ANNUAL QUALITY ASSURANCE REPORT

of

SATHYABAMA UNIVERSITY

FOR THE ACADEMIC YEAR 2013-14

Submitted by

INTERNAL QUALITY ASSURANCE CELL (IQAC)

SATHYABAMA UNIVERSITY

(Established under Section 3 of UGC Act, 1956)

(A Christian Minority Institution)

Old Mamallapuram Road

Chennai 600 119

Tamil Nadu, INDIA

www.sathyabamauniversity.ac.in

Name of the Institution: SATHYABAMA UNIVERSITY
Year of report : 2013 - 2014

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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

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 2013-2014

The following were the main programs planned by IQAC in its meeting held on 23rd July, 2013. 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.

➢ 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.

➢ It is planned to achieve international standards by acquiring advanced expertise in the area of teaching, training and research.

➢ It is proposed to start new UG and PG courses with the main emphasis on inter disciplinary approach, credit based system and need based modules.

➢ It is planned to endeavor and update the quality of faculty members constantly in terms of academics and research

➢ It is planned to show an upward trend in the publication of books and research papers.

➢ As a part of preparation for continuous NAAC accreditation various plans were chalked out by IQAC for implementing the activities in the time bound manner.

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. There are some areas, namely, extension and research, it has to go further to realize more meaningful outcome.

Outcome Achieved During the End of the Year 2013-2014

➢ Research activities are undertaken from leading government funding agency.

➢ Five international conferences were organized by different groups of departments.

➢ Four, biannual international journals were published and were released in respective conferences.

➢ Two Industrial visits per semester for all the students arranged by all the departments to have constant interaction with the industry

➢ Faculty development programs were conducted .Faculty underwent training programs, attended seminars / workshops for strengthening their technical skills.

➢ New UG , PG courses were imitated in various disciplines

➢ Special training programs / guest lectures and personality development programs were arranged.

➢ Placement opportunities were enhanced and students were placed in various leading organizations

➢ As a part of research and development work, faculty members have registered for Ph.D

➢ 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.

➢ NCC / NSS and blood donation camps were arranged.

Part B

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

- ❖ 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).

- ❖ 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

- ❖ An air-conditioned University Auditorium has been constructed recently with a capacity of more than 600 seats for conducting National/International Conference 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.
- ❖ Constant support is provided to the students from management and faculty to do the outstanding projects.
- ❖ 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 2013.
- ❖ 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 programmes initiated (UG & PG)

The following are the new Academic Programmes that have been introduced to enhance the career of the students in the academic year 2013-2014.

1. M.Sc Physics

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. A Scientific exhibition was held at Sathyabama University on March, 2013, best research findings of our students were exhibited (Technovation – 14).

6. Department of EIE provides new labs like Biomedical Instrumentation Laboratory, Digital Signal Processing, Instrumentation System Design Laboratory.

7. 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.

8. 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 introduced for the current batch in the academic year 2013-2014.

Sl. No	Department	Name of the Programs	Conducting Department
1	All Departments	C++, Java, J2EE.	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 III 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 – December, 2014, 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 so that computerized hall tickets can be 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/SLET.

DEPT	GRE	TOEFL	GMAT	IELTS	GATE	OTHERS
CSE	26	26	5			
IT	2	2	3			
ECE	14	12		5		5
ETCE	5	2		2		2
E&I	4				2	2
M&P						1
AERO	10	12				
CHEM	1	1				
BTE	4	3			4	
BME	7	3			4	2
CIVIL					2	
ARCH					4	1
B.Ed						3

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 from various departments attended various faculty development programmes. It is mandatory that a faculty have to undergo a minimum of two training programs per academic year.   The faculties from all the departments of the University regularly attend training programs / seminars / workshops / faculty development programs on specific subject / conferences at both national and international level organized by educational institutions, government organizations and leading multi-national companies. A knowledge transfer program will be conducted by the faculty who have attended the programs.

8. Number of Seminars & Workshops

The following table gives the details of the workshop / seminar conducted at our university during the year 2013-2014. The list of such seminars / workshops conducted is enclosed in **ANNEXURE – I.**

9. Research projects

a) Newly implemented

Apart from the ongoing projects, the following are the new research Projects approved by various Research organizations during the academic year 2013-2014. The details are given below.

S.No	Year	Name of the Project	Name of the Funding Agency	Total grant received
1	2013	Experimental and Numerical Simulations of Heat Exchange Processes in Integrated Safety Vessel with Thermal Insulation and Reactor vault IGC/RDG/MHD/THS/RC/2013/02dt 31.12.13	IGCAR	Rs.24,81,000/-
2	2014	FPGA Implementation of Hardware design for Video codec CVRDE/MMG/SPC/13-14/80, dt 03.01.14	CVRDE (DRDO)	Rs.9,88,000/-
3	2013	Effect of Ternary Addition on Ductility of Aerospace Materials-A Theoretical Approach ERIP/ER/1203078/M/01/1507 dt 30.12.13	ER IPR (DRDO)	Rs.9,45,585/-
4	2014	Preparation of Disaster Management Plan of PFBR BHAVINI/F&IS/12/2013 Dt : 06.01.2014	BHAVINI	Rs.5,50,000/-
5	2013	Evolve strategies through Hydrological Modeling of chain of tanks in Guduvanchery, Tamilnadu to increase the utilization of water NRDMS/11/1956/012/(G) dt 10-09-13	DST	Rs.5,55,800/-
6	2013	Detection of Harmful in the Environment By deploying Wireless Sensor Network NRDMS / 11/ 1978/2012 Dt:13.03.2013	DST	Rs.10,40,000/-
7	2013	Theoretical investigation on improving the hardness of novel superhard materials by doping SR/S2/CMP-0039/2012 dt 25-10-12	DST	Rs.14,51,558/-
8	2013	Effect of Green Tea polyphenol-epigallocatechin gallate on free radical and inflammation mediated cardiac dysfunction and endothelial senescence in ageing and streptozotocine induced diabetes in wistar albino rat SB/EMEQ-236/2013 dt 10-10-2013	DST	Rs.12,00,000/-
9	2013	Tunable Block Co-polymer Photonic Gels	DST	Rs.23,76,000/-
10	2014	Location based services for every day essentials	DST	Rs.20,12,400/-
11	2014	Assessment of genetic variation in Manilkara zapota (Sapota) using RAPID and ISSR markers for developing crop improvement strategie	DST	Rs.2,70,000/-
12	2014	Oral delivery and immunomodulatory effect of quercetin loaded chitosen triphosphate nanoparticles in Vibreo harveyii challenged shrimp Penaeus monodon and its immune related gene expression SERB/FT/LS-999/2013	DST	Rs. 23,00,000/-

13	2013	Nanophase modification of Fly ash concrete for enhancement of antibacterial, self - cleaning, corrosion resistance properties and durability	BRNS	Rs.20,72,850/-
14	2013	Development of Diffusion barrier coating of YSZ/Ni-YSZ on Ni-Based Superalloy by Electron Beam Evaporation for Applications in Nuclear Waste Processing.	BRNS	Rs.24,89,200/-
15	2013	Fabrication of Neuro specific nanogels for targeted drug delivery molecular imaging and analysis in APO-E-GFP Zebra fish model	DBT	Rs.35,93,800/-
16	2013	Modification of Concrete structures by Bio-Waste (cow dung) to enhance the durability and anticorrosive properties	DBT	Rs.20,34,400/-
17	2013	Studies on β-lactamase Inhibiter(s) from streptomyces sp SBRK -1 and its effect on staphylococcus aureus infected zebra fish empryos.	DBT	Rs.42,30,000/-
18	2013	Technology Business Incubator 22/2/2012-NEB (C) dt 05-07-2013	TBI	Rs.73,75,000/- Rs.2,74,89,000/-
19	2014	Antibacterial and Antioxidant properties of Chitosan/Biodegradable polymer encapsulated B-Carotene Micro/Nano particles prepared by spray drying method for improved properties of soy yoghurt	MOFPI	Rs. 66,01,633/-

b) Research Projects Completed

During the academic year 2013-2014, funded projects are ongoing only.

10. Patents generated, if any

Sl.No	Name of Patentee	Title of invention	Application No/ Date of Filing.	Patent	Date of Grant
1	Brijitta, Ramachandran Nixon Raj, Vishwanathan Gopi Saravanan, T.Sasipraba, Marie Johnson, Mariazeena Johnson,Col.Jeppiaar	UV Blocking Anti wrinkle Fabrics Using Nano particles	4189/CHE/20131 18-09-2013		
2.	Brijitta ,Ramachandran Nixon Raj,Vishwanathan Gopi Saravanan, T.Sasipraba, Marie Johnson, Mariazeena Johnson ,Col.Jeppiaar	Super hydrophobic Coatings Using Nano particles	4191/CHE/2013 18-09-2013		

S.No		Inventors	Title	Patent No. & Date		
3.		Brijitta,Ramachandran Nixon Raj, Vishwanathan Gopi Saravanan, T.Sasipraba, Marie Johnson,Mariazeena Johnson, Col.Jeppiaar	UV Blocking Non Wetting Fabric Using Nano particles	4188/CHE/2013 18-09-2013		
4.		Yadav Simon, Ashwin Peeris Grennwell Dr.S.Ramachandran T.Sasipraba, Marie Johnson Mariazeena Johnson Col.Jeppiaar	Hybrid Solar Collector	:4781/CHE/2013 23-10-2013		

11. Collaborative Research Programmes

Collaborative Research is done with the following universities and research institutes.

S.No	Name & Department	Sponsoring Agency	Nature of Training Programme	Sanctioned	Duration
1	Centre For Remote Sensing	ISRS	Monsoon Vagaries and its Impact on Ground Water status of Chennai and its Neighbouring Districts in Tamil Nadu	Rs.20,000/-	One Day August 3rd , 2013
2		DST	NRDMS Training Programme Geo Spatial Technology	Rs.10,00,000/-	21 Days Jan 22nd – Feb 11th , 2014
3	Centre for Earth& Atmospheric Science	SERB	Impact Analysis of Environment, Energy and Climate Change (IAEECC - 2013)	Rs.50,000/-	2 days Jan 24th – 25th 2014
4		DST	Entrepreneurship Development Institute of India	Rs.67,500/-	2013
5	Department of MBA	EDI	Woman Entrepreneurship Development Program	Rs.1,75,000/-	Nov 2013
6		EDI	Food Processing	Rs.1,05,000/-	Jan 2014
7		EDI	Woman Entrepreneurship Development Program	Rs.1,75,000/-	Feb 2014

12. Research grants received from various agencies

Research

S. No.	Agency	Amount Granted
1	BHAVINI	Rs. 5,50,000/-
2	BRNS	Rs. 45,62,050/-
3	CVRDE (DRDO)	Rs. 9,88,000/-
4	DBT	Rs. 98,58,200/-
5	DST	Rs. 1,12,05,758/-
6	ER IPR (DRDO)	Rs. 9,45,585/-
7	IGCAR	Rs. 24,81,000/-
8	MOFPI	Rs. 66,01,633/-
9	TBI	Rs. 73,75,000/-

13. Details of research scholars:

Refer **ANNEXURE – II** for the details of research scholars registered in our University in the last academic year 2013 -2014

