

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

The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)

Part – A

1. Details of the Institution

1.1 Name of the Institution	SATHYABAMA UNIVERSITY
1.2 Address Line 1	Jeppiaar Nagar
Address Line 2	Rajiv Gandhi Salai
City/Town	Chennai
State	Tamilnadu
Pin Code	600119
Institution e-mail address	registrar@sathyabamauniversity.ac.in
Contact Nos.	24503150 / 24503151 / 24503152 / 24503154
Name of the Head of the Institution:	Col. Dr. JEPPIAAR M.A., B.L., Ph.D.,
Tel. No. with STD Code:	+91-44-24503155
Mobile:	

Name of the IQAC Co-ordinator:

Dr. S. Murugan

Mobile:

9940217379

IQAC e-mail address:

ithod@sathyabamauniversity.ac.in

1.3 NAAC Track ID (For ex. MHCOGN 18879)

TNUNGN10127

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

NAAC/SR-C-RAR/2008 DT: 24-DEC-2008

1.5 Website address:

www.sathyabamauniversity.ac.in

Web-link of the AQAR:

http://www.sathyabamauniversity.ac.in/naac/iqac/aqar_2013_14.pdf

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B ⁺⁺	80-85%	2006	5 Years
2	2 nd Cycle				
3	3 rd Cycle				
4	4 th Cycle				

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

03/07/2007

1.8 AQAR for the year (for example 2010-11)

2013-14

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*for example AQAR 2010-11 submitted to NAAC on 12-10-2011*)

- i. AQAR 2006-2007 submitted to NAAC on 16/07/2007
- ii. AQAR 2007-2008 submitted to NAAC on 29/08/2008
- iii. AQAR 2008-2009 submitted to NAAC on 07/08/2009
- iv. AQAR 2009-2010 submitted to NAAC on 08/09/2010
- v. AQAR 2010-2011 submitted to NAAC on 22/07/2011
- vi. AQAR 2011-2012 submitted to NAAC on 16/07/2012
- vii. AQAR 2012-2013 submitted to NAAC on 09/08/2013

1.10 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

Dental

1.12 Name of the Affiliating University (*for the Colleges*)

NA

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence

UGC-CPE

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

Any other (*Specify*)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="7"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="1"/>
2.3 No. of students	<input type="text" value="5"/>
2.4 No. of Management representatives	<input type="text" value="4"/>
2.5 No. of Alumni	<input type="text" value="5"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="-"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="1"/>
2.8 No. of other External Experts	<input type="text" value="1"/>
2.9 Total No. of members	<input type="text" value="24"/>

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders:	No.	<input type="text"/>	Faculty	<input type="text" value="4"/>
	Non-Teaching Staff	<input type="text"/>	Alumni	<input type="text"/>
	Students	<input type="text"/>	Others	<input type="text"/>

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos.	<input type="text"/>	International	<input type="text"/>	National	<input type="text"/>	State	<input type="text"/>	Institution Level	<input type="text"/>
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(ii) Themes

2.14 Significant Activities and contributions made by IQAC

Motivating department towards conducting workshops and arrangement of resource persons from industries, research organizations etc.,

2.15 Plan of Action by IQAC/Outcome

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 *

Plan of Action	Achievements

* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	26			
PG	37	20		
UG	20			
PG Diploma	-			
Advanced Diploma	-			
Diploma	-			
Certificate	1 (ECE)			
Others				
Total				
Interdisciplinary	16			
Innovative				

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	62
Trimester	NIL
Annual	2

1.3 Feedback from stakeholders*

(On all aspects)

Alumni Parents Employers Students

Mode of feedback : Online Manual Co-operating schools (for PEI)

**Please provide an analysis of the feedback in the Annexure*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Board of Studies meeting will be conducted every year. Based on the feedback, decisions will be taken regarding changes in the curriculum / syllabus.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

