

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:

Prof. Dr. B. Sheela Rani M.S (By Research), Ph.D.,

Tel. No. with STD Code:

+91-44-24502658

Mobile:

9840941389

Name of the IQAC Co-ordinator:

Dr. M. Sundareswari

Mobile:

9840477004

IQAC e-mail address:

iqac@sathyabamauniversity.ac.in

1.3 NAAC Track ID(For ex. MHCOGN 18879)

TNUNGN10127

1.4 NAAC Executive Committee No. &Date:

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

*(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)*

1.5 Website address:

www.sathyabamauniversity.ac.in

Web-link of the AQAR:

http://www.sathyabamauniversity.ac.in/documents/IQAR/AQAR_2015_2016.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	B	2.5	2015	5 Years
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)

2015- 2016

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
- viii. AQAR 2013-2014 submitted to NAAC on 16/07/2014
- ix. AQAR 2014-2015 submitted to NAAC on 05/08/2015
- x. AQAR 2015-2016 submitted to NAAC on 17/08/2016

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) UGC, MHRD, DCI, COA

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 (PhysEdu) ☐

TEI (Edu) ☐ Engineering ☒ Health Science ☒ Management ☒

Others (Specify)

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

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

Autonomy by State/Central Govt. /University

Deemed University

University with Potential for Excellence

UGC-CPE

DST Star Scheme

UGC-Special Assistance Programme

DST-FIST

☒*

UGC-Innovative PG programmes

Any other (*Specify*)

UGC-COP Programmes

* DST-FIST Sponsored Lab- Life Sciences, Physical Science and Engineering Sciences

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="6"/>
2.2 No. of Administrative/Technical Staff	<input type="text" value="2"/>
2.3 No. of Students	<input type="text" value="2"/>
2.4 No. of Management Representatives	<input type="text" value="2"/>
2.5 No. of Alumni	<input type="text" value="1"/>
2.6 No. of any other stakeholder and Community Representatives	<input type="text" value="2"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="2"/>
2.8 No. of other External Experts	<input type="text" value="1"/>
2.9 Total No. of Members	<input type="text" value="20"/>
2.10 No. Of IQAC meetings held	<input type="text" value="4"/>

2.11 No. of meetings with various stakeholders:

Faculty	<input type="text" value="12"/>	Non-Teaching Staff	<input type="text" value="4"/>		
Students Alumni	<input type="text" value="1"/>	Students	<input type="text" value="12"/>	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" value="2"/>	International	<input type="text"/>	National	<input type="text"/>	State	<input type="text"/>	Institution Level	<input type="text" value="2"/>
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(ii) Themes

- “IQAC for Quality enhancement and API Scoring”
- “Quality Enhancement through innovations in teaching methodology” in the month of August 2016.

2.14 Significant Activities and contributions made by IQAC

- Academic Audit is scheduled and executed with the Internal Assessors.
- The report for each school is consolidated and the findings are communicated to the respective Deans.
- Two workshops are organized on the following themes
 - IQAC for Quality enhancement and API Scoring
 - Quality Enhancement through Innovations in Teaching Methodology
- To facilitate “Innovative Teaching Methodology”, separate formats are introduced.
- To identify the existing skill of the students in various extra-curricular and co-curricular activities, separate formats are introduced in order to generate a data base; suitable mentoring could be done for effective utilization of the expertise of these identified students.

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	Schedule	Outcome / Achievements
Meeting held for identifying the deviations of previous NACC visit 2015 and measures to be taken.	September 2015	
Meeting with restructured IQAC members and new QCM	4th September 2015	
Orientation program for newly joined students	September 2015	
Concept Level test for first year UG students to identify advanced learners and slow learners- attach schedule, QP	7 th September to 11 th September 2015	Online Concept Level Test was executed to identify the slow and advanced learners in each

Submission of report on identification of advanced and slow learners (in report include pie chart for percentage of advanced and slow learners, measure to be taken for them.	14 th September 2015	Schools at the entry level Slow learners were induced to join Bridge Course and Advanced learners were encouraged to join Certificate Courses.
Communication to IQAC from each school regarding action/activities taken for advanced learners and slow learners(include schedule- name of the activity, resource person, number of students)	21 st September 2015	
Bridge course for non-mathematics back ground students	1 st Semester beginning – 10 days	
Meeting with IQAC/QCM members on proceedings of Academic audit	8th October 2015	
Academic Audit -School of Computing and School of EEE	2 nd week of October 2015	Schedule, Format and Internal Assessor Panel have been prepared to implement the Audit
Academic Audit – School of Mechanical and School of Bio	2 nd week of October 2015	
Academic Audit – School of Building and Environment, School of Management Studies, School of S&H	2 nd week of October 2015	
Meeting with IQAC/QCM members consolidated Academic audit and feedback	29th October 2015	
Meeting held - Board of Management, School Deans, Heads to present and analyze result analysis report – identify issues and actions/ measures to be identified	4 th week of October 2015	Academic Audit executed as per the schedule
Measures to be taken based on academic audit report of each school – submit schedule, feedback	1 st week of November 2015	Feedback from the Alumni and Student was collected and documented besides the noteworthy points were pondered upon. Dr. Rita John and Dr. Nirmala Prasad were identified as eminent speakers
Submission of consolidated feedback report to IQAC – feedbacks from Students, Parents, Industry, Guest Speakers, Alumni	1 st week of December 2015*	
Submission of Result analysis (Odd Sem) school wise- CAE I, CAE II	2 nd week of December 2015*	
Initiatives to conduct seminar on quality related programmes	1 st week of February 2016	*Rescheduled to 1 st and 2 nd week of January 2016 due to Chennai Floods.
Meeting with IQAC/QCM members on new proposals and API	12th February 2016	
Framework initiated for student Alumni association registration	4 th week of February 2016	Remedial Classes have been conducted for the weak