14. Citation index of faculty members and impact factor:

Sl. No	Name of the Faculty	Department	Journal & Times Cited
1.	Arivazhagu, U.V., Srinivasan, S.	CSE	International Review on Computers and Software 1
2.	Swarnalatha, Y., Rajasekar, S.P.	BIO	International Journal of Pharmacy and Pharmaceutical Sciences 1
3.	Subburam, S., Sheik Abdul Khader, P.	CSE	Lecture Notes in Electrical Engineering 1
4.	Prabavathy, D., Valli Nachiyar, C.	BIO	Asian Journal of Pharmaceutical and Clinical Research 2
5.	Prabhakaran, S., Ramachandran, S.	MECH	International Review of Mechanical Engineering 2
6.	Venkatachalam, M., V., Singaravelu, G.	BIO	Spectrochimica Acta – Part A: Molecular and Biomolecular Spectroscopy 1
7.	Nisha, K.C.R., Basavaraj, T.N.	ECE	Proceedings of IEEE Intl Conf on Circuit, Power and Computing Tech., 2013 1
8.	Geetha, R., Singaravelu, G.	BIO	Cancer Nanotechnology 1
9.	Dooslin Mercy Bai, V., Krishnakumar, S.	BIO	International Journal of Pharmacy and Pharmaceutical Sciences 2
10.	Prabavathy, D., Valli Nachiyar, C.	BIO	International Journal of Pharmacy and Pharmaceutical Sciences 1
11.	Prakash,S.	MECH	Composites Part B: Engineering 1

12.	Prem Jacob, T., Ravi, T	BIO	Life Science Journal 1
13.	Ravi, C.N., Lakshmi, G.R.P.	EEE	International Journal of Engineering and Technology 1
14.	Kanimozhi, S.	MECH	Materials Research Bulletin 1
15.	Nair, S., Bhimba, B.V.	BIO	International Journal of Pharmacy and Pharmaceutical Sciences 1
16.	Usha Nandhini, S., Masilamani Selvam, M.	BIO	International Journal of Pharmacy and Pharmaceutical Sciences 1
17.	Igni Sabasti Prabu, S., Jawahar Senthil Kumar, V.	CSE	International Review on Computers and Software 1
18.	Sundareswari, M.,	PHY	AIP Conference Proceedings 1
19.	Valarmathi, T.N.,	MECH	Advanced Materials Research 1
20.	Jeevitha, D., Amarnath, K	CHEMICAL	Colloids and Surfaces B: Biointerfaces 3

15. Honors and Awards to Faculty:

The University gives best teacher awards for the faculties who have excelled in their teaching and honors them with a Cash award & Memento. The awardees for the period June 2013 to May2014 are given as follows.

Sl.No	Staff Name	Department	Details of Honor / Award	Remarks
1	Dr. Jerrine Joseph	Centre for Drug Discovery	ICMR post doctoral fellowship 2011-2013 (UK)	
2	Dr. Jerrine Joseph	Centre for Nanoscience & Nano Tech	Four Best paper awards at Oxford Instruments Plasma Technology SEM Micrograph Competition held in UK in 2014	
3	Mr. K. Vasanth	EEE	Intel conf on circuits, power, communication tech-2013	Best Paper Award
4	Mr.V.Vedanarayanan	ETCE	Intl Conf on Circuits, Power and Computing Tech-2013	Best Paper Award
5	Mr. T Sudhakar	BTE	National Conference	Best Paper Award
6	Dr. D. Alex Anand	BTE	International Conference	Best Paper Award
7	Dr. A.Annam Renita	CHEMICAL	Included in Marquis Who is Who in the world 2014 edition.	
8	Mr.M.Arul Jayan	CHEMICAL	Best Lecture Award in 2013 for the Lecture "Plastic waste management" Indian Institution of Engineers, IIE-Trichy division.	

16. Internal Resources Generated:

The resources generated by our staff members in various departments for the period June 2013 to May 2014 are given as follows.

Sl. No	Dept.	Internal Resources Generated	Name of the Faculty	Remarks
1	Centre For Remote Sensing	Rs.20,000/-	Dept.	ISRS
2	Centre For Remote Sensing	Rs.10,00,000/-	Dept.	DST
3	Centre for Earth & Atmospheric Science	Rs.50,000/-	Dept.	SERB
4	Chemistry	Rs.50,000/-	Dept.	SERB
5	MBA	Rs. 20, 000/-	Dept.	MSME
6	MBA	Rs.67,500/-	Dept.	DST
7	MBA	Rs.1,75,000/-	Dept.	EDI
8	MBA	Rs.1,05,000/-	Dept.	EDI
9	MBA	Rs.1,75,000/-	Dept.	EDI

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

Sl. No	Year	Name of the Project	Name of the Funding Agency	Total grand received
1	2013	Technology Business Incubator 22/2/2012-NEB (C) dt 05-07-2013	TBI	DST:Rs.73,75,000/- Univ:Rs.2,74,89,000/
2	2013	Fabrication of Neuro specific nanogels for targeted drug delivery molecular imaging and analysis in APO-E-GFP Zebra fish model	DST	Rs.35,93,800/-
3	2013	Modification of Concrete structures by Bio-Waste (cow dung) to enhance the durability and anticorrosive properties		Rs.20,34,400/-
4	2013	Studies on β-lactamase Inhibiter(s) from streptomyces sp SBRK -1 and its effect on staphylococcus aureus infected zebra fish embryo.		Rs.42,30,000/-
5	2013	Transmission Electron Microscopy of Compositionally Graded Coatings of YSZ/Ni-YSZ on Ni Base Superalloy for Nuclear Waste Vitrification Components	UGC-DAE CSR	Rs. 11,00,000/-

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 continues 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 thulakanathaman 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 pays 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.

11. Seminar on First aid :

Commanding Officer	Com. Raghu Paethasarathy
Associate NCC Officer	Lt.Cdr. A.Joseph Arul Pragasam
Cadet Captain	CC Rohit Mannadiyar
2nd Year Boys	07
2nd Year Girls	04

1st Year Boys	22	Boys - 29	
1st Year Girls	09	Girls - 13	Total = 42

Sl. No	NCC Activities	Organized by	Date	Place	NCC Strength
1.	NCC Parade	4(TN) Naval Tech Unit	All Tuesdays	Sathyabama University	ANO + All Cadets
2.	Naval Technical Attachment Camp -2013	4(TN) Naval Tech Unit	08/06/13 to 21/06/13	INS SHIVAJI, Naval Engg School,Lonawala	8 Cadets
3.	Anti Dowry Pledge	Sathyabama University	10/08/13	Sathyabama University	ANO + All Cadets
4.	Ship Modeling	4(TN) Naval Tech Unit	13/08/13	Anna University	ANO + All Cadets
5.	Rifle Training	4(TN) Naval Tech Unit	14/08/13	Anna University	ANO + All Cadets
6.	Costal Cleaning Motto: Save Coastal Bio-Diversity	NCC Directorate (TN,P&AN)	21/09/13	ECR Beach near VGP	All Cadets
7.	Tree Plantation	Sathyabama University	22/09/13	Sathyabama University	ANO + All Cadets
8.	Annual Training Camp-2013	4(TN) Naval Tech Unit	22/12/2013 to 31/12/2013	Sathyabama University	ANO + 36 Cadets
9.	Swimming	4(TN) Naval Tech Unit	06/02/13	Anna Swimming Pool, Marina Beach	ANO + All Cadets
10.	"C" Certificate Exam appeared	NCC Directorate (TN,P&AN)	23/02/13 24/02/13	---	11 Cadets

4(TN) Naval Technical Unit NCC

National cadet corps (NCC) Naval wing 5th 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 (3rd year Boys – 3, 2nd year Boys – 13, 1st year Boys – 20 and 1st 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 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 organize an Adventure actives 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 2012.

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 Carries, 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 2013:

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.

NCC Officer and 12 of our cadets have attended a Naval Technical Attachment Camp at **INS SHIVAJI,** Naval Engineering School, Lonawala, **INS VALSURA,** Jamnagar and **INS ANGRE**, Naval Dockyard, Mumbai from 29/05/08 to 14/06/08. This was an opportunity for our cadets to realize the Technical prospects in the Navy. Also they got an opportunity to visit the Naval Ships and Submarines. Our cadet secured very good position in various competitions.

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:

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.

12. Combined Annual Training Camp-2012:

Our cadets have participated in the Combined Annual Training Camp-2012 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.

Future NCC Activities planned for the period January to May 2013:

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 2013:

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 2013:

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-2013** at INS Valsara, Jam Nagar and ND Vizag, this will be organized by 4 (TN) Naval Technical Unit NCC.

4. To organize an Adventure actives 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 2013.

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 Carries, 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.

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 number of faculty members who have been recruited into this institution as per the various departments during the period of June 2013 to May 2014 are tabulated below:

S.No.	DEPARTMENT	No. of recruitments	
		Teaching Faculty	Non – Teaching Faculty
1.	CSE	8	
2.	EEE	10	
3.	ETCE	6	
4.	ECE	12	
5.	E&I	5	
6.	AERO	1	
7.	CIVIL	6	
8.	CHEM	3	
9.	MECH	8	
10.	MECH & PRO	3	
11.	AUTO	8	
12.	PHYSICS	4	
13.	CHEMISTRY	1	
14.	MATHS	6	
15.	B.ARCH	12	
16.	B.ED	1	
17.	ENGLISH	1	

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:

The updations made in the Main Library and the Department Libraries from June 2013 to May 2014 are as follows:

Main Library:

Total No. of Books	:	7593
Total No. of Titles	:	2699
Total No. of Magazines	:	104
Total No. of Journals	:	120
Total No. of e-books	:	1200

Total cost of existing books : Rs. 26309367.72

Digital Library and Online Access :

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

Institutional Membership :

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

The Central library book / journal details are given in **ANNEXURE - III**

22. New books/ Journals subscribed and their value:

The list of the total number of books and journals subscribed by the institution for the different departments are charted below.

Sl. No.	DEPARTMENT	No. of Subscription
		Books / Journals & value (Rs.)
1.	IT	Title - 20 Volumes - 670 Value - 9.5 lakhs
2.	CSE	Titles - 375 volumes - 2600 Value - Rs 5,65,750
3.	EEE	Number of copies - 6284 Total cost - Rs, 17, 86,747.00
4.	ETCE	Number of books - 872 Total cost - Rs, 3, 50,000
5.	ECE	Total cost - Rs 4.3 Lakhs
6.	E&I	Titles - 15 volumes - 398 Value - Rs 80,642
7.	E&C	Titles - 020 volumes - 1932 Value - Rs 4,64,926
8.	CIVIL	No. of Books - 200
9.	CHEM	No. of Books - 879 Total Cost - 2,02.055/- International Journal – 1 National Journal - 3 Total Cost - Rs.799.00
10.	MECH&PROD	Titles - 498 Total No. of Books - 5420 Value - Rs 9,55,550
11.	BIO-TECH	Total Cost - Rs. 6,00,000/-
12.	BIO-INFO	Total Cost - Rs.2,50,000
13.	MBA	Titles - 63 Total No. of Books - 4322 Value - Rs 9,43,195.00
14.	MCA	Total Cost - Rs.2,00,000
15.	VISCOM	Total Cost - Rs.14,000
16.	B.ARCH	No. of Books - 28 No. of Journals - 15 No. of Thesis - 60

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	Based on the feedback from the student for all the subjects, corrective measures have been taken.
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.
BIO INFORMATICS	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. 70,000.

