discrete Event Dynamic Systems	10626
181	Distributed Computing	446
182	Distributed and Parallel Databases	10619
183	Early Childhood Education Journal	10643
184	Earth, Moon, and Planets	11038
185	Eclogae Geologicae Helvetiae	15
186	Ecological Research	11284
187	Economic Change and Restructuring	10644
188	Economic Theory	199
189	Economics of Governance	10101
190	De Economist	10645
191	Ecosystems	10021
192	Ecotoxicology	10646
193	Education and Information Technologies	10639
194	Educational Psychology Review	10648
195	Educational Research for Policy and Practice	10671
196	Educational Studies in Mathematics	10649
197	Electrical Engineering	202
198	Electronic Commerce Research	10660
199	Empirica	10663
200	Empirical Economics	181
201	Empirical Software Engineering	10664
202	Employee Responsibilities and Rights Journal	10672
203	Engineering with Computers	366
204	Environment, Development and Sustainability	10668
205	Environmental Biology of Fishes	10641
206	Environmental Chemistry Letters	10311
207	Environmental and Ecological Statistics	10651
208	Environmental Fluid Mechanics	10652
209	Environmental Geochemistry and Health	10653
210	Environmental Geology	254
211	Environmental Management	267
212	Environmental Modeling & Assessment	10666
213	Environmental Monitoring and Assessment	10661
214	Environmental and Resource Economics	10640
215	Environmentalist	10669
216	Erkenntnis	10670
217	Erwerbs-Obstbau	10341
218	Ethical Theory & Moral Practice	10677
219	Ethics and Information Technology	10676
220	Euphytica	10681

221	European Biophysics Journal	249
222	European Food Research and Technology A	217
223	European Journal of Epidemiology	10654
224	European Journal of Forest Research	10342
225	European Journal of Law and Economics	10657
226	European Journal on Criminal Policy and Research	10610
227	European Journal of Plant Pathology	10658
228	European Journal of Population	10680
229	European Journal of Wildlife Research	10344
230	The European Physical Journal A - Hadrons and Nuclei	10050
231	The European Physical Journal B - Condensed Matter	10051
232	The European Physical Journal C - Particles and Fields	10052
233	The European Physical Journal D - Atoms, Molecules, Clusters and Optical Physics	10053
234	The European Physical Journal E - Soft Matter	10189
235	Evolutionary Ecology	10682
236	Experimental & Applied Acarology	10493
237	Experimental Astronomy	10686
238	Experimental Brain Research	221
239	Experimental Economics	10683
240	Experiments in Fluids	348
241	Extremes	10687
242	Extremophiles	792
243	Facies	10347
244	Familial Cancer	10689
245	Feminist Legal Studies	10691
246	Few-Body Systems	601
247	Finance and Stochastics	780
248	Fire Technology	10694
249	Fish Physiology and Biochemistry	10695
250	Flow, Turbulence and Combustion	10494
251	Formal Aspects of Computing	165
252	Formal Methods in System Design	10703
253	Forschung im Ingenieurwesen	10010
254	Foundations of Computational Mathematics	10208
255	Foundations of Chemistry	10698
256	Foundations of Physics	10701
257	Foundations of Physics Letters	10702
258	Foundations of Science	10699
259	Functional & Integrative Genomics	10142
260	Fuzzy Optimization and Decision Making	10700
261	General Relativity and Gravitation	10714
262	Genetic Programming and Evolvable Machines	10710
263	Genetic Resources and Crop Evolution	10722
264	Genetica	10709
265	The GENEVA Risk and Insurance Review	10713
266	Geoinformatica	10707
267	GeoJournal	10708
268	Geo-Marine Letters	367