Submission of Result analysis (odd Sem) school wise-university	2 nd week of March 2016	students Alumni Association registered in August 2016
Framework initiated for IAS Coaching academy	3 rd week of March 2016	
Special classes for three and above arrears	4 th week of March 2016	
Proposal initiated for Certificate courses- First Aid Course , Fire Safety Course ,Wick Irrigation/Terrace Farming /Organic Farming, Online spoken English, Yoga course	2 nd week of April 2016	Certificate / Skill development courses launched – implemented in academic year 2016 – 2017
Submission of Result analysis school wise- CAE I, CAE II	1 st week of May 2016	Higher education opportunities for disabled students, acid victims as part of inclusive education & Women empowerment – implemented in academic year 2016 – 2017
Proposal initiated for Green measures at each school	4 th week of May 2016	Quality related workshops are conducted in the month of August 2016.
Proposal initiated for women empowerment	2 nd week of June 2016	IAS coaching classes are implemented from the month of March 2016.

** Attach the Academic Calendar of the year as Annexure.*

2.16 Whether the AQAR was placed in statutory body Yes

☒

No

☐

Management

☒

Syndicate

☐

Any other body

☐

Provide the details of the action taken

- Offering 'Open Elective' courses at each school level in order to cater the needs of passionate students to take up the course of his/her interest.
- Students have been given academic relaxation / freedom to choose the subject and the teacher through secured students' portal; they also give their feedback through the same portal.
- More number of NSS activities is carried out through Student Development Cell (SDC) and Community Development Cell (CDC) of the University; Number of skill development programs/ certificate courses are enhanced.

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
Ph. D / M.Phil	5	-	-	-
PG	39	3	-	-
UG	20	-	-	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	4	3	-	37
Others	-	-	-	-
Total	68	6	-	37
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	60
Trimester	NIL
Annual	4

1.3 Feedback from stakeholders*Alumni ☒ Parents ☒ Employer ☒ 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. Last major revision of syllabus was carried out in the year 2015. Syllabus revision is done in the inferential period as and when necessary. Salient aspects of the syllabus: Choice Based Credit System, University (Open) Electives, Semester Abroad Program, Lateral - Vertical Mobility within and across programmes, courses and disciplines, Course Withdrawal system and authorised break of study, and inclusion of non-credit courses.

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

M. A English, M. Sc. Chemistry, M.Sc. Maths
M. Phil Mathematics
M.Tech Engineering Design

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
775	503	150	122	-

2.2 No. of permanent faculty with Ph.D.

238

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
95	-	-	-	-	-	-	-	95	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

26

7

-

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	1340	1120	597
Presented	1340	1120	597
Resource Persons	6	32	47

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

- Quiz
- Open Discussion
- Online hunt
- Reverse Engineering
- Brown bag
- Seminars
- Slide Presentations (through LCD / OHP), Audio-Visual Aids, Lecture Videos, Simulations, Charts

Apart from these classroom activities, students are also encouraged to visit R&D centers that are equipped with state-of-the-art high end equipments which enables the learners to acquire a practical knowledge, based on their curriculum aspects.

Extended 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.

Few other conducive methods are adopted by the staff members in inducing higher order thinking skills among students by prompting them with question-answer session at the end of lecture hour.

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:

- In the practical application of subject knowledge
- Towards creating innovative ideas on the subject
- In depth analysis of the theoretical framework

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 confidential.
- 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 end semester 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.
- University has embarked on a pilot project to conduct this year's exam for students using iPad and stylus.

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%
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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 :

- Internalization of the formats has been carried out by IQAC with regard to Audit, Innovative Teaching, skill matrix and feedback from the stakeholders.
- Academic Audit Scheduled and executed by the Deans of the respective Schools
- Conceptual level test is recommend to the Schools at the entry level to streamline the students
- Skill matrix is suggested to identify the potential of the students in their respective field of excellence based on the pre-set skills. Further, mentoring to be given to the betterment of their skills.
- Innovative Teaching methodology is emphasized and ensured among the teaching fraternity
- Remedial Measures were suggested for the slow learners as special classes during evening hours and preparatory holidays.
- Feedback from the stakeholders (students, alumni, industry experts and parents) are collected and appraised.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	178
UGC – Faculty Improvement Programme	23
HRD programmes	67
Orientation programmes	149
Faculty exchange programme	NIL
Staff training conducted by the university	323
Staff training conducted by other institutions	383
Summer / Winter schools, Workshops, etc.	736
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	1032	NIL	14	NIL
Technical Staff	154	NIL	15	NIL

Criterion – III

3. Research, Consultancy and Extension

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

- IQAC recommended the management to introduce incentives for publications in high impact factor journals and in highly cited journals at monthly intervals.
- 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	100	80	-	-
Outlay in	Rs. 20,32,76,447	Rs.25,22,53,580	-	-