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 placed 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 plan to introduced 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 infrastructural facilities:

The Departments are updated by introducing new labs and providing more room for betterments. The advancements by the various departments are listed below.

S.No.	DEPARTMENT	Infrastructural Improvements
1.	Central Library	• Existing Central library is reconstructed with 2 floors with a square feet of 1.5 lakhs • Auditorium (200 Seating Capacity) • A fully equipped Digital Library is installed with 150 computers (N-Computing facility) • Wi-Fi access

2.	Advisory Bureau	▪ Central Library hosts centre for Advisory Bureau
3.	Placement Cell	▪ Placement office is renovated with ▪ Auditorium – 350 Seating Capacity ▪ HR Cabins – 10 ▪ Conference Halls – 1 ▪ Smart Class Rooms – 8 (60 Seating Capacity-Each) ▪ Dining Hall
4.	Nano Technology	▪ New Lab have been setup in International Research center ▪ Auditorium – 200 Seating Capacity
5.	GENERAL	▪ A new block for class rooms have been constructed ▪ Two new auditorium has been constructed with better sophistications
6.	IT	▪ All the old machines have been replaced with new Core i3 Processors, 2GB RAM, 500 GB HDD, 17" LCD Monitors ▪ No. of Computers – 120.
7.	B.Arch	▪ New Architecture labs have been constructed with an area of 2400 square feet

27. Technology Upgradation:

The University constantly upgrades the technology in various fields of Engineering. The following software updation has been carried out in various departments during the period (June 2013 – June 2014).

PSIM
PLC and SCADA
C.F.D. (Computational Fluid Dynamics) software.
SPSS & TALLY
Lab View Software
Distributed control systems
Fluent – analysis software(Proposed)

New University portal launched

University portal launched in Android market.

In Mechanical & Production department new lathes (11 in Number) are installed in Central workshop and the obsolete lathes are removed from the lab. System configuration and Internet facility is upgraded in CAD laboratory.

In Chemical Department, new courses like Computer aided Design, Drawing, Process modeling and Simulation, and Computer aided Design, Drawing and Disaster Management have been introduced in the postgraduate level to upgrade the students technical education.

In the Department of Bio-info, Molecular Modeling paper and the laboratory pertaining to it has been upgraded with new software and usage licenses.

28. Computer and Internet access and training to teachers and students

All departments have computers and Internet access facilities. The faculty members are using computers and access Internet in their own departments. Staff and students can access online journals in their respective departments and central library. Students can also make use of computer labs after university working hours. Both ladies and gents hostel are provided with separate computer lab with Internet access facility and monitoring staff.

Training to staff and students:

The University sponsors a minimum of two staff from each department in each semester for attending seminars / workshops programmed by other universities or colleges. Training on Service Oriented Architecture , J2EE, CRM on demand, Intel twice digital etc, are given by Leading IT companies like CTS, Infosys, Oracle, Intel etc.,

Information Technology have organized two days workshop for the benefit of of all branches of students on ethical hacking during March 2014. Information Technology have organized one day workshop for CSE/IT/MCA students on Mobile Application Development programs using Android and IoS. In ETCE Department Real time project oriented training and guidance in VLSI and embedded system is given by Saisashai and Dr.S.Suresh gave training on network simulators to all faculty. In MECH department C.F.D software training was provided to Dr.S.Ramachandran , Mr. A.Karthikeyan, Mr. S.P.Venkatesan, Mr. Anderson and Mr. G. Senthilkumar. The purpose of the software is to design the pipe with fluid flows.

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, 1200 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 the alumni association

1. Alumni's meeting is organized once in a year. In this year it was held on January 2014.
2. Feedback and suggestion regarding the University, Curriculum, books, regulations, placements, bus and mess are collected from the alumni.
3. Feedback about the industrial needs and trends are also collected which will be very helpful for updating the syllabus.
4. Alumni are also called for giving guidance to placement and higher studies to the students.
5. A website for alumni is hosted to share the placement and career information.
6. Alumni students are also helping the department by giving Guest lectures, personality development programmes, conducting mock interviews, arranging industrial visits, arranging resource persons etc.,

Some of the activities carried out in various department using alumni are as follows:
1. To attend the technical interview, core papers to be studies, references, HR interview requirements, dress code and presentation skills were discussed.
2. Formulation of Course curriculum with the help of senior most alumni's who are employed in various multi-national companies not lower the grade of Project Manager.

31. Activities and support from the Parents Teachers Association:

Parent's teachers association is conducted by all the departments once in a semester. The aspects related to academic, co curricular, transports, mess and hostel were discussed. From all departments the feedback on PTA is collected and necessary actions are carried out.

Parents of the students with poor academics are called in person and the students are counseled in their presence. The parents were also informed of their ward's marks, attendance and cash award in case of toppers. Parents are also providing support for arranging industrial visits, inplant training and guest lectures.Parents of Surya Rajkumar and Naresh Krishna from III year IT referred for industrial visit at Madurai and was funded by our university.

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 sport activities

The students of our University have excelled themselves to participate in different sports and games at inter colligate level organized by different governmental and non-governmental organizations throughout India during June 2013- May 2014. Their achievements and records during the academic year 2013-2014 are listed in **ANNEXURE - IV**.

34. Incentives to outstanding sport 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

35. Students achievements and awards

The University awards the top 5 students who excelled in academics with merit certificate and cash prize of Rs.500 each semester to motivate them. The University also organizes achiever's day for the students who have been placed. The department also continuously encourages the students to participate in various seminars, symposiums and conferences to get updated with the recent technologies available. Moreover, the students are encouraged to participate in different intercollegiate level competitions and improve their stuffs in both curricular and extracurricular activities. The students are permitted to exhibit their project work in various national and international project competitions. The Post graduate students are encouraged to publish their research work in the peer reviewed and indexed journals.

The details of student's achievements/awards in different competitions and their participations in conferences, seminars, symposia and workshops are given in **ANNEXURE – V.**

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** and civil services examination like **IAS, IPS** and **IFS.**

JAPANESE language classes – "First Level" are conducted for First year CSE and IT students. A total of 70 students attended in two batches. 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.

List of seminars conducted during this academic year from June 2013 onwards:

Sl. No	Course / Seminar	Duration	Fees	Resource Person
1	French	3 Months	NIL	NA
2	CAT 2013	200 Hrs	Rs. 20000	NA
3	GATE 2013	350 Hrs	Rs. 22000	NA
4	GRE / TOEFL / Admission Procedures in US Universities	27th June 2013	Nil	Mr. Gopinath Jamboree Education Private Ltd., Chennai
5	Ice breaking session on GATE 2014	9th July, 2013	Nil	Director, GATEFORUM, India
6	Japanese Language	80 Hrs	Rs. 4000	NA
7	Ice breaking session on HIGHER STUDIES ABROAD	29th August, 2013	Nil	Mr. Gigeo Sakkaryas, Director, IMTP Overseas Educational Consultants
8	Vedic Mathematics	February 2014	Nil	Dr.V.J.K.Kishor Sonti ECE, Sathyabama University

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. Incase 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 1427 students have been already placed in this academic year (2012 – 2013) as on 07.11.2013.

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

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

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

- TVS Motors
- US Technologies
- V A Tech
- VirtUSA
- Way2Wealth
- Wipro Technologies
- Wipro Spectramind
- Xansa Technologies

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 os placement orders, by insisting them to do some course in their organization by paying money.

> **PLACEMENT 2012 – 2013**
>
> **Total No. of students placed: 1427**

> **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	24.06.2013	BE/B.Tech -CSE,IT,ECE,ETCE,EIE,EnC, AERO,AUTO,MECH,BTE	Stride Training Programme	Spoken English & BEC Certification
2	24.06.2013	BE/B.Bech-EEE,ETCE,EnC,EIE,CIVIL,MECH	FACE TRAINING PROGRAMME	Spoken English & BEC Certification
3	25.06.2013	BE/B.Bech- CSE,IT ,ECE,,MnP,AUTO,AERO,BTE,BME,CHEM	Stride Training Programme	Spoken English & BEC Certification
4	25.06.2013	BE/B.Bech-EEE,ETCE,EnC,EIE,CIVIL,MECH	FACE TRAINING PROGRAMME	Spoken English & BEC Certification
5	26.06.2013	BE/B.Bech- CSE,IT ,ECE,,MnP,AUTO,AERO,BTE,BME,CHEM	Stride Training Programme	Spoken English & BEC Certification
6	26.06.2013	BE/B.Bech-EEE,ETCE,EnC,EIE,CIVIL,MECH	FACE TRAINING PROGRAMME	Spoken English & BEC Certification
7	27.06.2013	BE/B.Bech- CSE,IT ,ECE,,MnP,AUTO,AERO,BTE,BME,CHEM	Stride Training Programme	Spoken English & BEC Certification
8	27.06.2013	BE/B.Bech-EEE,ETCE,EnC,EIE,CIVIL,MECH	FACE TRAINING PROGRAMME	Spoken English & BEC Certification
9	28.06.2013	BE/B.Bech- CSE,IT ,ECE,,MnP,AUTO,AERO,BTE,BME,CHEM	Stride Training Programme	Spoken English & BEC Certification
10	28.06.2013	BE/B.Bech-EEE,ETCE,EnC,EIE,CIVIL,MECH	FACE TRAINING PROGRAMME	Spoken English & BEC Certification
11	29.06.2013	BE/B.Bech- CSE,IT ,ECE,,MnP,AUTO,AERO,BTE,BME,CHEM	Stride Training Programme	Spoken English & BEC Certification
12	29.06.2013	BE/B.Bech-EEE,ETCE,EnC,EIE,CIVIL,MECH	FACE TRAINING PROGRAMME	Spoken English & BEC Certification
13	01.07.2013 to 26.7.2013	BE/B.Tech- Students	English Dept - Sathyabama University	Weak in Communication Skill Students
14	31.08.2013	ME/M.Tech and MCA(Except ME -CSE students) Students	Alumni	MocK Interview
15	01.09.2013	BE/B.Tech,ME-CSE,IT,EnC , ETC and ECE,	Alumni	MocK Interview
16	01.09.2013	ME/M.Tech CSE,IT,ECE ,ETCE,EnC &ME-CSE	Alumni	ONLINE TEST& Mock Interview
17	03.09.2013 to08.09.2013	All BE/B.Tech ,ME/M.Tech Students	C-CAT, Innovative	Online & SSD Classes
18	09.09.2013 to 5.09.2013	All BE/B.Tech ,ME/M.Tech and MBA Students	University Staff	CSAC, AT & SSD
19	16.09.2013 to 0.09.2013	All BE/B.Tech ,ME/M.Tech Students Group	University Staff	AT,CSAC ,AT
20	21.09.2013	All BE/ B.Tech Students	Alumni	Mock Interview

OTHER TRAINING ACTIVITIES :

▲ **Performance Achievement Complimenting Training (PACT)** used to be conducted for the topers 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, and 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 & II 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 (2012 – 2013) are in Annexure -VI. Apart from this list, the students got selected in many other reputed organizations / companies.