M.Sc Physics

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
797	408	172	217	-

2.2 No. of permanent faculty with Ph.D.

207

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
89	89	3	3	2	2	1	1	95	95

2.4 No. of Guest and Visiting faculty and Temporary faculty

4

15

11

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	1195	996	597
Presented papers	1195	996	597
Resource Persons	2	28	39

2.6 Innovative processes adopted by the institution in Teaching and Learning:

The faculty members adopts enhanced teaching methodology for effective delivery of course content through

- Seminars
- Slide Presentations (through LCD / OHP)
- Audio-Visual Aids
- Lecture Videos
- Simulations
- Charts

The research centre's are equipped with state-of-the-art equipments like Audio-Visual room, OHP, LCD Projectors and other facilities are made available to the faculty.

Besides regular classroom learning and innovative teaching methods like

- Field trips
- Industrial visits
- In-service training
- Working at the Industrial units provides an experience of actual working environment.

The staff members are not only explaining the problems in the classroom but also adopt a few other conducive methods to make the students understand. A few minutes in every hour is allotted for question-answer session in which the students get their doubts cleared. Remedial classes are conducted for week students and slow learners outside the regular class hours or during the preparatory holidays. Weak students are also encouraged to meet the teachers in the department and to get counseling for their improvement.

The innovative methods help the students:

- For better subject knowledge
- To create innovative ideas on the subject
- To create interest on the subject
- To improve teaching-learning process

2.7 Total No. of actual teaching days during this academic year

180 days

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

- Conduct of examinations during April/May for even semester and Nov/Dec for odd semester
- Tentative dates of examination dates are made available in the University Calendar.
- University examination dates are announced atleast a minimum of 50 days in advance.
- Question papers for all the courses (UG, PG and PhD) are obtained from external experts. Information about the question paper setters are kept confidentially.
- Central Valuation System by external experts for all UG and PG courses.

- Provision for revaluation system.
- An Internal Examination Cell has been formed for conducting Internal Assessment Examinations.
- A novel model of answer booklet with digital number format.
- Provision of dummy numbers in the answer scripts.
- The Internal marks are announced to the students well in advance before the commencement of the examination.
- Software is exclusively maintained by the Controller of Examination Office for handling all types of exam related process (like maintaining student information, subject and regulation details, university results, issue of transcripts, provisional certificates, degree certificates etc.,).
- For PhD, evaluation of thesis is done by Indian and Foreign Examiner.
- Examination results are declared within 15 days of the commencement of succeeding semester. University results are updated in the website immediately so that student as well as parent can get the result without any further delay. SMS and letters are also sent to the parents after the declaration of revaluation results.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

121	48	182
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2.10 Average percentage of attendance of students

75%

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
UG	1539	401	1124	14	-	92%
PG	933	504	429	-	-	99%
M.Phil	3	100%	-	-	-	100%
Ph.D	87	NA	NA	NA	NA	NA

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

- Feedback from the stakeholders (students, alumni, industry experts, research organizations and parents).
- Monitoring of lecture sessions by senior faculty members of the University.
- Arrangement of special classes for week students during evening hours and holidays.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	96
UGC – Faculty Improvement Programme	26
HRD programmes	21
Orientation programmes	185
Faculty exchange programme	NIL
Staff training conducted by the university	362
Staff training conducted by other institutions	239
Summer / Winter schools, Workshops, etc.	424
Others	NIL

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	1275	NIL	14	NIL
Technical Staff	130	NIL	15	NIL

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

Motivated the staff to publish papers in refereed journals.