Rs. Lakhs				
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3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	22	6	-	-
Outlay in Rs. Lakhs	Rs.68,89,489	Rs.18,98,000	-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	9110	-	-
Non-Peer Review Journals	-	-	-
e-Journals	-	-	-
Conference proceedings	-	-	-

3.5 Details on Impact factor of publications:

IF Range 0.01 - 8.23 Average CI Range 1 - 337 h-index 38 Nos. in SCOPUS 4508

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	-	BRNS, DRDO, ISRO, DBT, ICMR, MoEF, BRFST, AERB, NRDMS, NIWE	25,22,53,580	25,22,53,580
Minor Projects	-	IGCAR, ISRO, DST, AICTE, NAM S&T	18,98,000	18,98,000
Interdisciplinary Projects		IGCAR, ADE, DAE, DST, MINISTRY OF STEEL, VSSC - ISRO	6,46,91,567	6,46,91,567
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects (other than compulsory by the University)				
Any other(Specify)				
Total				

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

ii) Without ISBN No.

3.7 No. of University Departments receiving funds from

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

3.8 For colleges

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

3.9 Revenue generated through consultancy

3.10 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	37	58	-	-	-
Sponsoring agencies	DRDO, CVRDE, DST, CSIR, IGCAR				

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

3.12 No. of collaborations International National Any other

3.13 No. of linkages created during this year

3.14 Total budget for research for current year in lakhs :

From Funding agency	<input type="text" value="Rs. 18,54,13,480"/>
From Management of University/College	<input type="text" value="Rs. 12,60,00,000"/>
Total	<input type="text" value="Rs. 31,14,13,480"/>

3.15 No. of patents received this year

Type of Patent		Number
National	Applied	47
	Granted	6
International	Applied	
	Granted	
Commercialised	Applied	
	Granted	

3.16 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year

Total	International	National	State	University	Dist	College
	9	60	2	--	-	--

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

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

3.19 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)
JRF SRF Project Fellows Any other

3.20 No. of students Participated in NSS events: 150

University level State level
National level International level

3.21 No. of students participated in NCC events: 100

University level State level
National level International level

3.22 No. of Awards won in NSS: Nil

University level State level
National level International level

3.23 No. of Awards won in NCC: Nil

University level State level
National level International level

3.24 No. of Extension activities organized

University forum College forum

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

The University as a part of its regular academic curricular activities insists a sense of institutional social responsibility to its faculty and students. The outcome of such sensitization has resulted in several outreach programs and activities. A few are highlighted below:

Various training programmes have been organized for the corporate from different industries every year on several aspects of science and technology. Conceptual and practical sessions are handled by our expert faculty. The programs are framed on the current trends of the user community. The university has conducted around 25 such programmes in the recent past.

Awareness Camps were conducted in the adopted villages wherein Women day, Voter Id card, wealth out of waste, tree plantation were held through Student Development Cell (SDC) and Community Development Cell (CDC) of Sathyabama University. Mass Rapid Transit System (MRTS) was adorned with wall painting by the University students as part of beautifying Thiruvanmiyur station, Chennai.

Engineers from nuclear industries are trained by Centre for NDE to understand the basic principles of various NDT methods, discontinuities in different product forms, importance of NDT, applications, limitations of NDT methods and techniques and codes, standards and specifications related to non-destructive testing technology. NDT conducts certification programs for welders.

Workshops and training programmes are conducted for scientists using specialized softwares. The objective of such programmes is to train the participants in planning and implementation of information systems projects.

Remote Sensing Centre invites school students from the rural areas of Kanchipuram district for creating awareness on remote sensing and GIS.

Through this programme the basic principles of electromagnetic spectrum and intriguing basic principles of physics including satellite technology are taught to the students. As a part of ISR the centre has created community awareness on protection of natural resources by optimizing the technological approaches that would ensure sustainable development. Such programmes are conducted throughout the year for the benefit of the society.

Our University has organized several workshops for the self help group, unemployed women on computer literacy like Tally, MS office to enable them to equip them with basic e-knowledge.

Programs are organized on mushroom cultivation, handicrafts, food processing and on cottage industry products to empower women to become micro entrepreneurs. Also awareness is created on government schemes for acquiring soft loans, avenues available for small businesses, time management and financial literacy.

The University houses a Technology Business Incubator through which it serves the nearby rural community by providing skill development and promoting employment opportunities.

The TBI provides infrastructure and financial support to unemployed youth who have innovative ideas this enables them to incubate their idea and become independent entrepreneurs.

The University provides services to the marginalized and down trodden community of the nearby coastal villages. Fisherwomen from the coastal areas are trained in seaweed cultivation for alternative livelihood. Thus the above are some of the outreach programmes that our University has integrated with academic curriculum.

INTERNATIONAL YOGA DAY:

The United Nations has declared 21 Jun as the International Day of Yoga. As per the Honorable Prime Minister's directions, NCC cadets across the country have to participate in this event and set a world record (Guinness & Limca). As directed, Sathyabama University NCC Air Wing organized the Yoga Day program for Air cadets, 50 cadets participated and benefited.