38. Development programs conducted for Non – Teaching Staffs:

- Workshops has been conducted for technical staffs

- Promoting the non –teaching staffs to do their technical degree courses in various universities

- The technical Staffs are asked to attend Communication classes.

- Arrangements are made to give special training in their field of specialization.

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:

- o The Aeronautical Society of India
- o IIT Kanpur
- o Ministry of Human Resource and Development (MHRD)
- o Hindustan Aero Nautical Limited (HAL).
- o 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, 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)
- Institue 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:

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.

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.

ACADEMICS:

- Department staff members are involved in certificate course programme Organized by University.
- Department staff members are involved in Infosys Training programme
- Conducted MATHMIND – 2014 for all B.E / B.Tech Students on April 9th and 10th 2014.
- Organized III ELTAI international Conference with ELTAI, RELO, British Council on Learning to Teach: A Life Long Journey, between 8th – 10th 2014.

"TECHNOVATION 2014": A Mega Project Exhibition:

Our University has organized a mega project exhibition **"TECHNOVATION 2014"** from 17th April to 19th 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. The Project exhibition was also visited by 3000 School students from the schools in and around Chennai.

TAMIL MANDRAM ACTIVITIES

Sathyabama University, Tamil Mandaram every year conducts a Tamil Debate for our University Students on the eve of Dr.M.G.R's Birthday, to identify and to appreciate the student's talent in the regional language. The best speaker in each group is certificated and a cash prize of Rs.1000/-.

FEMFEST ' 14

SATHAYBAMA UNIVERSITY   had its greatest privilege and pleasure to celebrate this golden festival, FEMFEST'14 from 21 – 22 OF FEB 2014. It was University carnival conducted "FOR THE GIRLS, BY THE GIRLS". It was celebrated on the grand occasion of THE WOMEN'S DAY. Around 25 colleges in and around the city had participated and have won wonderful prizes worth Rs.5 lakhs. 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 judges were present for every event from various fields to precede over. There was some of the mind blowing special performances which kindled the crowd's heart. Thus the festival ended up giving an immense pleasure for the girls and great satisfaction for the management.

Brainiac 2014

BRAINIAC 2014, a mind blowing quiz competition for school students was conducted on Friday, February 7, 2014 by Sathyabama University. It was a trilogy event. Around forty two schools from Chennai and Puducherry participated in this mega event. More than 450 enthusiastic students eagerly took part in all the events. Apart from Quiz, the

other events like Essay writing, Elocution, Gaming and Drawing were also organized. In this edition of Brainiac, Dr Sumanth C Raman, a senior quiz master, having conducted over 1000 Quiz shows over the last 2 decades hosted the Quiz Program. Dr Sumanth's BSNL Sports Quiz is in the Limca Book of Records for being the longest running weekly quiz show on Indian Television. For each competition, winners received a cash prize of Rs. 5000, Rs. 3000 and Rs. 2000 for First, Second and Third position respectively. For the quiz event, the Winners received a cash prize of Rs. 25000, Rs. 15000 for the first runner up and Rs. 10,000 for the second runner up were also awarded. The event was organized by the Faculty of Computing, Sathyabama University. A Rolling Trophy was given to the Sri Sankara Vidyala Matriculation Higher Secondary School, Pondicherry.

Part C

The plans of the University for the academic year 2013-2014:

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 planned to have increased intake for the core branches.

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.
  .

Administration

- It has been planned to decentralize Arts, Science and Engineering branches for effective administration.

- 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 realesed in respective International Conferenes 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.

Extracurricular activities

- 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 programms in variety of areas, the University has plans to establish Centers of Excellence in various emerging fields.

ANNEXURE – I

Seminars & Workshops organized by the University Departments

SL. NO.	DEPT.	SEMINAR / WORKSHOP	DATES	NAME OF THE GUEST FACULTY/ORGANISATION
1	AERO	Modern Technology in Maintenance of Heavy Aircraft	27th Jan 2014	Wg.Cdr. Manoharan., Quality Engineer, Blue Dart Aviation
2		Modern Technology On Design & Maintenance Of Helicopters	23rd Jan2014	Brigadier V.S Saini Officer Training Academy
3		Development in the Design of Helicopter	29th Jan 2014	Gp.Cpt.Sambasivarao
4		Design and Development UAV	2nd to 5th Dec 13 6th to 9th Dec13	Mr.Santhosh Unmanned Engineeria
5		Supersonic Airflow in Wind tunnel	7th Feb 2014.	Prof. Kanagarajan Chairman,Ae.S.I
6	BIN	Seminar Cum Training Program On "Cheminformatics Tools For Drug Discovery"	Jun. 12, 2013	ChemAxon,
7	BTE	National Seminar Cum Workshop Was Conducted By The Department Of Biotechnology In Basic Cell Culture Techniques In Animal Biotechnology	24,25th April, 2013	Dr.Parthiban,Prof & Head,
8		Faculty Development Programme Was Conducted By The Department Of Bioengineering On Molecular Techniques	10 – 12 June, 2013	Dr. Ghoshi, Malaysia
9	BME	Impact Of Climate Change On Food, Energy And Environment "	04- 06-July 2013	Dr. MayaThangavelu
10	CHEM	Safety In Chemical Industries.	22nd August 2013	Sri.G.Krishnan chairman, IICHE-CRC Shri. Prof. Asit Mandal, Director, CLRI Mr.Rohitdwivedi, Asst. Manager, Nalco Water India Limited, Mr. Vemulapalli Srinivas, CISRA, CLRI, Mr. Sivarajan, Scientist, CLRI, Dr. G S Venkatarathnam Scientist, CLRI, Dr.Balasubramanian, HOD, Chemical Eng, A C tech, Mr.B V Ramabrahmam, Head,Chem Eng Dep,CLRI
11		Emerging Interdisciplinary Trends In Chemical Technology 2014	13th – 14th Mar 2014	Dr.Ramabrahmam , Head & Senior Principal Scientist ,CLRI

12	CSE	National Level Workshop On Image Processing And Its Applications	Jan 8th – 10th 2014	
13	E&C	Emerging Trends In Networking Automation And Control Tech	3rd &4th Oct 2013	
14		FTP On Lab View For Biomedical Applications	Oct 1st and 2nd 2013	
15	E&I	New Avenues In Sensor &Automation(NASA'13)	6th&7th May,2013	
16	ECE	Video Coding Standards In Image Processing	08.10.2013	Mr. J. Manikandan
17		Applications Of Communication Enabled Systems	10.09.2013	Mr. G. Kannadasan
18		Recent Developments In Wireless Information Technology	13.08.2013	Mr. P. Suresh
19		Testing Methodologies In VLSI Circuits	03.07.2013	Mr.C.Ravi Tej
20		Embedded Systems For Industrial Applications	07.06.2013	Mr.Swaminathan, Director, Vikasa Electronics, Chennai
21		Summer Camp Titled "Matlab And VHDL Programming For Image Processing	2.5.2013 to 4.5.2013	
22	EEE	Entrepreneurship Skill Development Program On "House Wiring"	Nov to Dec, 2013 6 WKS	
23		Faculty Development Programme On Electrical Drives And Control Application Intelligence Techniques	14th Aug 2013	
24		Two Day Refresher Course On "Design And Simulation Of Circuits And Devices Using Orcad"	6th – 7th Mar2014	
25	ENGLISH	Workshop On Paraphrasing And Preventing Plagiarism	July 2013	
26	ETCE	Current Academic Revolution In Communication & Networking (CARCN-2014)	06. 03.14 & 07.03.14	Dr.Selvarajan, Associate Prof, IIT – Kanjeepuram
27		COMSOL Multiphysics Modelling Workshop	12.07.2013	Mr.Ramesh, Software Engineer, Comsol Ltd.
28		Current Academic Research In Communication & Networking (CARCN-2013)	05.-06.04.'13	Dr. Chakravarthi IETE Chairman, Madras Dr. Sathiyamurthy, Former Addl. Dir., CVRDE
29	IT	National Network Security Championship (NNSC)	13th & 14th Nov 2013	
30		Performance Methodologies And Tools For Wireless Sensor Networks	21st & 22nd Nov 2013	Ms.Vaidagi, MIT -Chennai
31		CCNA Winter Training Program 2013 – 2014	12th to 18th Dec 2013	
32		Ethical Hacking and Cyber Security	19th & 20th MAR 2014	Experts from Hacking Teacher
33	MGMT STUDIES	Food Processing	29 Jan to 4 Mar 2014	Dr.Deivanayaki. Joint Director, EDI

34		Women Entrepreneurship Development Program	27 Jan to 28 Feb 2014	
35		Entrepreneurship Skill Development Program On "House Wiring"	10 Jan to 14 Feb 2013	Dr. Paneer selvam, Additional Director
36		Art Of Investing In Stock Markets	13th Dec, 2013	Mr. Nagappan, Director Madras Stock Exchange
37		Women Entrepreneurship Development Program	14 Nov to 12 Dec 2013	Dr. Jeyachandran, Additional Director EDI
38		Entrepreneurship Skill Development Program On "Bio Technology"	25 Oct to 5 Dec, 2013	Dr. Baskaran, Joint Director EDI
39		Entrepreneurship Skill Development Program On "House Wiring"	25 Oct to 5 Dec, 2013	Mr. SubbuRaj, Additional Director, MSME
40		Intellectual Property Rights (IPR)	4th July 2013	Mr. O. Prasad Roa, Assistant Controller of Patents and Designs, IPR, Government of India
41		Aspiration Civil Service	June 26th 2013	Mr. T.K. Ramachandran IAS., Commissioner, Milk Product & Diary Dvlpmt, Managing Director, Aavin
42		Entrepreneurship Awareness Camp	April , 2013 Three days	Mr. Devaraju. DGM, Canara Bank
43	MECH & PROD	National Seminar On Modern Manufacturing System	22 Jan 2014	Research Scholars, Academicians, students
44		Path Breaking Practices Of Six Sigma, Lean And Project Management	08-03-2014	Scientific officers of IGCAR,
45	VISCOM	LEGEND	12/09/2013	Mr.Anand Patwardhan
46	Ocean Research	Training Programme On Mushroom Cultivation For Women Self Help Group	5-7, Feb 2014	
47	Drug Discovery Devp.	TB Awareness Program	24th March 2014	
48		TR7- Training Program On Synthesis And Characterization Techniques	12th to 13th April, 2013	
49		TR8- Training Program On Synthesis And Characterization Techniques	2nd to 5th May, 2013	
50		TR9- Training Program On Synthesis And Characterization Techniques	19th to 20th July, 2013	
51	Nano Tech.	TR10- Training Program On Synthesis And Characterization Techniques	16th to 17th Aug, 2013.	
52		TR12- Training Program On Synthesis And Characterization Techniques	25th to 26th Oct, 2013.	
53		TR14- Training Program On Synthesis And Characterization Techniques	13th to 14th Dec, 2013	
54		TR13- Training Program On Synthesis And Characterization Techniques	22nd to 23rd Nov, 2013.	
		TR7- Training Program On Synthesis And Characterization Techniques	12th to 13th April, 2013	