269	Geometriae Dedicata	10711
270	Geometric & Functional Analysis GAFA	39
271	Geotechnical & Geological Engineering	10706
272	G.O. Geowissenschaften Online	10062
273	Gesunde Pflanzen	10343
274	Glycoconjugate Journal	10719
275	GPS Solutions	10291
276	Granular Matter	10035
277	Graphs and Combinatorics	373
278	Group Decision and Negotiation	10726
279	Grundwasser	767
280	Health Care Management Science	10729
281	Health Services & Outcomes Research Methodology	10742
282	Heat and Mass Transfer	231
283	HEC Forum	10730
284	Helgoland Marine Research	10152
285	Higher Education	10734
286	Higher-Order and Symbolic Computation	10990
287	Histochemistry and Cell Biology	418
288	Holz als Roh- und Werkstoff	107
289	Human Ecology	10745
290	Human Studies	10746
291	Husserl Studies	10743
292	Hydrobiologia	10750
293	Hydrogeology Journal	10040
294	Hyperfine Interactions	10751
295	Immunogenetics	251
296	Ichthyological Research	10228
297	Indo-Iranian Journal	10783
298	Inflammation	10753
299	Informatik - Forschung und Entwicklung	450
300	Informatik-Spektrum	287
301	Information Retrieval	10791
302	Information Systems and e-Business Management	10257
303	Information Systems Frontiers	10796
304	Information Technology and Management	10799
305	Innovations in Systems and Software Engineering	11334
306	Innovative Higher Education	10755
307	Insectes Sociaux	40
308	Instructional Science	11251
309	Integral Equations and Operator Theory	20
310	Interchange	10780
311	Intereconomics	10272
312	International Advances in Economic Research	11294
313	International Economics and Economic Policy	10368
314	The International Entrepreneurship and Management Journal	11365
315	International Environmental Agreements: Politics, Law and Economics	10784
316	The International Journal of Advanced Manufacturing Tech	170



317	International Journal of Asian Management	10276
318	International Journal of Biometeorology	484
319	International Journal of Computer Vision	11263
320	International Journal of Computers for Mathematical Learning	10758
321	International Journal on Digital Libraries	799
322	International Journal on Document Analysis and Recognition (IJ DAR)	10032
323	International Journal of Earth Sciences	531
324	International Journal for Educational and Vocational Guidance	10775
325	International Journal of Flexible Manufacturing Systems	10696
326	International Journal for Philosophy of Religion	11153
327	International Journal for the Advancement of Counselling	10447
328	International Journal for the Semiotics of Law	11196
329	International Journal of Fracture	10704
330	International Journal of Game Theory	182
331	International Journal of Health Care Finance and Economics	10754
332	International Journal of Historical Archaeology	10761
333	International Journal of Information Security (IJIS)	10207
334	International Journal of Infrared and Millimeter Waves	10762
335	International Journal of Mechanics and Materials in Design	10999
336	International Journal of Theoretical Physics	10773
337	International Journal of Thermophysics	10765
338	International Journal of Parallel Programming	10766
339	International Journal of Peptide Research and Therapeutics	10989
340	International Journal of Politics, Culture, and Society	10767
341	International Journal of Primatology	10764
342	International Journal of Science and Mathematics Education	10763
343	International Journal on Software Tools for Technology Transfer	10009
344	International Journal of Speech Technology	10772
345	International Journal of Technology and Design Education	10798
346	International Journal of Wireless Information Networks	10776
347	International Review of Education	11159
348	International Tax and Public Finance	10797
349	Inventiones mathematicae	222
350	Invertebrate Neuroscience	10158
351	Irrigation and Drainage Systems	10795
352	Irrigation Science	271
353	Jewish History	10835
354	Journal of Abnormal Child Psychology	10802
355	Journal of Academic Ethics	10805
356	Journal of Adult Development	10804
357	Journal of Agricultural and Environmental Ethics	10806
358	Journal of Algebraic Combinatorics	10801
359	Journal of Applied Electrochemistry	10800
360	Journal of Applied Phycology	10811
361	Journal of Archaeological Research	10814
362	Journal of Assisted Reproduction and Genetics	10815
363	Journal of Atmospheric Chemistry	10874
364	Journal of Autism and Developmental Disorders	10803