CAMPS: The following camps were attended by Air Wing NCC cadets during this year:

SL NO	CAMPS	DATE	NO OF CADETS	PLACE
1.	Inter Group Competition *	03-12 Aug 15	05	Tiruppur
2.	Vayu Sainik Camp -Training	01-10 Sep 15	05	Pondicherry
3.	Vayu Sainik Camp -Launch	26 Sep 15 to 05 Oct 15	04	Tambaram
4.	All India Vayu Sainik Camp **	08-19 Oct 15	04	Jodhpur, Rajasthan

5.	Combined Annual Training Camp	18-27 Feb 16	18	Kanchipuram
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Inter Group Competition (Tamil Nadu state level competition):

The cadets won laurels to Sathyabama University & Unit by winning team trophies and individual medals in Inter Group Competition. Overall the unit has been adjudged the Best Flying Squadron. Cdt. Cowsalya and Cdt. Amal Raj came third & fourth position in flying respectively. Cdt. Srihari won third position in 0.22" Firing and Cdt. Alok won third position in Skeet Shooting.

All India Vayu Sainik Camp (All India level competition):

Cdt. Amal Raj won ALL INDIA BEST PILOT - Bronze Medal in AIVSC-2015, Jodhpur in Flying Competition. Cdt. Alok won Skeet Shooting - Silver Medal and Tent Pitching Third position in AIVSC-2015, Jodhpur.

Independence Day / Republic Day:

As a part of Independence Day and Republic day flag hoisting was done by Honorable Chancellor Col. Dr. JEPPIAAR ,followed by the march past by NCC cadets. The Chief Guest was honored by NCC cadets.

NCC Certificate Exams:

'B' Certificate exam conducted on 20 Feb 2016 by NCC Group Head Quarters was successfully completed by 13 cadets of NCC Air Wing.

'C' certificate exam conducted on 27 Mar 2016 by NCC Group Head Quarters was successfully completed by 10 cadets of NCC Air Wing.

Social Activities:

Coastal Cleaning: To create awareness to the cleanliness and to show the social responsibilities of cadets, the NCC Air Wing in association with 1 TN Air Squadron NCC organized coastal cleaning program at Kovalam beach, on 06 Mar 2016.

Tree Plantation: In memory of our former President and Scientist Dr.APJ ABDUL KALAM and on the eve of Independence Day our university NCC cadets planted 100 tree siblings each around the university campus.

Blood Donation: In coordination with "Indian Red Cross Society", Tamil Nadu branch our university NCC Air Wing cadets donated blood on 27 Jul 2016. Cadets rendered a splendid social service of high order; this noble gesture was highly appreciated by Indian Red Cross Society.

Swachh Bharath Campaign - Every Week:

National cleaning campaign under the title “SWACHH BHARATH CAMPAIGN” is being conducted in university campus to keep our environment clean. The NCC Air Wing cadets of Sathyabama University are more involved in the cleaning process every week.

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	134 acres			134
Laboratories	117	1	Funds from sponsoring trust	118
Boys Hostel	4	1		5
PG Mess Hall	Ground floor	I & II floor		G+ 2 floors
Concrete Road	-	Campus wide Interconnecting all the blocks		Campus wide Interconnecting all the blocks
No. of important equipments purchased (≥ 1 -0 lakh) during the current year.	315	15	Funds from sponsoring trust (385 Lakhs) & Sponsoring Agencies (1766 lakhs)	330
Value of the equipment purchased during the year (Rs. in Lakhs)	2089	62		2151
Others				

4.2 Computerization of administration and library

The library has exclusive reading, reference sections in additions to the Digital Library with N-computing 120 systems. Dedicated 400 systems are allotted for Administration

4.3 Library services:

	Total	
	No.	Value
Text Books	310040	142913835
Reference Books	23732	
e-Books	1442	
Journals	225	339247
e-Journals	6300	5914526
Digital Database		
CD & Video	1585	
Others (specify)		
Back volumes	2346	
Proceedings	36	

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	3000	26	-	-	-	-	-	-
Added	-	1	-	-	-	-	-	-
Total	3000	27	-	-	-	-	-	-

4.5 Computer, Internet access, training to teachers and students and any other programme for technology up gradation (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 was 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, and 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 Developments 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 **FLSmith** which helps our students to get Industrial exposure through industrial visits and knowledge sharing.
- **EmersonAutomation** 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
13373	604	87	10

(b) No. of students outside the state

7902

(c) No. of international students

7

Men	No	%	Women	No	%
	10064	71.5		3987	28.5

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
6672	437	7	6782	31	1410	6484	482	7	692	45	14074
		4			0			8	2		

Demand ratio 1:65 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 the academic year 2015-2016:

Sl. No	Course / Seminar	Duration	Fees	Resource Person
1	GERMAN	60 hours	5,500	Mr. Saravana Kumar / SIEG Language Centre, Chennai.
2	GRE	48 hours	12,990	Score Getter Pvt Ltd., Chennai.
3	VEDIC ENGINEERING	August 2016 September 2016	300	Dr. V J K Kishor Sonti, Assistant Professor, Dept of ECE.
4	GRE / TOEFL / Admission Procedures in US Universities	July 28, 2016 3 rd year 10 to 12 2 nd year 1.30 to 3.30	NIL	Mr. Gopinath Jamboree Education Private Ltd., Chennai
5	Ice breaking session on GATE 2017	August 3, 2016 3 rd year 10 to 12 2 nd year 1.30 to 3.30	NIL	GATEFORUM
6	Ice breaking session on HIGHER STUDIES ABROAD	August 11, 2016	NIL	Mr. Gigeo Sakkaryas, Director, IMTP Overseas Educational Consultants
7	How to prepare for Civil Services Examinations?	August 17, 2016	NIL	Mr. S. Balamurugan Bala Director, GS Academy (IAS / IPS), Chennai
8	CAT 2016 / CAT 2017 / QA Workshop / Verbal Workshop	September 2, 2016 3 rd year 10 to 12 2 nd year 1.30 to 3.30	NIL	Ms. Shilpa Bhatia, Faculty & Business Head Career Launcher India Limited

Sl. No.	Date	Branches	Trainer	Module
1	01.06.2015	Aero, Auto, Mech, M&P, Civil, E &C, EEE, Chem, Bio Med - 2016 Batch	IMS / VistaMind	CAT & SS
2	02.06.2015	Aero, Auto, Mech, M&P, Civil, E &C, EEE, Chem, Bio-Med, Bio-Info, Bio-Tech, ECE, IT - 2016 Batch	IMS / VistaMind	CAT & SS

3	03.06.2015	Aero, Auto, Mech, M&P, Civil, E &C, EEE, Chem, Bio-Med, Bio-Info, Bio-Tech, ECE, IT- 2016 Batch	IMS / VistaMind	CAT & SS
4	16.06.2015	All B.E/B.Tech - 2016 Batch	ebek & TalentSprint	BEC / VERSANT orientation & Diagnostic test
5	17.06.2015	Bio-Info, Bio-Tech, ECE, IT - 2016 Batch	IMS / VistaMind	CAT & SS
6	18.06.2015	Bio-Info, Bio-Tech, ECE, IT - 2016 Batch	IMS / VistaMind	CAT & SS
7	19.06.2015	Bio-Info, Bio-Tech, ECE, IT - 2016 Batch	IMS / VistaMind	CAT & SS
8	20.06.2015	Bio-Info-Bio-Tech, ECE, IT - 2016 Batch	IMS / VistaMind	CAT & SS
9	22.06.2015	ECE, EEE, Bio Info, Bio Med - 2017 Batch	IMS / VistaMind	CAT Training
10	23.06.2015	Mech, M&P, Aero, Auto - 2017 Batch	IMS & VistaMind	CAT Training
11	24.06.2015	Civil, IT - 2017 Batch	IMS & VistaMind	CAT Training
12	24.06.2015	All CAT students - 2016 Batch	Ebek, Stride /TalentSprint	BEC training
13	24.06.2015	All PAT students - 2016 Batch	eHelium/Innovative	Tech & SS
14	25.06.2015	CSE, Bio Tech, Chem - 2017 Batch	IMS / VistaMind	CAT Training
15	25.06.2015	All CAT students - 2016 Batch	Ebek, Stride / TalentSprint	BEC training
16	25.06.2015	All PAT students - 2016 Batch	eHelium/Innovative	Tech & SS
17	26.06.2015	ETCE, EIE, E&C - 2017 Batch	IMS & VistaMind	CAT Training
18	26.06.2015	All CAT students - 2016 Batch	Ebek, Stride & TalentSprint	BEC training
19	26.06.2015	All PAT students - 2016 Batch	eHelium/Innovative	Tech & SS
20	27.06.2015	All CAT & PG students - 2016 Batch	Alumni	Mock Interview
21	27.06.2015	All PAT students - 2016 Batch	eHelium/Innovative	Tech & SS

22	28.06.2015	All CAT & PG students - 2016 Batch	Alumni	Mock Interview
23	29.06.2015	All CAT students - 2016 Batch	Ebek, Stride & TalentSprint	BEC training
24	29.06.2015	All PAT students – 2016 Batch	Innoart /Innovative	Tech & SS
25	02.07.2015	All PAT students – 2016 Batch	Innoart /Innovative	Tech & SS
26	03.07.2015	All PAT students – 2016 Batch	Innoart /Innovative	Tech & SS
27	04.07.2015	All PAT students – 2016 Batch	Alumni	Mock Interview
28	06.07.2015	IMS CAT students – 2016 Batch	IMS	CAT Training
29	06.07.2015	PAT students – 2016 Batch	Innoart	Tech Training
30	06.07.2015	ECE, EEE, Bio Info, Bio Med – 2017 Batch	Vista Mind	CAT Training
31	07.07.2015	Vista Mind CAT students – 2016 Batch	VistaMind	CAT Training
32	07.07.2015	PAT students – 2016 Batch	Innoart	Tech Training
33	07.07.2015	Mech, M&P, Aero, Auto – 2017 Batch	IMS	CAT Training
34	08.07.2015	Civil, IT – 2017 Batch	IMS	CAT Training
35	09.07.2015	CSE, Bio Tech, Chem – 2017 Batch	IMS / VistaMind	CAT Training
36	10.07.2015	ETCE, EIE, E&C – 2017 Batch	VistaMind	CAT Training
37	10.07.2015	All CAT students - 2016 Batch	Cognizant	Mock Interview
38	11.07.2015	All CAT students - 2016 Batch	IMS / VistaMind	CAT Training
39	11.07.2015	PAT students – 2016 Batch	Sathyabama	Test
40	16.07.2015	IMS CAT students - 2016 Batch	IMS / eHelium	CAT & Tech
41	16.07.2015	PAT students – 2016 Batch	Innovative Solutions	CSAC
42	17.07.2015	VistaMind CAT students - 2016 Batch	IMS / eHelium	CAT & Tech
43	17.07.2015	PAT students – 2016 Batch	Innovative Solutions	CSAC
44	18.07.2015	All CAT students - 2016 Batch	Sathyabama	Test