ANNEXURE – II

Details of Research scholars in Sathyabama University

Sl. No	Research Scholar	Faculty	Research Title
1.	V.Vinoth	CSE	Handoff for Real-Time Traffic in 4g Networks
2.	Sathish	CSE	Automated Geographic Content Analysis for Crisis Management
3.	Sethuraman R	CSE	Effective Semantic Web Service Composition Framework Based on QoS
4.	Yovan Felix A	CSE	Intelligent Decision Support System for Emergency manages
5.	Dhamodaran.S	IT	A Study of Data mining Approaches for Spatial Temporal Datasets
6.	Balamurugan.A	EEE	Multiphase induction motor fault diagnostics using soft computing techniques
7.	Bharathi.K	EEE	Power Flow Analysis of Unified Power Flow Controller with Multi Level Inverter for Transient Stability
8.	Durai Babu.B	EEE	Implementation of dynamic voltage restorer based on space vector modulation for Z-Source inverter
9.	Latha.R	EEE	Transformer less split inductor Z-Source multilevel inverter for cost effective grid connected PV system
10.	Kalaiyarasi.D	EEE	A novel algorithm for design and implementation of FIR filter
11.	Balabharathi.B	EEE	Dual indirect matrix converters based stand alone wind energy conversion systems.
12.	Praveen.M	EEE	Capacitor voltage balancing unit for intelligent controller based modular multilevel converters
13.	Shijukumar.R	EEE	Power Electronic transformer for smart grid applications
14.	Padmarasan.M	EEE	Investigations on interline dynamic voltage restorer for power flow management.
15.	Saritha.G	EEE	Design, development and performance evaluation of high step-up converter operated in CCM using various control techniques.
16.	Sasikala.R	EEE	Design, analysis and implementation of single stage PFC AC/DC converter for led applications.
17.	Bernatin.T	ECE	Study and development of video codec using FPGA
18.	Rexiline Sheeba.I	ECE	Analysis and Implementation of Wearable Micro strip Antenna
19.	Thaj Mary Delsy.T	ECE	Analysis of Plasma Disruption in Aditya Tokamak using Non stationary signal tools and mathematical modeling.
20.	Vijayashree.T	ECE	Studies on authentication of herbal plant leaves using image processing techniques
21.	Anitha.U	E&CE	Optimization of Sonar Image Enhancement Using Image Fusion Techniques
22.	Bethanney Janney.J	ECE	Early detection and morphological studies of skin lesions using image processing techniques.
23.	Magthelin Therase.L	ECE	Design and implementation micro strip ring antenna.
24.	Rajalakshmi.G	E&I	A study on adulteration of honey using spectroscopic techniques.

25.	Celin.S	E&I	Arrhythmia classification using antis through parameters from heart variability signal
26.	Anne Frank Joe.A	E&C	Classification of wheat grain using infra red spectroscopy.
27.	Jerry Alexander.T	E&C	Restoration of ancient handwriting in historical manuscripts of various forms.
28.	Megalan Leo.L	ETCE	Digital image analysis in dental radiography for dental implant assessment.
29.	Anitha.C	ECE	LDPC Coded High Capacity Optical CDMA System Using OOK-to-32 QAM Wavelength Converters
30.	Ayyadurai.M	ECE	Energy Efficient Architecture for Hybrid Wireless Network
31.	Bhalerao Manoj Vasant	ECE	Investigation of full duplex visible light communication (VLC) using LED.
32.	Gayathri.R	ECE	Digital image watermarking technique for copyright protection
33.	Maheswari.S	ECE	A Fusion approach for skin color detection
34.	Nallusamy.T	ECE	Security Measures Against Virus Propagation in Wireless Devices
35.	Prakash.S	ECE	Wireless Routing for Cellular Coverage Extension
36.	Preetha.D	ECE	Analysis of Micro strip Ring Resonator and its Applications
37.	Purushothaman.V	ECE	A Novel Architecture for Higher order FFT Using Low Cost FPGA
38.	Ramkumar.G	ECE	Hybrid Model for High Quality Face Tracking From Low Resolution Videos
39.	Ravindiran.A	ECE	Improved Pilot Scattering for Mobile Radio Channel Estimation Based Neural Network
40.	Reshma.M	ECE	A Clinical Decision Support System for Melanoma(Skin Cancer) Detection and Grading Using soft Computing Techniques
41.	Samuthira Pandi.V	ECE	Design of an Analytical Energy Consumption Model for Wireless Multichip Networks
42.	Sangeetha.R	ECE	Implementation of PCE Based Multi-Domain Routing in Wson Under Wavelength Continuity Constraint
43.	Sathiya Prabhu.G	ECE	Detection of Malicious Flux Networks
44.	Venkatesan.J	ECE	Three Dimensional (3D) Non Volatile FPGA Architecture for Software Defined Radio
45.	Nilima Satish Warade	ECE	Power Reduction Methodologies for Testing of Low Power VLSI Circuits
46.	Dinesh.R	ECE	A stride towards developing an optimized FPGA architecture of an all digital PLL with power reduction and enhancement of frequency resolution for wireless application
47.	Arun Antony.V	ECE	FPGA realization of smart antenna system with reduced power consumption by optimizing the DOA and beam forming algorithm
48.	Abilash.R	E&IE	Design and Implementation of Fractional Order PI Controller for Nonlinear Time-Delay pH System
49.	Venkataraman Padmaja	ECE	Acoustic channel modeling for underwater sensor network in Arabian sea - Simulation and Validation.
50.	Mahesh Jonnalagadda	ECE	Study of channel capacity and channel estimation for under

			water communication networks in Bay of Bengal - Simulation and Validation
51.	Kamakshi.B	ECE	Modeling of underwater communication network using CDMA method to improve Data rate/Bit error rate for underwater applications.
52.	Alaknanda Somanath Patil	ECE	Studies on secured data transmission using video steganoghraphy
53.	Sunita Mahesh Kulkarni	ECE	Studies on fusion based enhancement of medical images
54.	Sobya.D	ECE	Analysis of testing and diagnosis in FPGA based system design.
55.	Kumar.S.N	ECE	Medical image processing of abdomen images - A precautionary measure for renal failure and diabetes.
56.	Soubbaya.V	ECE	Traffic distribution, analysis and enhancement of circular sailing routing in wireless networks.
57.	Karunadurai.D	ECE	Microcontroller firmware reverse engineering for embedded system by architectural approach
58.	Senthil Kumar.P	ECE	Energy efficient spectrum sensing for cognitive radio networks
59.	Jawahar.L	ECE	Wireless hand Gesture controlled robot using image processing.
60.	Fijrin J.Roysh	ECE	Power management in RTOS by DVES using supervised learning algorithm
61.	Kaviarasu Balakrishnan	ECE	Energy harvesting wireless sensor network for disaster management.
62.	Sudha Rajayogan	E&I	Design of novel controller of piezoelectric micro actuator.
63.	Venkatraman.K	E&C	Analysis of fluid related abnormalities in optical coherence tomography images.
64.	Sakthi Shunmuga Sundaram.P	E&C	Design evaluation of high performance SRAM CELLS.
65.	Anbumani.K	E&C	Modeling and analysis of non linear multivariate process using soft computing techniques
66.	Jerin Winne.S	Mechanical	Investigation of flow characteritics in nozzle
67.	Deepak James Raj	Mechanical	Experimental studies on surface engineering of CP titanium(grade 2) and Ti6A14V (grade 5) titanium alloys
68.	Lilly Mercy.J	Mech & Prod	Some studies on mechanical properties of autonomic self healing glass fibre reinforced plastic(GRPF)composite-Experimental approach
69.	Elphej Churchil.S	Aeronautical	Design, Fabrication and Analysis of Multilayer Filament Wound Composite Cylinders
70.	Sivashankari.P	Mechanical	Some Studies in magnesium metal form for automobile exterior panel
71.	Anish.M	Mechanical	Energy conservation in building using PCM based thermal storage system
72.	Prabhu.A	Mechanical	Waste heat recovery through casecaded thermal energy storage system
73.	Mageswaran.G	Mechanical	Electro thermal solar concentratior collector
74.	Kavitha.K.R	Mech & Prod	Experimental investigation of wear charecteristics and thermal properties of a break lining material in an automobile break system

75.	Dillip Kumar Sahoo	Mech & Prod	Friction surfacing of metal coating on aluminium alloys over compacted graphite iron
76.	Venkatesh.R	Mechanical	The development of metal matrix nanocomposite materials and analysis of their tribbological, thermal and machinability characterisitcs
77.	Vadivel.N.K	Mechanical	Study and optimisation of joining of titanium and stainless steel using brazing techniques
78.	Shrikant Shyamkant M	Mechanical	Investigation on salient properties of Biodiesel blends
79.	Mane Deshmukh Sagar Balasaheb	Mechanical	Computational and Experimental Investigations of Small Sized Combustion Chambers.
80.	Vikas Ramnath Khalkar	Mechanical	Theoretical and experimental investigation of crack detection in a cantilever beam by using vibration parameters
81.	Vijayakumar.S	Mechanical	Mechanical Property Evaluation of Hybrid Natural Fiber Polymer Composites
82.	Ganesan.R	Mechanical	Inspection using machine vision optimization and modelling
83.	Baskar.S	Mechanical	Experimental investigation on enhancement of heat transfer characteristics of deionized water-Ethylene glycol for heating/cooling applications using nanoparticle
84.	Balasubramanian.K	Mechanical	Assessment of Acetylene as an Energy Source for Internal Comustion Engines.
85.	Sivaraman.V	Mech & Prod	Some study on modeling and optimization of process parameters in turning hybrid nanocomposites
86.	Ben Rajesh.P	Mech & Prod	Green productivity
87.	Thanikaivel Murugan.D	Mechanical	Experimental studies on the performance of an injector strut for a scramjet combustor
88.	Vijayan.R	Mechanical	Some Studies on Leaf Spring Using Natural Fibre (Musa Sapientum & Hibiscus Sabdariffa) Reinforced Polymer (Epoxy) Composite
89.	Dhanasekaran.R	Mechanical	Enhancement of performance of IC engines fired with alternate fuels
90.	Ramesh Babu.A	Mechanical	Lean burn & combined intended expansion techniques effect used with alternative fuels in CI of IC Engines.
91.	Joe Patrick Gnanaraj	Mechanical	Performance studies on heat pipe for various solar thermal applications
92.	Sasikumar.R	Mechanical	Performance and emission charecteristics of diesel engines fueled by vegetable oils
93.	Prabhudass.J.M	Mech & Prod	Experimental investigation and analysis of mechanical and thermal properties of hybrid polymer composites
94.	Logesh.K	Mech & Prod	Formability analysis and optimization of forming parameters in sandwich sheets
95.	Sivakumar.M	Mech & Prod	Development of Natural Fiber Composite - Studies of Charcterization and Machine Performance
96.	Rajeshkumar.N	Mech & Prod	High energy ball milling on synthesis and charecteristics of Al-Si-Mg / SiCp composites
97.	Karuppasamy.S	Mech & Prod	De-Lamination factor based optimization process with the aid of evaluation Algorithm
98.	Deva Prasad.A.M	Mech & Prod	Nano coated lead free soldering for electronic waste management