To attend research oriented workshops at national and international level.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	65	17	--
Outlay in Rs. Lakhs	--	Rs.14,95,57,555/-	Rs.7,60,56226/-	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number			2	
Outlay in Rs. Lakhs			Rs.10,50,000	

3.4 Details on research publications

	International	National	Others
Peer Review Journals	6475	--	--
Non-Peer Review Journals	--	--	--
e-Journals	--	--	--
Conference proceedings	--	--	--

3.5 Details on Impact factor of publications:

Range Range h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2013.2017	IGCAR/CVRDE/DST/BHAVINI/DRDO	Rs.7,70,56226/-	3,00,00000/-
Minor Projects	2013.2014	DST	Rs.10,50,000/-	4,00,000/-
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College	2013.2014	University	Rs. 2,00,000/-	Rs. 2,00,000/-
Students research projects <i>(other than compulsory by the University)</i>				
Any other(Specify)				
Total			Rs. 7,83,16226	Rs. 3,06,00000/-

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
 DPE DBT Scheme/funds

3.9 For colleges

Autonomy CPE DBT Star Scheme
 INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number	5	22	-	-	-
Sponsoring agencies	CTS, TCS, DRDO, CVRDE, DST, CSIR, IGCAR				

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations

International

National

Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency

Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	
	Granted	
International	Applied	9
	Granted	
Commercialised	Applied	
	Granted	

3.17 No. of research awards/ recognitions received by faculty and research fellows

Of the institute in the year

Total	International	National	State	University	Dist	College
	6	31				

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them

151
603

3.19 No. of Ph.D. awarded by faculty from the Institution

87

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF 6 SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level 700 State level 256
National level International level

3.22 No. of students participated in NCC events:

University level 42 State level 42
National level 42 International level

3.23 No. of Awards won in NSS:

University level State level ✓
National level International level

3.24 No. of Awards won in NCC:

University level State level
National level International level

3.25 No. of Extension activities organized

University forum SDC College forum

NCC

NSS

Any other

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Blood donation camp conducted every year, in which a minimum of 800 individuals had donated their blood.
- School adoption programmes
- Village resource centres for training the under privileged sections of the society for self-employment.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	120 acres			120
Class rooms	220	10		230
Laboratories	112	5	Funds from sponsoring trust	117
Seminar Halls	42450sq.ft	16,000 Sq.Ft.		58450
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	72	15		87
Value of the equipment purchased during the year (Rs. in Lakhs)	200 Lakhs	75 Lakhs		275
Others				

4.2 Computerization of administration and library

The library has exclusive reading, reference sections in additions to the Digital Library with 120 systems.1000 system allotted for Administration

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	100493		6000		106493	
Reference Books	4432		2320		6750	
e-Books	63344		1200		64544	
Journals	193		224		417	
e-Journals	63345		2002		65347	
Digital Database						
CD & Video	2234		1354		3588	
Others (specify)						Rs. 26309367. 72

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	2500	25	-	-	-	-	-	-
Added	500	1	-	-	-	-	-	-
Total	3000	26	-	-	-	-	-	-

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

Training for effective browsing and searching for the benefit of the students.

How to do literature survey for the research scholars and students.

4.6 Amount spent on maintenance in lakhs :

i) ICT

1 CRORE

ii) Campus Infrastructure and facilities

1 CRORE

iii) Equipments

2 CRORES

iv) Others

6 CRORES

Total :

10 CRORES

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Overseas students

Overseas Students receive guidance and counseling, besides travel assistance.

Physically challenged / differently-abled students

Differently abled Students are exempted in payment of fees towards their transport and food and buildings are designed with ramps for their movements inside the university.

SC/ST, OBC and economically weaker sections

University is catering to the needs of students belonging to deprived communities of Scheduled castes, Scheduled tribes, other backward classes and low-income groups. SC and ST Students are encouraged to continue their education by way of Scholarships from Government and Non - Government Organizations.

Students participating in various competitions / conferences in India and abroad

Several Welfare Schemes like sponsorship for Students Projects, sponsorship for International and National Conferences at home and abroad, works shops, Meets, Symposiums etc are always given to the students. Apart from these the University also provides needy students with study and sports material, payment of examination, tuition fees and organizes medical aid to students scholarship for sports students, scholarship for meritorious students and financial assistance for in house projects.

Health centre, health insurance etc.