45	19.07.2015	PAT students – 2016 Batch	Innovative Solutions	CSAC
46	20.07.2015	IMS CAT students - 2016 Batch	IMS / eHelium	CAT & Tech
47	20.07.2015	PAT students – 2016 Batch	Innovative Solutions	CSAC
48	20.07.2015	ECE, EEE, Bio Info, Bio Med – 2017 Batch	Vista Mind	CAT Training
49	21.07.2015	VistaMind CAT students - 2016 Batch	VistaMind / eHelium	CAT & Tech
50	21.07.2015	PAT students – 2016 Batch	Innovative Solutions	CSAC
51	21.07.2015	Mech, M&P, Aero, Auto – 2017 Batch	IMS	CAT Training
52	22.07.2015	Civil, IT – 2017 Batch	IMS	CAT Training
53	23.07.2015	CSE, Bio Tech, Chem – 2017 Batch	IMS / VistaMind	CAT Training
54	25.07.2015	All CAT students - 2016 Batch	VistaMind / eHelium	CAT & Tech
55	25.07.2015	All PAT students – 2016 Batch	Infosys	Mock Interview
56	26.07.2015	All PAT students – 2016 Batch	Innovative Solutions	CSAC
57	26.07.2015	All CAT students - 2016 Batch	Sathyabama	Test
58	30.07.2015	IMS CAT students - 2016 Batch	IMS / eHelium	CAT & Tech
59	30.07.2015	All PAT students – 2016 Batch	Innovative Solutions	CSAC
60	31.07.2015	VistaMind CAT students - 2016 Batch	IMS / eHelium	CAT & Tech
61	31.07.2015	All PAT students – 2016 Batch	Innovative Solutions	CSAC
62	01.08.2015	All CAT students – 2016 Batch	IMS / VistaMind & eHelium	High Intensity Program & CSAC
63	01.08.2015	All PAT students – 2016 Batch	Sathyabama	Test
64	02.08.2015	All CAT students – 2016 Batch	Sathyabama	Test
65	06.08.2015	All CAT students – 2016 Batch	IMS / VistaMind & eHelium	High Intensity Program & CSAC
66	10.08.2015	ECE, EEE, Bio Info, Bio Med – 2017 Batch	VistaMind	CAT Training

67	11.08.2015	Mech, M&P, Aero, Auto – 2017 Batch	IMS	CAT Training
68	12.08.2015	Civil, IT – 2017 Batch	IMS	CAT Training
69	13.08.2015	CSE, Bio Tech, Chem – 2017 Batch	IMS / VistaMind	CAT Training
70	14.08.2015	ECE, EEE, Bio Info, Bio Med – 2017 Batch	Vista Mind	CAT Training
71	14.08.2015	All CAT students – 2016 Batch	IMS / VistaMind & eHelium	High Intensity Program & CSAC
72	17.08.2015	All CAT students – 2016 Batch	IMS / VistaMind & eHelium	High Intensity Program & CSAC
73	17.08.2015	ECE (ABC), EIE, E&C, Bio Info, Bio Med, CSE(AB) – 2018 Batch	VistaMind / Innovative	CAT / GRE / PAT training
74	18.08.2015	Mech, M&P, Aero, Auto – 2018 Batch	IMS / Innovative	CAT / GRE / PAT training
75	18.08.2015	All CAT & PAT students – 2016 Batch	IMS / VistaMind / Innovative	Soft Skill & High Intensity Program
76	19.08.2015	CSE (CDEGH) - 2018 Batch	IMS / Innovative	CAT / GRE / PAT training
77	19.08.2015	All CAT & PAT students – 2016 Batch	IMS / VistaMind / Innovative	CSAC
78	20.08.2015	IT, Chem, Bio Tech, Civil – 2018 Batch	VistaMind / Innovative	CAT / GRE / PAT training
79	20.08.2015	All CAT & PAT students – 2016 Batch	IMS / VistaMind / Innovative	CSAC
80	21.08.2015	ECE(DEG), EEE, ETCE – 2018 Batch	IMS / Innovative	CAT / GRE / PAT training
81	21.08.2015	All CAT & PAT students – 2016 Batch	IMS / VistaMind / Innovative	CSAC
82	24.08.2015	All CAT & PAT students – 2016 Batch	IMS / VistaMind / Innovative	CSAC
83	24.08.2015	ECE, EEE, Bio Info, Bio Med – 2017 Batch	VistaMind / Innovative	CAT / PAT Training
84	25.08.2015	Mech, M&P, Aero, Auto – 2017 Batch	IMS / Innovative	CAT / PAT Training
85	26.08.2015	Civil, IT – 2017 Batch	IMS / Innovative	CAT / PAT Training