99.	Hari Hara Sakthi Sudhan.P	Mech & Prod	Characterizing the mechanical behaviour of nano composites
100.	Uma Suganya.K.S	BTE	Molecular (Epigenetic) Studies on the regulations of neuropeptides using nanoparticles in zebrafish model
101.	Kalaiarasi.S	BTE	Invitro and inrilicocharecterization of lacase using pseudomones species and its environmental applications
102.	Subhashini.D	BTE	Biosynthesis of Metal Oxides Nanoparticles for Environmental Applications
103.	Gobi Saravanan.K	BTE	Bioactive and Metallic Composites Based Thin Films for Biomedical Applications.
104.	RoselinJenifer.D	Life Sciences	Synergistic Imunomodulatory Effects of Different Plant Extracts Encapsulated with Biodegradable Polymers
105.	Narendra Kumar	BTE	Charecterizationofchitinases from Serratia spp. And study on its biocontrol potential nano-encapsulation properties
106.	Mary Rosana.N.T	Chemical	Near Infra-Red Sensitized Solar Cells
107.	AravindhKumar.J	Chemical	Removal of Poly Aromatic Hydrocarbons by using Adsorption Techniques
108.	Kumar.C	Lifesciences	Detection of vibrio species in aquaculture system based on DNA gold nanoparticles probs.
109.	Aranganathan.L	Lifesciences	Developing slow relese organic fertilizer using fish industrial wastes to enhance crap production
110.	Anbarasu.S	Lifesciences	Screening of lartic acid bacteria from dairy products for properties with antimycobacterial properties
111.	Thirugnanasambandam.R	Lifesciences	Detection and partial charecterization of bioactive peptides from the marine echinoderm and its nano-delivery for biomedical applications
112.	Nirmala.N	Lifesciences	Isolation of Alginate From Phaeophyceae for Cosmetics and Phramaceuitical Potentials
113.	SivarathnaKumar.S	BTE	Enhanced Production of Bio-Ethanal from Cellulosic Material
114.	Remya.R.R	BTE	Microalgae Mediated Biosynthesis of Nanoparticles for Treatment of Fish Pathogens
115.	Rajaprabhu.G	Life Sciences	Studies on Acoustic Communication in Fishes
116.	Parameswari.P	Life Sciences	In vitro Anti inflammatory and Anticancerous Activity Studies with Medicinal Plants
117.	ShafeerBabu	Life Sciences	An Investigation of Antimicrobial Activity of Seaweeds against various pathogenic Micro Organism and Isolation of Bioactive Compounds
118.	Kola Siva Gayathri	Life Sciences	Isolation and Characterization of BioluminescentBacteria from Different Sources and their Potential in Cancer imaging Studies.
119.	Lakshmi.M	Life Sciences	Invitro Mass Propogation, Isolation and Identification of Bioactive Compounds and its Pharamacological Efficacy of Coleus Zeylanicus
120.	ShanmugaPriya.J	Life Sciences	Intra pocket delivery of grape seed polyphenols against periodontal inflamation
121.	Saravanan.V	Life Sciences	Biochemical and toxicological changes following the use of kalanchoepinnata - An traditional indian medicine
122.	Prabhakaran.B	Life Sciences	Extraction, purification and charecterixation of marine flavonoids and phenolic compounds from seaweeds and its

			nano-delivery for anti-Glaucoma
123.	Tahseen Ali	Life Sciences	Invitro&Invivo studies in few medicinal plants
124.	Prasanth.A.S	Life Sciences	Biochemical Investigation in Recurrent pregnancy loss
125.	Raji.P.K	Civil	Remediation of lakes in the peri-urban areas of chenni due to land use change
126.	Vijayalakshmi.P	Civil	Impact of Climate change & its adaptation strategies for a watershed in Tamilnadu
127.	Esakkimuthu.T	Civil	Behaviour of nanoparticles on textile industry wastewater treatment in kancheepuram district, Tamilnadu
128.	Alagarsamy.R	Civil	Behaviour of shear walls under different building configurations and extreme load conditions
129.	Ashok Kumar.A	Civil	Effect of RHA and flyarsb on structural concrete
130.	Dhanraj.A.A	Civil	Experimental investigation on concrete using e-Waste for enhanced thrmal investigation and accomblished properties
131.	Pandian.V	Civil	Strength and durabikity properties of baggase ash and baggase fibre reinforced concrete
132.	Arun Kumar.S	MBA	Stress Management among the software professionals in Chennai City
133.	Asokan.K	MBA	Analysis of Medical Practitioners Stress with reference to Hospitals
134.	Dheera.V.R	MBA	Employee Perception Towards Change Management and the Role of HR as a Change Agent
135.	Prabakaran.N	MBA	Guest Perception in Hotel Industry - A Study with Special Reference to Chennai City.
136.	Rajasekar.G	MBA	The Human Resource Management aspects of the Project Management
137.	Reena Kalarajan	MBA	Study on Neuro Marketing for Diary Products
138.	Aiswarya.G	MBA	Customer Preference of Branded Apparels among women
139.	Vijaya Deepika.DE	MBA	service Quality of Organized Retail Sector
140.	Manoj Kumar.M	MBA	Emotional Intelligence of Women Employees- A Study with Reference to ITES SECTOR
141.	Madan Kumar Choudhary	Mgt. Science	Financing of mega Projects
142.	Sebastin Lawrence.J	Maths	A Study on tree conjucture problem in graceful and other labeling
143.	Anand.V.W.J	Maths	A Numerical study of unsteady gas-solid flow between parallel porous plates submitted to a magnetic field
144.	Chandrasekar.P	Maths	Numerical analysis of flow between parallel porous plates
145.	Viswanathan.E	Physics	Theoretical investigation on improving the hardness of novel super hard materials by doping
146.	Christy Issac	English	Content Strategy for the Web: A Focus on Older Adults
147.	Gopalakrishnan.D	Physics	Time Domain Dielectric studies on the Interaction of Collagen with Surfactants in Aqueous Solutionbuffer Solutions
148.	Amuthini Sambhavi.A	Physics	Aquifer Mapping and Charecterization Using Geophysical Techniques
149.	Uma Devi.R	Chemistry	Synthesis and charecterization of semicarbazone of and their metal complex

ANNEXURE - III

Improvements in the Library services:

Central Library Statistics

Total No. of Books	:	50046
Total No. of Titles	:	22446
Total No. of Magazines	:	74
Total No. of Journals	:	87
Total No. of e-books	:	1200
Total No. of e-Journals	:	1014

Digital Library and Online Access :

Total No. of IEEE Online Journal	:	142
Total No. of ASME Online Journals	:	21
Total No. of ASCE Online Journals	:	30
Total No. of ICFAI Online Journals	:	20
Total No. of Springer Link Journals	:	801

(Springer Link e-Journals are Subscribed through Springer)

The Following Journals are Subscribed through <u>INDEST CONSORTIUM</u>

- IEEE JOURNALS
- ALL THE CONFERENCE PROCEEDINGS OF IEEE STANDARDS
- BOOKS
- ASME
- ASCE

List of IEEE Journals, IEEE Proceedings, IEEE Standards IEEE Books, ASME Journals & ASCE Journals are Enclosed

The Following ICFAI e-Journals are Subscribed through ICFAI UNIVERSITY PRESS

1. Life sciences
2. English Studies
3. Biotechnology
4. Earth Sciences
5. History and Culture
6. Higher Education
7. Applied Finance
8. Derivatives Markets
9. Financial Risk Management
10. Risk and Insurance
11. Marketing Management
12. Brand Management
13. Services Marketing
14. Business Strategy
15. Supply Chain Management
16. Knowledge Management
17. Management Research
18. Operations Management
19. Entrepreneurship Development
20. Managerial Economics

Computer Administration:

All the Library activities (Acquisition, Circulation & Serial Control) Computerized

Software used	:	AUTOLIB
Front-end	:	SQL
Back-end	:	Visual Basic
Total No. of Computer	:	22 Nos.
Member Search	:	3 Nos.
Library Administration	:	4 Nos.
Digital Library and Online Access	:	15 Nos.

Institutional Membership :

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

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
         o   Robotics, IEEE Transactions on [see also Robotics and Automation, IEEE Transactions on]
116.   Security & Privacy Magazine, IEEE
117.   Selected Areas in Communications, IEEE Journal on
118.   Selected Topics in Quantum Electronics, IEEE Journal of
119.   Semiconductor Manufacturing, IEEE Transactions on
120.   Sensors Journal, IEEE

121.   Signal Processing Letters, IEEE
122.   Signal Processing Magazine, IEEE
        o Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on]
123.   Software Engineering, IEEE Transactions on
124.   Software, IEEE
125.   Solid-State Circuits, IEEE Journal of
126.   Spectrum, IEEE
127.   Systems, Man and Cybernetics, Part A, IEEE Transactions on
128.   Systems, Man and Cybernetics, Part B, IEEE Transactions on
129.   Systems, Man and Cybernetics, Part C, IEEE Transactions on
130.   Technology and Society Magazine, IEEE
131.   Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on
132.   Vehicular Communications, IEEE Transactions on
133.   Vehicular Communications, IRE Transactions on
134.   Vehicular Communications, Transactions of the IRE Professional   Group on
135.   Vehicular Technology Magazine, IEEE
136.   Vehicular Technology, IEEE Transactions on
137.   Very Large Scale Integration (VLSI) Systems, IEEE Transactions on
138.   Visualization and Computer Graphics, IEEE Transactions on
139.   Wireless Communications, IEEE Transactions on
140.   Wireless Communications, IEEE [see also IEEE Personal   Communications]

American Society of Mechanical Engineers International   (ASME)
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

Journal List

Sl. No	Name of the Journal
1.	ACM JOURNAL
2.	COMPUTERS MATERIALS & CONTINUA
3.	ACM COMMUNICATIONS
4.	ACM TRANS. ON INFN.SYS. SECURITY
5.	CSI COMMUNICATIONS
6.	COMPUTER NETWORKS
7.	INTERFACES
8.	ACM TRANS. ON PROGRAMMING LANGUAGE & SYSTEMS
9.	ACM SP.INT.GRP. PROGRAMMING LANGUAGES
10.	ACM TRANS. ON MATHEMATICAL SOFTWARE
11.	SYS ADMIN
12.	ACM SPL.INT.GRP.MGT.INFN. SYSTEMS
13.	ACM TRANS. ON MULTIMEDIA COMP., COMPUTING COMMS. & APPLICATIONS
14.	CAMBRIDGE JOURNAL OF ECONOMICS
15.	ENERGY POLICY
16.	JOURNAL OF INDUSTRIAL ECONOMICS
17.	JOURNAL OF INTELLECTUAL PROPERTY RIGHTS
18.	CORPORATE AND SECURITIES LAW, THE ICFAI JOURNAL OF
19.	AMERICAN JOURNAL OF SCIENCE
20.	JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH
21.	INDIAN SCIENCE ABSTRACTS
22.	AMERICAN MATHEMATICAL MONTHLY
23.	JOURNAL OF APPLIED MATHEMATICS & COMP.
24.	QUATRTERLY JOURNAL OF MATHEMATICS
25.	MATHEMATICS
26.	JOURNAL OF FOURIER ANALYSIS & APPLICATION
27.	POTENTIAL ANALYSIS
28.	CURRENT TITLES IN ELECTROCHEMISTRY
29.	INDIAN JOURNAL OF EXP. BIOLOGY
30.	BIOINFORMATICS
31.	INDIAN JOURNAL OF BIOCHEMISTRY & BIO PHYSICS
32.	INDIAN JOURNAL OF MICROBIOLOGY
33.	INDIAN DRUGS
34.	QUARTERLY JOURNAL OF MECHANICES & APP.
35.	IBM JOURNAL OF RESEARCH & DEVELOPMENT
36.	JOURNAL OF MATERIALS RESEARCH
37.	JOURNAL OF BIOMATERIALS SCIENCE
38.	MATERIALS SCIENCE & TECHNOLOGY
39.	APPLIED PHYSICS LETTERS (TIER 1)
40.	ELECTRICAL INDIA
41.	IEE REVIEW
42.	ASHRAE JOURNAL
43.	STRUCTURAL ENGINEER
44.	STRUCTURAL ENGG. & MECHANICS