The university has state of art gymnasium for girls and boys separately which can be utilized for free of cost. Yoga classes are conducted regularly. In house medical facility is available for 24 hours inside the University campus. All the students of the university are covered under accidental insurance for a maximum of rupees one lakh.

Skill development (spoken English, computer literacy, etc.)

Coaching in Computer Language and Spoken English classes are being conducted from 3pm to 8pm in Hostels for boys and girls. Internet facilities are offered to students from 3.00pm onwards at free of cost .Advanced Computer language classes are offered at CISCO sponsored lab.

Performance enhancement for slow learners

- Diagnosis Test were conducted to find out the weaker students and train them based on their need.
- Special classes for average and weak students are conducted regularly.
- Extra assignments and hand out materials are given to support them in their academics.
- Training programs are conducted periodically to enhance their vocabulary (idioms, phrases etc) and language usage to meet the situation were some of the aspects.

Exposure of students to other institutions of higher learning/corporate/business houses, etc.

- Students are exposed to industrial visits, workshops, training programs, seminars, paper presentations, conferences exhibitions organized by various technical

- **Wipro** certified Sathyabama University as “TRUSTED ACADEMIC PARTNER”. Few of the programs sponsored by Wipro are “Mission 10X”, “Jump Start”.
- **Accenture** signed an MOU with us and become a consistent recruiter at Sathyabama. They are conducting “Mind Power Enhancement Program” and “Soft skill development Programs” for our students. “Accenture career Day” is being conducted every day to give an insight on Accenture’s offer to the students.
- **Infosys** training our students through their “Campus Connect” Initiative. Faculty enrichment programs also conducted by Infosys.
- **VirtUSA** had setup two labs (Mobile Application Development Lab & Rich Internet Access lab) at Sathyabama. Students from CSE, IT and MCA being taught and trained on Mobile Application Development by Virtusa Technical Experts.
- **Computer Science Corporation** selected 30 of our students and assigned them projects which is being mentored by CSC managers.
- Sathyabama signed MOU with **FLSmidth** which helps our students to get Industrial exposure through industrial visits and knowledge sharing.
- **Emerson Automation** had sponsored a machine (**UniDrive SP Model**) which is being used by Electrical students as part of their regular curriculum and for research activities

Publication of student magazines

Every department publish their department magazines consisting of student activities, achievements in sports, clock assistance to the students in personal needs and in academics. The hostel students and day scholars can meet the counsellor for Special Counseling if required. Expert members are invited to provide counseling in academics and the best practices for well being of the students periodically. A

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
12,175	1798	222	3

(b) No. of students outside the state

6164

(c) No. of international students

5

Men

No	%
3791	29.71

Women _____

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
5202	429	72	5170	28	10901	5838	496	64	5693	15	12,106

Demand ratio 1:21 Dropout 2%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

ADVISORY BUREAU FOR HIGHER STUDIES

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	27 th June 2013	Nil	Mr. Gopinath Jamboree Education Private Ltd., Chennai
5	Ice breaking session on GATE 2014	9 th July, 2013	Nil	Director, GATEFORUM, India
6	Japanese Language	80 Hrs	Rs. 4000	NA
7	Ice breaking session on HIGHER STUDIES ABROAD	29 th 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
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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 to 08.09.2013	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
	16.09.2013 to			

NET

1

SET/SLET

GATE

16

CAT

3

5.6 Details of student counselling and career guidance

Career Development Programs

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 Activities :

- **BEC (Business English Certification)** training has been conducted to our students and they are encouraged to take the Certification process
- Conducting Aptitude test periodically to equip them for Campus recruitment in final year.
- Diagnosis tests to find out students' strength & weakness and train them based on need.
- Encouragement to obtain a technical certificate course in a specialized field.
- 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.
- 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

Entrepreneurship Development Cell provides technical and general inputs for students interested in self employment and starting their own ventures. Successful entrepreneurs, Experts from Small Scale Industries and District Industrial Centers, Professional from Commercial Banks are invited to meet the students so as to encourage and clear the doubts of the students in starting their own ventures, procedures to be followed, and also the sort of assistance the banks and other institutions give. The Employment Cell also encourages the students to be self-employed and creates awareness of various avenues of self-employment..In this regard, a **Technology Business Incubator** sanctioned by DST is functioning in the University.