365	Journal of Automated Reasoning	10817
366	Journal of Behavioral Education	10864
367	Journal für Betriebswirtschaft	11301
368	Journal of Bioeconomics	10818
369	Journal of Bioenergetics and Biomembranes	10863
370	JBIC Journal of Biological Inorganic Chemistry	775
371	Journal of Biological Physics	10867
372	Journal of Biomedical Science	11373
373	Journal of Biomolecular NMR	10858
374	Journal of Business Ethics	10551
375	Journal of Business and Psychology	10869
376	Journal of Career Development	10871
377	Journal of Chemical Crystallography	10870
378	Journal of Chemical Ecology	10886
379	Journal of Child and Family Studies	10826
380	Journal of Chinese Political Science	11366
381	Journal of Classification	357
382	Journal of Clinical Immunology	10875
383	Journal of Clinical Psychology in Medical Settings	10880
384	Journal of Cluster Science	10876
385	Journal of Combinatorial Optimization	10878
386	Journal Comparative Physiology A	359
387	Journal Comparative Physiology B	360
388	Journal of Community Health	10900
389	Journal of Computational Electronics	10825
390	Journal of Computational Neuroscience	10827
391	Journal of Computer-Aided Materials Design	10820
392	Journal of Computer-Aided Molecular Design	10822
393	Journal of Consumer Policy	10603
394	Journal of Contemporary Psychotherapy	10879
395	Journal of Cross-Cultural Gerontology	10823
396	Journal of Cryptology	145
397	Journal of Cultural Economics	10824
398	Journal of Developmental and Physical Disabilities	10882
399	Journal of Dynamical and Control Systems	10883
400	Journal of Dynamics and Differential Equations	10884
401	Journal of East Asian Linguistics	10831
402	Journal of Economic Growth	10887
403	Journal of Economics	712
404	Journal of Educational Change	10833
405	Journal of Elasticity	10659
406	Journal of Electroceramics	10832
407	Journal of Electronic Testing	10836
408	Journal of Engineering Mathematics	10665
409	Journal of Ethology	10164
410	Journal of Evolution Equations	28
411	Journal of Evolutionary Economics	191
412	Journal of Family and Economic Issues	10834
413	Journal of Family Violence	10896

414	Journal of Financial Services Research	10693
415	Journal of Fluorescence	10895
416	Journal for General Philosophy of Science	10838
417	Journal of Forest Research	10310
418	Journal of Fourier Analysis and Applications	41
419	Journal of Fusion Energy	10894
420	Journal of Gambling Studies	10899
421	Journal of General Plant Pathology	10327
422	Journal of Genetic Counseling	10897
423	Journal of Geodesy	190
424	Journal of Geographical Systems	10109
425	Journal of Geometry	22
426	Journal of Global Optimization	10898
427	Journal of Grid Computing	10723
428	Journal of Happiness Studies	10902
429	Journal of Heuristics	10732
430	Journal of Housing and the Built Environment	10901
431	Journal Human Genetics	10038
432	Journal of Immigrant Health	10903
433	Journal of Inclusion Phenomena	10847
434	Journal of Indian Philosophy	10781
435	Journal of Industrial Microbiology and Biotechnology	10295
436	Journal of Industry, Competition and Trade	10842
437	Journal of Inherited Metabolic Disease	10545
438	Journal of Inorganic and Organometallic Polymers and Materials	10904
439	Journal of Insect Behavior	10905
440	Journal of Insect Conservation	10841
441	Journal of Intelligent Information Systems	10844
442	Journal of Intelligent Manufacturing	10845
443	Journal of Intelligent and Robotic Systems	10846
444	Journal of International Entrepreneurship	10843
445	Journal of Logic, Language and Information	10849
446	Journal of Low Temperature Physics	10909
447	Journal of Mammalian Evolution	10914
448	Journal of Mammary Gland Biology and Neoplasia	10911
449	Journal of Management & Governance	10997
450	Journal of Marine Science and Technology	773
451	Journal of Material Cycles and Waste Management	10163
452	Journal of Materials Science (full set)	10853
453	Journal of Materials Science: Materials in Electronics	10854
454	Journal of Materials Science: Materials in Medicine	10856
455	Journal of Mathematical Biology	285
456	Journal of Mathematical Chemistry	10910
457	Journal of Mathematical Fluid Mechanics	21
458	Journal of Mathematical Imaging and Vision	10851
459	Journal of Mathematical Modelling and Algorithms	10852
460	Journal of Mathematics Teacher Education	10857
461	Journal of Medical Humanities	10912