45.	STEEL & COMPOSITE STRUCTURES
46.	COMPUTERS & CONCRETE
47.	INDIAN HIGHWAYS
48.	AMERICAN WATER WORKS ASSN. JOURNAL
49.	POLLUTION RESEARCH
50.	ENVIRONMENTAL POLLUTION CONTROL JOURNAL
51.	BUSINESS STRATEGY, THE ICFAI JOURNAL OF
52.	AEROSPACE SCIENCE & TECHNOLOGY
53.	IEE PROC. CONT. THEORY & APPLNS.
54.	ACCOUNTING RESEARCH, THE ICFAI JOURNAL OF
55.	JOURNAL OF BUSINESS
56.	IEEMA JOURNAL
57.	KNOWLEDGE MANAGEMENT, THE ICFAI JOURNAL OF
58.	MANAGEMENT RESEARCH, THE ICFAI JOURNAL OF
59.	APPLIED FINANCE, THE ICFAI JOURNAL OF
60.	FINANCERISK MANAGEMENT, THE ICFAI JOURNAL OF
61.	JOURNAL OF HUMAN RESOURCES
62.	ICFAI HRM REVIEW
63.	ICFAI JOURNAL OF ORGNL. BEHAVIOUR
64.	INDIAN JOURNAL OF INDUSTRIAL RELATIONS
65.	MANAGERIAL ECONOMICS, THE ICFAI JOURNAL OF
66.	INFORMATION TECHNOLOGY & MANAGEMENT
67.	INFORMATION TODAY
68.	ENTREPRENEURSHIP DEVELOPMENT, THE ICFAI JOURNAL OF
69.	PRODUCTION & OPERATIONS MANAGEMENT
70.	OPERATIONS MANAGEMENT, THE ICFAI JOURNAL OF
71.	SUPPLY CHAIN MANAGEMENT, THE ICFAI JOURNAL OF
72.	JOURNAL OF CONSUMER RESEARCH
73.	INDIAN JOURNAL OF MARKETING
74.	SERVICE MARKETING, THE ICFAI JOURNAL OF
75.	DERIVATIVES MARKETS, THE ICFAI JOURNAL OF
76.	BRAND MANAGEMENT, THE ICFAI JOURNAL OF
77.	CHEMICAL ENGINEERING
78.	JOURNAL OF CHEMICAL EDUCATION
79.	NANDHINI CHEMICAL JOURNAL
80.	PROCESS ENGINEERING
81.	ADVANCED BIOTECH
82.	INDIAN JOURNAL OF BIOTECHOLOGY
83.	AMERICAN MACHINIST
84.	MACHINERY
85.	TURBOMACHINERY INTNL.
86.	PATON WELDING JOURNAL
87.	CONCRETE PRODUCTS

<p align="center"><u>Central Library</u>
<u>Books Detail</u></p>

Department	Titles	Books	Value (in Rs.)
BIO-INFO	423	625	728723.92
ECE	2712	8171	4246193.30
MECHANICAL	2336	5612	2190569.67
PHYSICS	403	698	97156.40
INSTRUMENTATION	383	944	392509.17
CIVIL	839	1320	635597.58
GENERAL	1918	1502	1415993.49
EEE	1157	2243	1535315.49
CHEMICAL	676	1537	983588.31
CSE	5340	12798	5313479.88
BIOMEDICAL	178	263	351992.92
AERONAUTICAL	222	373	625399.73
REMOTE	10	10	3555.00
ENGLISH	220	314	43436.41
NANO	11	23	12283.00
MATHEMATICS	600	1546	347198.63
BIOTECH	509	1521	2871766.94
EDUCATION	1248	3274	1082986.08
MGT	2061	4872	1741621.80
ARCHITECTURE	1200	2400	4200000.00
Total	22446	50046	28819367.72

Department Libraries

S.No.	DEPARTMENT	REMARKS
1.	IT	o Automation of our Department Library. o Usage of Bar Codes in Department Library. o Providing Extra Books for Rank Holders. o Separate Library In charge for Department Library. o Issuing all the books to the students for all the subjects.
2.	CSE	Proposal of automation of department library.
3.	EEE	e-library facility is provided & facility to access IEEE and many other international journals
4.	ETCE	Fully computerized library with bar code access to all books.
5.	E&I	o Department library of EIE has a book bank for the first years (2013-11 Batch) for their additional references. o A digital storage database of projects that have been successfully completed by the students of earlier batches have been created in the Department Library for reference.

6.	E&C	o All books are bar coded o Issue and receipt of books are computerized o New books are purchased
7.	AERO	Library periods are added in the II year time table.
8.	CIVIL	Proposal of Automation of the department Library E journals
9.	CHEM	o No. of Books : 3771 o Total Cost : 9,15.312/- o International journals : 3 o National journals :18 o Total Cost : 3505 /-
10.	MECH	o To improve the efficiency of library services LIBGENIE software worth Rs 1 lakh is purchased and used effectively. o Compared to the last academic year (2006-2013), the number of books have increased by 1473 for 41 titles and the number of members by 177 for a total cost of Rs. 155236.
11.	MECH&PROD	o Database of department library books have been developed. o New books are purchased for the 2013-2014 in the field of composites, metal cutting, design of experiments etc., o Provided a separate office for issuing, collecting books for students at central workshop. o Issue and receipt of books are computerized
12.	BIO-TECH	We have purchased books for this academic year.
13.	BIO-INFO	New books of Multiple copies were purchased.
14.	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.
15.	M.Sc	Computerized
16.	VISCOM	Bar code system were installed
17.	PHYSICS	In addition to the existing 95 books, a list of around 50 books were recommended for purchase for the reference of staff and research scholars this year in the field of Engineering Physics, Atomic and Nuclear Physics, Electronics, Bio-Physics, Bio- medical Instrumentation, Optics, Acoustics, Mechanics and Theoretical Physics.
18.	B.ARCH	The digital library which contains the C.D;s of our students thesis projects, C.D of latest topics like sustainable architecture, passive and active solar architecture, Videos related to Architectural buildings and their history etc… has been updated.

ANNEXURE – IV

Performance in sport activities (June 2013 – May 2014):

SPORTS EVENT ORGANIZED:

S,No	Name of the Event	Year
1.	All India Inter University Taekwondo Championship	6TH JAN 2014 TO 12TH JAN 2014
2.	Remibai Jeppiaar Trophy- All India Inter College Women Tournament	20TH FEB TO 22ND FEB 2014
3.	22ND Year DR.MGR Trophy- Cricket Tournament	12TH FEB TO 12TH MAR 2014
4	4THYear DR.MGR Trophy Staff Cricket Tournament	8TH FEB TO 6TH APRIL 2014
5	TamilNadu Inter Deemed University T20 Cricket Tournament	17TH MAR TO 2ND APRIL
6	TamilNadu Inter Deemed University T20 Staff Cricket Tournament	12TH MAR TO 5TH APRIL 2014
7	2ND Year Silver Jubilee Trophy U-17 Cricket Tournament	9TH APRIL TO 27TH APRIL 2014
8	Sathyabama Challenger Trophy South India Inter Club Basket Ball Championship	LAST FOUR YEARS

BASKETBALL:

S.NO	NAME OF THE TOURNAMENT	MONTH & YEAR	POSITION	ALLINDIA /STATE / SOUTH INDIA -LEVEL
1	Kudanthai Trophy	June 2013	Runner	State
2	Pegasus	July 2013	Winner	South India
3	VeeraiyahVandayar Trophy	July 2013	Winner	State
4	Collossium Trophy	July 2013	Winner	State
5	Alagappan Trophy	July 2013	Runner	State
6	Dharma Moorthi Rau Trophy	Aug 2013	Runner	State
7	Ragavendra Trophy	Aug 2013	Runner	All India
8	CM Trophy	Aug 2013	Winner	State
9	Loordhu Trophy	Sep 2013	Winner	State
10	Balu Memorial Trophy	Sep 2013	Winner	State
11	Chem Fest	Sep 2013	Winner	State
12	KamatchiAmmal Trophy	Sep 2013	Runner	State
13	Kongu Trophy	Sep 2013	Runner	State
14	Chancellor Trophy	Oct 2013	Winner	State
15	Ramachandrapuram Trophy	Jan 2014	Runner	South India
16	BM Trophy	Jan 2014	Winner	State
17	Sfs Trophy	Jan 2014	Third	South India
18	Army Boys Trophy	Jan2014	Runner	All India
19	ABC Trophy	Jan2014	Runner	State
20	Tamilnadu Inter Deemed Trophy	Jan2014	Winner	State
21	SA Trophy	Feb2014	Winner	State
22	Vels'trophy	Feb 2014	Winner	State
23	CM Trophy	Feb2014	Runner	State
24	Peer Mohammed Trophy	Feb 2014	Winner	State
25	Saktivel Rolling Trophy	Mar2014	Winner	State

VOLLEYBALL

Sl. NO	NAME OF THE TOURNAMENT	MONTH & YEAR	POSITION	ALLINDIA/STATE/SOUTH INDIA - LEVEL
1	Pegasus Trophy	July 2013	Runner	South India
2	Buck Trophy	July 2013	Winner	State
3	VeeraiyahVandayar Trophy	July 2013	Winner	State
4	American Trophy	Aug 2013	Runner	State
5	TNPSU Trophy	Aug 2013	Winner	State
6	Chrict Trophy	Sep 2013	Winner	South India
7	Kongu Trophy	Sep 2013	Third	South India
8	Surandai Trophy	Oct 2013	Runner	State
9	South Zone Inter University	Jan 2014	Fourth	South India
10	Tamilnadu Inter Deemed University	Jan 2014	Runner	State
11	Chem Fest	Jan 2014	Winner	State
12	Sa Trophy	Jan 2014	Third	State
13	VIE Trophy	Feb 2014	Winner	All India
14	SNJ Trophy	Feb2014	Winner	State
15	Sankara Trophy	Mar2014	Runner	State
16	Vel's Trophy	Mar 2014	Runner	State