86	27.08.2015	CSE, Bio Tech, Chem – 2017 Batch	VistaMind / Innovative	CAT / PAT Training
87	28.08.2015	ECE, EEE, Bio Info, Bio Med – 2017 Batch	IMS / Innovative	CAT / PAT Training
88	31.08.2015	ECE(DEG), EEE, ETCE – 2018 Batch	IMS / Innovative	CAT / GRE / PAT training
89	01.09.2015	Mech, M&P, Aero, Auto – 2018 Batch	IMS / Innovative	CAT / GRE / PAT training
90	02.09.2015	CSE(CDEGH) - 2018 Batch	IMS / Innovative	CAT / GRE / PAT training
91	07.09.2015	ECE, EEE, Bio Info, Bio Med – 2017 Batch	VistaMind / Innovative	CAT / PAT Training
92	08.09.2015	Mech, Mnp, Aero, Auto – 2017 Batch	IMS / Innovative	CAT / PAT Training
93	09.09.2015	Civil, IT – 2017 Batch	IMS / Innovative	CAT / PAT Training
94	10.09.2015	CSE, Bio Tech, Chem – 2017 Batch	IMS / VistaMind / Innovative	CAT / PAT Training
95	11.09.2015	ECE, EEE, Bio Info, Bio Med – 2017 Batch	VistaMind / Innovative	CAT / PAT Training
96	12.09.2015	CSE, Bio Tech, Chem – 2017 Batch	IMS / Innovative	CAT / PAT Training
97	14.09.2015	ECE, EEE, Bio Info, Bio Med – 2017 Batch	VistaMind / Innovative	CAT / PAT Training
98	15.09.2015	Mech, Mnp, Aero, Auto – 2017 Batch	IMS / Innovative	CAT / PAT Training
99	16.09.2015	Civil, IT – 2017 Batch	IMS / Innovative	CAT / PAT Training
100	18.09.2015	ECE, EEE, Bio Info, Bio Med – 2017 Batch	VistaMind / Innovative	CAT / PAT Training
101	30.09.2015	CSE(CDEGH) - 2018 Batch	IMS / Innovative	CAT / GRE / PAT training
102	07.10.2015	ECE(DEG), EEE, ETCE – 2018 Batch	IMS / Innovative	CAT / GRE / PAT training
103	03.02.2016	Civil, IT – 2017 Batch	IMS / Innovative	CAT / PAT Training
104	04.02.2016	CSE, Bio Tech, Chem – 2017 Batch	IMS / Innovative	CAT / PAT Training
105	05.02.2016	ECE (ADE) ,ETCE, EIE, E&C – 2017 Batch	VistaMind / Innovative	CAT / PAT Training
106	06.02.2016	ECE(BC), EEE, Bio Info, Bio Med – 2017 Batch	VistaMind / Innovative	CAT / PAT Training
107	08.02.2016	ECE (ABC), EIE, Bio Info, Bio Med, CSE(AB) – 2018 Batch	IMS / Innovative	CAT / GRE / PAT training
108	09.02.2016	Mech, M&P, Aero, Auto – 2018 Batch	IMS / Innovative	CAT / GRE / PAT training

109	10.02.2016	CSE(CDEGH) - 2018 Batch	IMS / Innovative	CAT / GRE / PAT training
110	11.02.2016	IT, Chem, Bio Tech, Civil – 2018 Batch	VistaMind / Innovative	CAT / GRE / PAT training
111	12.02.2016	ECE(DEG), EEE, ETCE – 2018 Batch	IMS / Innovative	CAT / GRE / PAT training
112	13.02.2016	IT, Chem, Bio Tech, Civil – 2018 Batch	VistaMind / Innovative	CAT / GRE / PAT training
113	15.02.2016	ECE(BC), EEE, Bio Info, Bio Med – 2017 Batch	VistaMind / Innovative	CAT / PAT Training
114	16.02.2016	Mech, M&P, Aero, Auto – 2017 Batch	IMS / Innovative	CAT / PAT Training
115	17.02.2016	Civil, IT – 2017 Batch	IMS / Innovative	CAT / PAT Training
116	18.02.2016	CSE, Bio Tech, Chem– 2017 Batch	IMS / Innovative	CAT / PAT Training
117	19.02.2016	ECE(ADE), EEE, Bio Info, Bio Med – 2017 Batch	VistaMind / Innovative	CAT / PAT Training
118	20.02.2016	Mech, M&P, Aero, Auto – 2017 Batch	IMS / Innovative	CAT / PAT Training
119	22.02.2016	ECE (ABC), EIE, Bio Info, Bio Med, CSE(AB) – 2018 Batch	IMS / Innovative	CAT / GRE / PAT training
120	23.02.2016	Mech, M&P, Aero, Auto – 2018 Batch	IMS / Innovative	CAT / GRE / PAT training
121	24.02.2016	CSE(CDEGH) - 2018 Batch	IMS / Innovative	CAT / GRE / PAT training
122	25.02.2016	IT, Chem, Bio Tech, Civil – 2018 Batch	VistaMind / Innovative	CAT / GRE / PAT training
123	26.02.2016	ECE(DEG), EEE, ETCE – 2018 Batch	IMS / Innovative	CAT / GRE / PAT training
124	27.02.2016	ECE(DEG), EEE, ETCE – 2018 Batch	IMS / Innovative	CAT / GRE / PAT training
125	29.02.2016	ECE(BC), EEE, Bio Info, Bio Med – 2017 Batch	VistaMind / Innovative	CAT / PAT Training
126	01.03.2016	Mech, M&P, Aero, Auto – 2017 Batch	IMS / Innovative	CAT / PAT Training
127	02.03.2016	Civil, IT – 2017 Batch	IMS / Innovative	CAT / PAT Training
128	03.03.2016	CSE, Bio Tech, Chem– 2017 Batch	VistaMind / Innovative	CAT / PAT Training
129	04.03.2016	ECE (ADE) , ETCE, EIE, E&C – 2017 Batch	VistaMind / Innovative	CAT / PAT Training
130	07.03.2016	ECE (ABC), EIE, Bio Info, Bio Med, CSE(AB) – 2018 Batch	IMS / Innovative	CAT / GRE / PAT training
131	08.03.2016	Mech, M&P, Aero, Auto – 2018 Batch	IMS / Innovative	CAT / GRE / PAT training
132	09.03.2016	CSE(CDEGH) - 2018 Batch	IMS / Innovative	CAT / GRE / PAT training