Advisory Bureau for Higher Studies offers special coaching in GRE/TOFEL/GATE/CAT etc., organize lectures from consulate generals of various countries in up-dating the post graduate courses, application details, scholarship provided by the various Universities abroad, providing materials for competitive examinations, intimation of the dates of admission, in teaching foreign languages such as German, Japanese inside the University campus.

Coaching in Computer Language and Spoken English are being conducted from 3pm to 8pm in Hostels for boys and girls. Internet facilities are offered to students from

No. of students benefitted

843

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed

110	1568	1124	291
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5.8 Details of gender sensitization programmes

A Separate Counsellor for Women is available in the campus. The hostel students and day scholars can meet the counsellor for Special Counseling if required. The faculties also provide counseling to the students in academic and personal areas, and two staff members for each class are deputed for this purpose.

The sexual harassment cell receives complaints through mails, monitors and takes necessary measures to prevent sexual harassment in the campus. However, owing to healthy environment in the campus no incident has occurred so far.

Legal Literacy to women

During Fem-fest and cultural fest, lectures are organized on women's rights, responsibility and issues. Moreover, invited talks are organized with professionals from legal back grounds to provide legal literacy to women.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level National level International level

Cultural: State/ University level

National level

International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	1122	Rs. 2,00,00,000
Financial support from government	231	Rs. 47,15,422
Financial support from other sources	24	Rs. 12,02,730
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: _____

The university has a very effective and transparent grievance redressal system (both manual and web based) where students are free to present their grievances. The University' Grievances Redressal Cell comprises of Directors, Vice Chancellor, Registrar, Heads of various Departments, and Senior Faculty Members. The grievances of the students are received and addressed immediately by taking up necessary action. The number

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

An effective and competent source of technical manpower for the current and future industrial requirements.

Mission

To educate and mould students towards employability by providing opportunities for the young engineers to become the future technical personnel

6.2 Does the Institution has a management Information System

Yes.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

Excellence for students in regular curriculum is achieved through regular conduction of mid semester examinations, assignments and student seminars. Students participating in various national and international level competitions and winning laurels to university in various technical, co curricular and extracurricular competitions are

6.3.2 Teaching and Learning

Improved Teaching aids are given and the staff are motivated to make the best use of them. Assignments and re tests are conducted to improve the performance in assessment examinations.

6.3.3 Examination and Evaluation

Centralised internal exam cell is functioning in the University to achieve uniform and fair evaluation of students without bias. Each subject is allotted a subject coordinator, who is the senior faculty member, who provides, suggestions, and scheme of subject

6.3.4 Research and Development

Research heads have been appointed who monitor the growth of individual departments and of every staff in it and call for periodic review meetings where their progress is measured and measures

6.3.5 Library, ICT and physical infrastructure / instrumentation

Smart class rooms with writing board, Multimedia projector, public address system and display unit are used apart from regular class room to make the knowledge transfer effective. More computers are installed in the digital library. Wi-fi connectivity across many places inside the campus, broadband internet and intranet connectivity, intercoms and landlines have improved the

6.3.6 Human Resource Management

Novel strategies have been implemented in use of staff, student and alumni being conscious to maintain a healthy ratio of teaching experts from staff community as well as from alumni and industry personnel.

6.3.7 Faculty and Staff recruitment

Advertisements in major news papers (English and local).
Based on the merit new recruitments are made.

6.3.8 Industry Interaction / Collaboration

Great importance has been placed on meeting the requirements of the standards of the industry. Regular interaction meetings have been held between industry partners to assess and maintain strictest standards

6.3.9 Admission of Students

Admission through Entrance Examination conducted at All India level.