FOOTBALL

Sl. NO	NAME OF THE TOURNAMENT	MONTH & YEAR	POSITION	ALLINDIA/ STATE/ SOUTH INDIA - LEVEL
1	Pegasus Trophy	July 2013	Winner	State
2	Buck Trophy	July 2013	Runner	State
3	VeeraiyahVandayar Trophy	July 2013	Runner	State
4	Thallakulam Trophy	Aug 2013	Winner	State
5	Valluvar Trophy	Aug 2013	Winner	State
6	PMU Trophy	Sep 2013	Winner	State
7	Karunya Trophy	Sep 2013	Third	State
8	Dharmamoorthi Rau Trophy	Sep 2013	Winner	State
9	Arasarti Trophy	Sep 2013	Winner	State
10	Tamilnadu Inter Deemed University	Jan 2014	Winner	State
11	Chem Fest	Jan 2014	Winner	State
12	Ref.Fr.I.PrinceSJ Trophy	Jan 2014	Winner	State
13	Manapuram – Vidya Trophy	Feb 2014	Winner	State
14	CMI Trophy	Feb2014	Winner	State
15	Cresent Trophy	Mar2014	Winner	State
16	Vargeese Trophy	Mar 2014	Third	State

CRICKET [STUDENT]

Sl. No	NAME OF THE TOURNAMENT	MONTH & YEAR	POSITION	ALLINDIA/STATE/SOUTH INDIA - LEVEL
1	Sankara Trophy	Mar 2014	Runner	State

PLAYERS ACHIEVMENTS [2013-2014]

S.No	Players Name	Game	Achievements
1	Murali	Volleyball	Youth [U -21] National In Tamilnadu
2	Jemson Jose Antony	Volleyball	Non Medalist National In Tamilnadu
3	Sathish	Volleyball	Junior [U-18] National In Tamilnadu
4	Gokul	Volleyball	Sgfi National In Tamilnadu
5	Sivapriyan	Football	Senior National In Tamilnadu
6	Praveen	Football	Senior National In Tamilnadu
7	Ashok	Football	Senior National In Tamilnadu
8	NagurBabu	Basketball	Senior National In Andhra [3*3]
9	Swamy	Basketball	Junior [U-18] National In Andhra
10	Sai	Basketball	Junior[U-18] National In Andhra
11	Ravikanth	Basketball	Junior[U-18] National In Hariyana
12	Mandeep	Basketball	Junior [U-18] National In Hariyana

TAEKWONDO

T.N.PRASANTH [Above 87kg] - **Gold Medal** –in All India Inter University Championship and Gold medal in state level inter college tournament at Vel's University, Chennai

ANNEXURE – V

Student's achievements and awards during the academic year: 2013-2014.

Sl. NO	Batch	Name of the student	Name of the event	Institution / organization	National / Intl. / Zonal	Date	Remarks / achievements
1.	2012–17 & 2013-18	Works of various students	Design sheets Display	Rajalakshmi School of Architecture – ATTIC'14	National	Mar 2014	Design Sheets Display
2.	2013-2018	Ajith , & Diwakar	Cartoonize				Second Prize
3.	2012-2017	Sahithya.P	Glass Painting				First Prize
4.	2012-2017	Pradeep .V.S, Mildred Deborah	Bicolor Abstract				Second Prize
5.	2013-2018	TinuBalaji, Ajith , Ameen Diwakar	Pass Your Pic				Second Prize
6.	2012-2017	BalaMurugan.S, Aswin Lashingtan	SH Raza Model Making	MIDAS – Trikona 2014	National	Mar 2014	Third Prize
7.	2012-2017	Karthikeyan, Benifer	Now you see me				Third Prize
8.	2012-2017	Karthikeyan Benifer & Kameshwar	Dumb C				First Prize
9.	2012-2017	Kameshwar	Cycling				Third Prize
10.	2012-2017	BalaMurugan.S	POP Carving				First Prize
11.	2008-2013	Vikram Ramesh	SAP Sharon Sustainability Award – Best Thesis	Annual Day 2014 School of Architecture Anna University	National	Mar 2014	Second Prize
12.	2011 - 2015	Ms. Sayed Ali Fathima	Treasure Hunt	Sri Venkateswara College of Engg.	National	2014	Second Prize
13.	2013-2017	Gaurav Mishra	Chomskey's Riddle	SRM University Ramapuram	National	21/03/14	First Prize
14.	2013-2017	Ketan Anand					First Prize
15.	2011	Rajnish Kumar	MATHS QUIZ	Anna University, Chennai	National	25.02.2014	Second Prize
16.	2011	Vishnu Shankar	MATHS QUIZ				Second Prize
17.	2011	Vishnu Shankar	DUMB-C				Third Prize

18.	2011	Shrikant Manglam	MATHS QUIZ				Second Prize
19.	2011	Shrikant Manglam	DUMB-C				Third Prize
20.	2011	Prakash Kumar Prasad	DUMB – C	SRM University, Chennai	National	21.02.2014	Second Prize
21.	2011	Shrikant Manglam	DUMB – C				Second Prize
22.	2011	Vishnu Shankar	BUGGING				Second Prize
23.	2011	Vishnu Shankar	DUMB – C				Second Prize
24.	2011	Rajnish Kumar	QUIZZICLE				Second Prize
25.	2011-2015	NithyaKamalam	Treasure Hunt	Sri Venkateswar College of Engg.	National	2014	Second Prize
26.	2012-2016	ValerineRajathi	Creative writing	SSN College of Engineering	National	2014	First Prize
27.	2012	Jerry S Cherian	INTERNET NAVIGATION	SRM University	National	2014	Second Prize
28.	2011-2015	Niveditha R	Paper presentation	St Joseph's College Trichy	National	6&7 Jan 2014	Second Prize
29.	2011-2015	Vaishnavie R	Paper presentation				Second Prize
30.	2011-2015	Ms.Prabhavathy	Paper Presentation	ABI Software Solutions, Chennai	National	2014	First Prize
31.	2011-2015	Ms.Prabhavathy	Quiz				Second Prize
32.	2011-2015	Ms.Prabhavathy	Adzap				Third Prize
33.	2011-2015	Ms.Prabhavathy	Singing				First Prize
34.	2012-2016	Alen Sandeep Raj	Mind track	St.Joseph college of Engg	National	Mar 2014	Second Prize
35.	2012	Md Zeeshan Siddique	ALTIUS 2014 (PUBLIC INTERACTION AT US CONSULATE)	INFOSYS	National	2014	First Prize
36.	2012	Jerry S Cherian	SPELL BEE ,XION 2014	SRM UNIVERSITY	National	2014	First Prize
37.	2010-2014	Jasmine, Sneha	Global Challenge in Aircraft Design(US)-2013	Spirit Aero systems.Inc U.S.	Intl.	Dec 2013	Third Prize

38.	2010-2014	Gita Kirubakaran	Maths Dumb Cherades	SRM University	National	2013	First Prize
39.	2011-2016	Navin Lucas , Adthya David	Courtyard Design	MSAJ College of Architecture	National	Sept 2013	Third Prize
40.	2012	Md Zeeshan Siddique	ROBOFEAST 2013	REVERTECH TECHNOLOGIES IN COLLABORATION WITH IIT ROURKEE	National	27.09.13 to 28.09.13	First Prize in nodal level
41.	2012	Jerry S Cherian	ROBOFEAST 2013				
42.	2010-14	Ms.Sonia Ms.Nimmykovoorgeorge	Adsorption Science & Technology	SSN	National	2nd Aug 2013	Best Paper award
43.	2011-2016	AjinDavy.L, Henry Raj Kapoor	Short Film	Minkalam 2013	National	Feb 2013	Second Prize
44.	2010-2015	Preethi Persia, Subashini,Shouparna,Sriramar, Rajashree	Sculpture	Reciprocity 2013	State	February 2013	Third Prize
45.	2011-2016	Henry Raj Kapoor	Short Film	Tecuthsav'13	National	Jan 2013	First Prize
46.	2010-2015	S.Balu&Karthick Priya	Black out	NASA convention 2013	National	Jan 2013	Third Prize
47.	2011-2015	Mr. Aswin Kumar	Photography	SRM University	National	2013	Second Prize
48.	2011-2015	Ms. Harriet Sebastiny Y	Yogasana	Govt. of Kerala	National	2013	Yoga Siromani Award
49.							Championship Of Champions
50.							Individual Championship
51.							Title Award
52.				Govt. of Puducherry	National	JAN 2013	Hasthasana Yogini Award
53.	2012-2016	Astha Gaur	Hi- 5	ROTARACT CLUB	State	OCT 5, 2013	In Guiness Book Of World Record For High Number of Participants
54.	2009-2013	Mr.J.R.Deepak	National Conference on NICHE	Noorul Islam University	National	2013	Best presentation award
55.	2012-2016	S. Aishwarya Shilpa, Priyadarshini, K. Sudharshini	Rangoli Competition	Kilpauk Medical College	National	2013	Second Prize

56.	2010-2014	Mr.AthishRanjan	Will on Wheels Project	LIMCA	National	2013	LIMCA Book of World Record 2013
57.	2012-2016	Paul Joseph Parakkal.B	POWER OF COMMAND	NCC wing of SATHYBAMA UNIVERSITY	National	27-12-2013	Third Prize
58.	2012-16	Alen Sandeep Raj	AD-ZAP	Panimalar college of Engg	National	2013	First Prize
59.	2012	Alen Sandeep Raj	Drag race	Anna University	National	2013	First Prize
60.	2011-2015	G.Rajesh Kumar	National Design Competition 2013	CADD centre	National	2013	Third Prize

ANNEXURE – VI

Placement Summary 2013-14 (As on 7.03.14)

Total Number of Students placed	1124
Total number of companies	110

Top 20 Recruiters (Based on the number of offers made) - This academic year

Sl. No	Date	Name of the Company	Company Location	# of Students Selected
1	25.09.2013	Infosys	Bangalore	200
2	27.09.2013	Wipro	Chennai	141
3	23.09.2013	Cognizant	Chennai	132
4	09.10.2013	CapGemini	Hyderabad	54
5	04.10.2013	iGate	Bangalore	31
6	24.10.2013	Scope International	Chennai	22
7	14.11.2013	NTT Data	Bangalore	19
8	03.12.2013	IndiaMart	Chennai	18
9	11.12.2013	ICICI Direct	Chennai	18
10	30.09.2013	LnT Infotech	Chennai	17
11	22.11.2013	TNQ	Chennai	17
12	06.12.2013	Tech Mahindra	Chennai	15
13	07.10.2013	Virtusa	Hyderabad	14
14	12.10.2013	Cybage	Noida	14
15	16.11.2013	MuSigma	Bangalore	14
16	12.12.2013	Covenant	Chennai	14
17	18.12.2013	Zebronics	Chennai	13
18	18.11.2013	RBS	Chennai	12
19	17.12.2013	Vortex	Chennai	12
20	09.12.2013	Naukri	Chennai	11

Most recent Recruiters' List

	Date	Name of the Company	Company Location	
1	17.01.2014	Chettinad Builders	Chennai	4
2	18.01.2014	Jasmine Infotech	Chennai	5
3	28.01.2014	CSC	Noida	9
4	07.02.2014	Aon Hewitt, Chennai	Chennai	2
5	10.02.2014	Oracle, Bangalore	Bangalore	5
6	12.02.2014	RR Donneley	Chennai	3
7	15.02.2014	Peol	Chennai	1
8	17.02.2014	Edelweiss Finance	Chennai	3
9	21.02.2014	Aon Hewitt (Engg)	Chennai	1
10	07.03.2014	Royal Bank of Scotland(2)	Chennai	6

SATHYABAMA UNIVERSITY

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(A Christian Minority Institution)

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