462	The Journal of Membrane Biology	232
463	Journal of Molecular Evolution	239
464	Journal of Molecular Histology	10735
465	Journal of Molecular Modeling	894
466	Journal of Muscle Research & Cell Motility	10974
467	Journal of Nanoparticle Research	11051
468	Journal of Network and Systems Management	10922
469	Journal of Nondestructive Evaluation	10921
470	Journal of Nonlinear Science	332
471	Journal of Nonverbal Behavior	10919
472	Journal of Occupational Rehabilitation	10926
473	Journal of Oceanography	10872
474	Journal of Archaeological Method and Theory	10816
475	The Journal of Comparative Germanic Linguistics	10828
476	Journal of Computer Science and Technology	11390
477	The Journal of Economic Inequality	10888
478	The Journal of Ethics	10892
479	Journal of Experimental Criminology	11292
480	Journal of Optimization Theory and Applications	10957
481	Journal of Rational-Emotive and Cognitive-Behavior Therapy	10942
482	The Journal of Real Estate Finance and Economics	11146
483	The Journal of Supercomputing	11227
484	The Journal of Sustainable Product Design	10970
485	The Journal of Technology Transfer	10961
486	Journal of the History of Biology	10739
487	Journal of Theoretical Probability	10959
488	The Journal of Value Inquiry	10790
489	The Journal of VLSI Signal Processing	11265
490	Journal of Optical and Fiber Communications Reports	10297
491	Journal of Ornithology	10336
492	Journal of Paleolimnology	10933
493	Journal of Personnel Evaluation in Education	11092
494	Journal of Pest Science	10340
495	Journal of Pharmacokinetics and Pharmacodynamics	10928
496	Journal of Philosophical Logic	10992
497	Journal of Plant Growth Regulation	344
498	Journal of Plant Research	10265
499	Journal of Polymer Research	10965
500	Journal of Polymers and the Environment	10924
501	Journal of Population Economics	148
502	Journal of Porous Materials	10934
503	Journal of Primary Prevention	10935
504	Journal of Productivity Analysis	11123
505	Journal of Psycholinguistic Research	10936
506	Journal of Psychopathology and Behavioral Assessment	10862
507	Journal of Quantitative Criminology	10940
508	Journal of Regulatory Economics	11149
509	Journal of Religion and Health	10943
510	Journal of Risk and Uncertainty	11166

511	Journal of Scheduling	10951
512	Journal of Science Education and Technology	10956
513	Journal of Science Teacher Education	10972
514	Journal of Scientific Computing	10915
515	Journal of Seismology	10950
516	Journal of Sol-Gel Science and Technology	10971
517	Journal of Solid State Electrochemistry	10008
518	Journal of Solution Chemistry	10953
519	Journal of Statistical Physics	10955
520	Journal of Structural and Functional Genomics	10969
521	Journal of Superconductivity	10948
522	Journal of Traumatic Stress	10960
523	Journal of Wood Science	10086
524	Journal of World Prehistory	10963
525	Journal of Youth and Adolescence	10964
526	Knowledge and Information Systems	10115
527	K-Theory	10977
528	L1-Educational Studies in Language and Literature	10674
529	Landscape and Ecological Engineering	11355
530	Landscape Ecology	10980
531	Landslides	10346
532	Language Policy	10993
533	Language Resources and Evaluation	10579
534	Law and Critique	10978
535	Law and Human Behavior	10979
536	Law and Philosophy	10982
537	Learning Environments Research	10984
538	Letters in Mathematical Physics	11005
539	Lifetime Data Analysis	10985
540	Limnology	10201
541	Linguistics and Philosophy	10988
542	Liverpool Law Review	10991
543	Machine Learning	10994
544	Machine Translation	10590
545	Machine Vision and Applications	138
546	Mammalian Genome	335
547	manuscripta mathematica	229
548	Marine Biology	227
549	Marine Biotechnology	10126
550	Marine Geophysical Researches	11001
551	Marketing Letters	11002
552	Maternal and Child Health Journal	10995
553	Mathematical Geology	11004
554	Mathematical Methods of Operations Research	186
555	Mathematical Physics, Analysis and Geometry	11040
556	Mathematical Programming	10107
557	Mathematische Annalen	208
558	Mathematische Semesterberichte	591
559	Mathematische Zeitschrift	209