6.4 Welfare schemes for

6.5 Total corpus fund generated	Teaching / Non teaching	<ul style="list-style-type: none"> The children of the staff member who scores highest percentage in X and XII board exams are appreciated with a cash award of Rs.10,000 Waiver of 50% of tuition fee for the children of staff member who has served the institute more than 10 yrs A sum of Rs.1,00,000 provided to the family of the staff in case of death of the staff. 	
6.6 Whether annual audit has been done No	Students	<p>Rs. 5 Crores</p> <ul style="list-style-type: none"> Summer camps & science exhibitions are conducted for <input type="checkbox"/> months a <input type="checkbox"/> times for <input type="checkbox"/> members. Maternity leave <input type="checkbox"/> months a <input type="checkbox"/> times to lady staff with salary. 10% - 30% waiver on tuition fee for the students ranking top 3 in university examinations from each batch in every department. Free medical check-up / treatment 	financial Yes
Revised Guidelines of IQAC and submission of AQAR		Financial assistant to attend international conference / Seminars / Workshops	Page 31

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic			Yes	Academic Council
Administrative			Yes	Board of management

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

Setting of Question paper and valuation are by external experts
Introduction of referral valuation

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

Not applicable

6.11 Activities and support from the Alumni Association

Every year alumni is being conducted.
Alumni association extends its support at various activities.
Particularly they support more on placement activities. They visit campus to conduct mock interview for students and guide them to meet the expectation of the industries.

6.12 Activities and support from the Parent – Teacher Association

Parents meet regularly the respective departments.
The suggestions that are specified by the parents are forwarded to the management for further course of action.

6.13 Development programmes for support staff

The teaching and non teaching staff are developed through Faculty development programmes and specialised training courses. They are encouraged to pursue their education through part time courses offered by the University.

6.14 Initiatives taken by the institution to make the campus eco-friendly

- Cooking in the mess halls and hostels are done through solar energy.
- Water harvesting is done in different parts of the University and sent to a large tank, where it undergoes reverse osmosis process of water purification and is used for laboratory usage.
- Only the University buses are allowed inside the campus, which is the only mass transit system. No private vehicles of staff or students are allowed inside the campus
- Our University has a dedicated centre for waste management, which develops novel techniques to manage and dispose waste effectively. Bio gas plants are set up to productively to recycle the organic waste matter
- E wastes like computers and its accessories, electrical cables are

Criterion – VII_

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

A scheme of “Earn while you Learn” launched by our University recently, has created a positive impact on the students of our University. Students are encouraged to take up part time jobs in the Maintenance cell,
All the mess workers reach us to serve food with an apron printed-

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

Conduct of personality development classes from second year has been initiated.
Parents are intimated with their wards progress on daily basis.
Number of publications has been increased drastically.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

Online Student Information system and Attendance Tracking system
TECHNOVATION – The best Project Selection

****Provide the details in annexure (annexure need to be numbered as i, ii,iii)***

7.4 Contribution to environmental awareness / protection

Eco club which is a part of Student Development Cell is doing various activities toward environmental awareness / protection

7.5 Whether environmental audit was conducted? Yes No

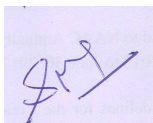
7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

1. Strong faculty strength
2. Huge resources for research
3. Funding from major Government agencies

8. Plans of institution for next year


1. To launch Sathyabama Nano Satellite in association with ISRO
2. To establish exclusive laboratory for animal and medicine research
3. To implement more communal activities through NCC, NSSS and YRC
4. Revision of syllabus
5. To conduct Placement camp exclusively for girl students
6. To actively participate in the event organized for the benefit of the public.
7. Motivate the staff members to work towards project proposals
8. To launch new Website with good look and feel and with more innovative contents
9. To launch apps for the University in leading platforms
10. To train the students to become software professionals and entrepreneurs in their respective field of study.

Name: **Dr.S.Murugan**



Signature of the Coordinator, IQAC

Name: **Dr.S.Ramachandran**



Signature of the Chairperson, IQAC
