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	1st Cycle	B++	80-85%	2006	5 Years
2	2nd Cycle				
3	3rd Cycle				
4	4th 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 2010-11submitted 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

| 7 |

2.2 No. of Administrative/Technical staff

| 1 |

2.3 No. of students

| 5 |

2.4 No. of Management representatives

| 4 |

2.5 No. of Alumni

| 5 |

2. 6 No. of any other stakeholder and

    community representatives

| - |

2.7 No. of Employers/ Industrialists

| 1 |

2.8 No. of other External Experts

| 1 |

2.9 Total No. of members

| 24 |

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders: No. [   ]   Faculty [4]

    Non-Teaching Staff Students [   ]   Alumni [   ]   Others [   ]

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. [   ]   International [   ]   National [   ]   State [   ]   Institution Level [   ]

   (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*   Alumni ✓   Parents ✓   Employers ✓   Students ✓
    (On all aspects)

        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

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

Faculty / Staff Development Programmes	Number of faculty benefitted
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 [0.01-6.626] erage [3.318] h-index [31] Nos. in SCOPUS [2038]

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 *(other than compulsory by the University)*				
Any other(Specify)				
Total			Rs. 7,83,16226	Rs. 3,06,00000/-

3.7 No. of books published   i) With ISBN No.   203   Chapters in Edited Books   28

ii) Without ISBN No.   --

3.8 No. of University Departments receiving funds from

UGC-SAP [ ]   CAS [ ]   DST-FIST   2

DPE [ ]   DBT Scheme/funds [ ]

3.9 For colleges   Autonomy [ ]   CPE [ ]   DBT Star Scheme [ ]

INSPIRE [ ]   CE [ ]   Any Other (specify) [ ]

3.10 Revenue generated through consultancy   **Rs. 2.558 Crores**

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   2

3.13 No. of collaborations   International   6   National   7   Any other [ ]

3.14 No. of linkages created during this year   19

3.15 Total budget for research for current year in lakhs :

From Funding agency   Rs. 10,00,00,000   Management of University/College   Rs. 4,00,00,000

Total   Rs. 14,00,00,000

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

3.16 No. of patents received this year

	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 | 3 | NSS | 1 | Any other | YRC |

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 (≥ 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	Depart-ments	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

<u>Overseas students</u>

Overseas Students receive guidance and counseling, besides travel assistance.

<u>Physically challenged / differently-abled students</u>

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.

<u>SC/ST, OBC and economically weaker sections</u>

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.

<u>Students participating in various competitions / conferencesin India and abroad</u>

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.

<u>Health centre, health insurance etc.</u>

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.

<u>Skill development (spoken English, computer literacy, etc.)</u>

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.

<u>Performance enhancement for slow learners</u>

➢ 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.

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

➢ Students are exposed to industrial visits, workshops, training programs, seminars, paper presentations, conferences, exhibitions, organized by various technical institutions within and outside the state.

➢ Cognizant accredited as their academic partner and they are involved with us in various Skill development Program. Few of the programs are : Evolve, Faculty Enrichment Programs and experience Cognizant.

- 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, cultural, academics and community services.

5.2 Efforts made by the institution for tracking the progression

Yes. The University always has a keen eye towards the student support and mentoring as it assists them in providing Faculty as counsellor for the Students throughout their stay in their university. All the student counsellors are involved in both academic and personal counseling for a group of 20 students for whom they were allocated.

The Counsellor maintains a complete record of the student activity in the campus. They also work hand-in-hand with the parent by bringing them up to date on their ward's progression like sending assessment marks and daily attendance through SMS. The counsellors and staff provide guidance to students to enhance their quality of education, encourage them to participate in sports and cultural activities. The faculties working as hostel warden provide round the 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 Separate Counsellor for Women is available in the campus. The faculty also provide counseling to the students in academic and personal areas, and two staff members for each class are deputed for this purpose.

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	%	Women	No	%
	8966	70.28		3791	29.71

	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	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

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

5.5 No. of students qualified in these examinations

NET [1]   SET/SLET [ ]   GATE [16]   CAT [3]

IAS/IPS etc [ ]   State PSC [ ]   UPSC [ ]   Others [281]

5.6 Details of student counselling and career guidance

<u>Career Development Programs</u>

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 thorough 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 Apt. Reach /Speed Mathematics/ Logical Reasoning/ Deciphering the Matrix/Verbal Reasoning/ Situational Conversation/Team Building / Creativity / Group Discussion / Planning Goal Setting / Time Management / Sentence Construction/Personal Counseling /Motivational Talk.

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

  C & C + + PROGRAMMING

  INTERNET PROGRAMMING (HTML, XML, ASP, JAVA SCRIPT)

<u>Entrepreneurship Development Cell</u> provides technical and general inputs for students interested in self employment and staring 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.

<u>Advisory Bureau for Higher Studies</u> offers special coaching in GRE/TTOFEL/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 3.00pm onwards at free of cost.

University offers certificate courses through video conferencing in various trades like Electrician, Plumbing, Medical Lab Technician, and Nursing Assistant to the rural students through Village Resource Centers (VRC) at free of cost and the qualified are offered placement by the University.

No. of students benefitted | 843

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
110	1568	1124	291

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   213   National level   384   International level   3

No. of students participated in cultural events

State/ University level   398   National level   497   International level   4

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

Sports : State/ University level | 2 | National level | 53 | International level | 1 |

Cultural: State/ University level | 15 | National level | 388 | International level | 2 |

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 | 3 | National level | 3 | International level | 1 |

Exhibition: State/ University level | 6 | National level | 11 | International level | 4 |

5.12   No. of social initiatives undertaken by the students | 6 |

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 of the grievances addressed in the last year is roughly around 10-15.

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 of International caliber.

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 the witness to the quality achievement.

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 teaching to all the staff handling that subject in that semester.

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 taken for correction and improvement.

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 communication systems

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

Teaching / Non teaching	- 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, incase of death of the staff. - A full time crèche functions inside the campus, to take care of the children of staff. - Summer camps & science exhibitions are conducted for children of staff members. - Maternity leave of 3 months are given to lady staff with salary.
Students	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 assistant to attend international conference / Seminars / Workshops

6.5 Total corpus fund generated

> Rs. 5 Crores

6.6 Whether annual financial audit has been done   Yes   √   No ☐

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 dispersed through buy back schemes.

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- "Don't waste food"
>
> which has reduced the wastage of food in recent days.

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
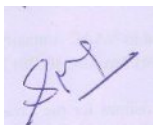
7.5 Whether environmental audit was conducted?   Yes [√]   No [   ]

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**   Name: **Dr.S.Ramachandran**

Signature of the Coordinator, IQAC   *Signature of the Chairperson, IQAC*

_____***_____