560	MCSS Mathematics of Control, Signals and Systems	498
561	Meccanica	11012
562	Mechanics of Time-Dependent Materials	11043
563	Medical Microbiology Immunology	430
564	Medicine, Healthcare & Philosophy	11019
565	Mediterranean Journal of Mathematics	9
566	Mental Health Services Research	11020
567	Metabolic Brain Disease	11011
568	Metabolomics	11306
569	Metascience	11016
570	Meteorology and Atmospheric Physics	703
571	Methodology and Computing in Applied Probability	11009
572	Metrika	184
573	Microbial Ecology	248
574	Microchimica Acta	604
575	Microfluidics and Nanofluidics	10404
576	Microsystem Technologies	542
577	Milan Journal of Mathematics	32
578	Mind & Society	11299
579	Minds and Machines	11023
580	Mine Water and the Environment	10230
581	Mineralium Deposita	126
582	Mineralogy and Petrology	710
583	Minerva	11024
584	Mitigation and Adaptation Strategies for Global Change	11027
585	Mobile Networks and Applications	11036
586	Molecular Biology Reports	11033
587	Molecular Breeding	11032
588	Molecular and Cellular Biochemistry	11010
589	Molecular Diversity	11030
590	Molecular Genetics and Genomics	438
591	Monatshefte für Chemie / Chemical Monthly	706
592	Monatshefte für Mathematik	605
593	Motivation and Emotion	11031
594	Multibody System Dynamics	11044
595	Multidimensional Systems and Signal Processing	11045
596	Multimedia Systems	530
597	Multimedia Tools and Applications	11042
598	Mycopathologia	11046
599	Mycorrhiza	572
600	Mycoscience	10267
601	Natur und Recht	10357
602	Natural Computing	11047
603	Natural Hazards	11069
604	Natural Language & Linguistic Theory	11049
605	Natural Language Semantics	11050
606	Natural Resources Research	11053
607	Naturwissenschaften	114
608	Neophilologus	11061

609	NETNOMICS: Economic Research and Electronic Networking	11066
610	Networks and Spatial Economics	11067
611	Neural Computing & Applications	521
612	Neural Processing Letters	11063
613	Neurochemical Research	11064
614	Neurogenetics	10048
615	Neuropsychology Review	11065
616	New Forests	11056
617	Nonlinear Differential Equations and Applications NoDEA	30
618	Nonlinear Dynamics	11071
619	Numerical Algorithms	11075
620	Numerische Mathematik	211
621	Nutrient Cycling in Agroecosystems	10705
622	Ocean Dynamics	10236
623	Oecologia	442
624	Open Economies Review	11079
625	Open Systems & Information Dynamics	11080
626	4OR	10288
627	Optical and Quantum Electronics	11082
628	Optical Review	10043
629	Optimization and Engineering	11081
630	OR Spectrum	291
631	Order	11083
632	Origins of Life and Evolution of Biospheres	11084
633	Oxidation of Metals	11085
634	Paddy and Water Environment	10333
635	Parasitology Research	436
636	Pastoral Psychology	11089
637	Pattern Analysis and Applications (PAA)	10044
638	Personal and Ubiquitous Computing	779
639	Pflügers Archiv	424
640	Pharmaceutical Research	11095
641	Phenomenology and the Cognitive Sciences	11097
642	Philosophical Studies	11098
643	Photonic Network Communications	11107
644	Photosynthesis Research	11120
645	Photosynthetica	11099
646	Physics and Chemistry of Minerals	269
647	Physics in Perspective	16
648	Phytochemistry Reviews	11101
649	Plant Cell Reports	299
650	Plant Cell, Tissue and Organ Culture	11240
651	Plant Ecology	11258
652	Plant Foods for Human Nutrition	11130
653	Plant Growth Regulation	10725
654	Plant Molecular Biology	11103
655	Plant and Soil	11104
656	Plant Systematics and Evolution	606
657	Planta	425

658	Plasma Chemistry and Plasma Processes	11090
659	Poiesis & Praxis	10202
660	Polar Biology	300
661	Policy Sciences	11077
662	Political Behavior	11109
663	Polymer Bulletin	289
664	Population Ecology	10144
665	Population and Environment	11111
666	Population Research and Policy Review	11113
667	Portuguese Economic Journal	10258
668	Positivity	11117
669	Potential Analysis	11118
670	Precision Agriculture	11119
671	Prevention Science	11121
672	Primates	10329
673	Probability Theory and Related Fields	440
674	Prospects	11125
675	The Protein Journal	10930
676	Protoplasma	709
677	Psychological Research / Psychologische Forschung	426
678	Psychometrika	11336
679	Public Choice	11127
680	Public Organization Review	11115
681	Publications Mathématiques de l'Institut des Hautes Études Scientifiques	10240
682	pure & applied geophysics PAGEOPH	24
683	Purinergic Signalling	11302
684	Qualitative Sociology	11133
685	Quality of Life Research	11136
686	Quality and Quantity	11135
687	Quantitative Marketing and Economics	11129
688	Quantum Information Processing	11128
689	Queueing Systems	11134
690	Radiation and Environmental Biophysics	411
691	The Ramanujan Journal	11139
692	Reading and Writing	11145
693	Real-Time Systems	11241
694	Regional Environmental Change	10113
695	Reliable Computing	11155
696	Requirements Engineering	766
697	Res Publica	11158
698	Research in Engineering Design	163
699	Research in Higher Education	11162
700	Research in Science Education	11165
701	Research on Language and Computation	11168
702	Review of Economic Design	10058
703	Review of Finance	10679
704	Review of Accounting Studies	11142
705	The Review of Austrian Economics	11138



706	Review of Derivatives Research	11147
707	Review of Economics of the Household	11150
708	Review of Industrial Organization	11151
709	Review of Quantitative Finance and Accounting	11156
710	Review of World Economics	10290
711	Reviews in Environmental Science and Biotechnology	11157
712	Reviews in Fish Biology and Fisheries	11160
713	Rheologica Acta	397
714	Rock Mechanics and Rock Engineering	603
715	Russian Linguistics	11185
716	Science & Education	11191
717	Selecta Mathematica, New Series	29
718	Semigroup Forum	233
719	Set-Valued Analysis	11228
720	Sex Roles	11199
721	Sexual Abuse: A Journal of Research and Treatment	11194
722	Sexual Plant Reproduction	497
723	Sexuality and Disability	11195
724	Shock Waves	193
725	Silicon Chemistry	11201
726	Small Business Economics	11187
727	Social Choice and Welfare	355
728	Social Indicators Research	11205
729	Social Justice Research	11211
730	Social Psychology of Education	11218
731	Sociological Forum	11206
732	Soft Computing	500
733	Software Quality Journal	11219
734	Software and Systems Modeling (SoSyM)	10270
735	Solar Physics	11207
736	Somatic Cell and Molecular Genetics	11188
737	Space Science Reviews	11214
738	Spanish Economic Review	10108
739	Standort	548
740	Statistical Inference for Stochastic Processes	11203
741	Statistical Methods and Applications	10260
742	Statistics and Computing	11222
743	Stochastic Environmental Research and Risk Assessment	477
744	Structural Chemistry	11224
745	Structural and Multidisciplinary Optimization	158
746	Studia Geophysica et Geodaetica	11200
747	Studia Logica	11225
748	Studies in East European Thought	11212
749	Studies in Philosophy and Education	11217
750	Subsurface Sensing Technologies and Applications	11220
751	Surgical and Radiologic Anatomy	276
752	Surveys in Geophysics	10712
753	Synthese	11229
754	Systematic Parasitology	11230

755	Systemic Practice and Action Research	11213
756	Telecommunication Systems	11235
757	Tertiary Education and Management	11233
758	Theoretical and Applied Climatology	704
759	Theoretical and Applied Genetics	122
760	Theoretical Chemistry Accounts	214
761	Theoretical and Computational Fluid Dynamics	162
762	Theoretical Medicine and Bioethics	11017
763	Theory of Computing Systems	224
764	Theory and Decision	11238
765	Theory and Society	11186
766	Topics in Catalysis	11244
767	Topoi	11245
768	Transformation Groups	31
769	Transgenic Research	11248
770	Transition Metal Chemistry	11243
771	Transition Studies Review	11300
772	Transport in Porous Media	11242
773	Transportation	11116
774	Tree Genetics & Genomes	11295
775	Trees	468
776	Tribology Letters	11249
777	Tropical Animal Health and Production	11250
778	Universal Access in the Information Society (UAIS)	10209
779	Urban Ecosystems	11252
780	The Urban Review	11256
781	User Modeling and User-Adapted Interaction	11257
782	Vegetation History and Archaeobotany	334
783	Veterinary Research Communications	11259
784	Virtual Reality	10055
785	The Visual Computer	371
786	Visual Geosciences	10069
787	The VLDB Journal	778
788	Voluntas: International Journal of Voluntary and Nonprofit Organizations	11266
789	Water, Air, and Soil Pollution	11270
790	Water, Air, and Soil Pollution: Focus	11267
791	Water Resources Management	11269
792	Die Weltwirtschaft	10289
793	Wetlands Ecology and Management	11273
794	Wireless Networks	11276
795	Wireless Personal Communications	11277
796	Wirtschaftsdienst	10273
797	Wood Science and Technology	226
798	World Journal of Microbiology and Biotechnology	11274
799	World Wide Web	11280
800	Zeitschrift für angewandte Mathematik und Physik ZAMP	33
801	Zoomorphology	435

## ANNEXURE VI

The details of students placed in top 25 companies through campus interviews in the year (2011-2012) are in Annexure VII. Apart from this list, the students got selected in many other reputed organizations / companies.

Placement Summary 2011-12 (13.06.2012)				
Total Number of Students placed			1776	
Total number of companies			113	
Top 20 Recruiters (Based on the number of offers made)				
Sl. No	Date	Name of the Company	Company Location	# of Students Selected
1	18.09.2011	Cognizant	Chennai	586
2	22.09.2011	Wipro	Bangalore	200
3	24.09.2011	Accenture	Bangalore	131
4	28.09.2011	MindTree	Bangalore	47
5	24.01.2012	SL Lumax	Chennai	38
6	27.10.2011	iGate Patni	Bangalore	25
7	11.04.2012	WebToday	Chennai	22
8	03.04.2012	Sitronics	Chennai	21
9	27.09.2011	CapGemini	Hyderabad	20
10	20.03.2012	Royal Bank of Scotland	Chennai	19
11	20.10.2011	Cybage	Pune	18
12	03.10.2011	Mahindra Satyam	Hyderabad	17
13	13.12.2011	Wipro (VLSI)	Bangalore	17
14	08.02.2012	Omics	Hyderabad	17
15	19.03.2012	Keane	Chennai	15
16	23.03.2012	SPI Technologies	Chennai	15
17	27.03.2012	CeaseFire	Chennai	15
18	05.10.2011	Virtusa	Chennai	14
19	10.02.2012	eDac	Chennai	14
20	24.02.2012	Ku Digital India	Chennai	14
Most recent Recruiters' List				
1	27.05.09	Ozone Group	Chennai	1
2	09.04.09	KCC Paints	Chennai	3
3	07.04.09	Layam Management Solns	Chennai	2
4	06.03.09	MedResources	Chennai	3
5	31.01.09	Neyyamo	Chennai	1
6	19.12.08	Soma Enterprises	Hyderabad	0
7	13.12.08	Mahindra Finance	Chennai	0
8	12.12.08	Saipem	Chennai	1
9	12.12.08	SPA Capital	Chennai	6
10	11.12.08	Easy Solutions	Chennai	2

Summary	
# of students registered for higher studies	272
# of students registered for Placement	1868
# of students placed through our Campus Recruitment	1776
% of Placement for the year 2011-2012(As On 13.06.12)	95.72