133	10.03.2016	IT, Chem, Bio Tech, Civil – 2018 Batch	VistaMind / Innovative	CAT / GRE / PAT training
134	28.03.2016	ECE (ABC), EIE, Bio Info, Bio Med, CSE(AB) – 2018 Batch	IMS / Innovative	CAT / GRE / PAT training
135	28.03.2016	ECE(BC), EEE, Bio Info, Bio Med, Mech, M&P, Aero, Auto, Civil & IT – 2017 batch	eBek/ TalentSprint / Stride	BEC / VERSANT Training
136	29.03.2016	Mech, M&P, Aero, Auto – 2018 Batch	IMS / Innovative	CAT / GRE / PAT training
137	29.03.2016	CSE, Bio Tech, Chem, ECE(ADE), ETCE, EIE & ENC – 2017 batch	eBek/ TalentSprint / Stride	BEC / VERSANT Training
138	30.03.2016	CSE(CDEGH) - 2018 Batch	IMS / Innovative	CAT / GRE / PAT training
139	30.03.2016	ECE(BC), EEE, Bio Info, Bio Med, Mech, M&P, Aero, Auto, Civil & IT – 2017 batch	eBek/ TalentSprint / Stride	BEC / VERSANT Training
140	31.03.2016	IT, Chem, Bio Tech, Civil , EnC – 2018 Batch	VistaMind / Innovative	CAT / GRE / PAT training
141	31.03.2016	CSE, Bio Tech, Chem, ECE(ADE), ETCE, EIE & ENC – 2017 batch	eBek/ Talent Sprint / Stride	BEC / VERSANT Training
142	01.04.2016	ECE(DEG), EEE, ETCE – 2018 Batch	IMS / Innovative	CAT / GRE / PAT training
143	01.04.2016	ECE(BC), EEE, Bio Info, Bio Med, Mech, M&P, Aero, Auto, Civil & IT – 2017 Batch	eBek/ Talent Sprint / Stride	BEC / VERSANT Training
144	02.04.2016	CSE, Bio Tech, Chem, ECE(ADE), ETCE, EIE & ENC – 2017 batch	eBek/ Talent Sprint / Stride	BEC / VERSANT Training
145	04.04.2016	ECE(BC), EEE, Bio Info, Bio Med, Mech, M&P, Aero, Auto, Civil & IT – 2017 Batch	eBek/ Talent Sprint / Stride	BEC / VERSANT Training
146	05.04.2016	CSE, Bio Tech, Chem, ECE(ADE), ETCE, EIE & ENC – 2017 batch	eBek/ Talent Sprint / Stride	BEC / VERSANT Training
147	09.04.2016	IT, Chem, Bio Tech, Civil – 2018 Batch	VistaMind / Innovative	CAT / GRE / PAT training
148	11.04.2016	ECE (ABC), EIE, Bio Info, Bio Med, CSE(AB) – 2018 Batch	VistaMind / Innovative	CAT / GRE / PAT training
149	12.04.2016	Mech, M&P, Aero, Auto – 2018 Batch	IMS / Innovative	CAT / GRE / PAT training
150	13.04.2016	CSE(CDEGH) - 2018 Batch	IMS / Innovative	CAT / GRE / PAT training

151	15.04.2016	ECE(DEG), EEE, ETCE – 2018 Batch	IMS / Innovative	CAT / GRE / PAT training
152	30.05.2016	All PG	Innovative	Aptitude Training & SS
153	31.05.2016	All PG	Innovative	Aptitude Training & SS

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET SET/SLET GATE CAT GMAT

IAS/IPS etc State PSC UPSC Others

3436

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 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, JAVASCRIPT)

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/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

5400

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
160	1812	1636	125

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

75

National level

30

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	497	Rs. 4,50,00,000
Financial support from government	466	Rs. 1,16,19,360
Financial support from other sources		
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 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

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 members 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

The “International Research Centre (IRC) and “Research and Development Centre (RDC)” are the platforms of global competence in terms of infrastructure and research activity. Apart from these two various research centres are serving as the knowledge base and experimental forum for the academicians and researchers.

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	<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.• 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.
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Students	<ul style="list-style-type: none"> • 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 • Top 25 rank students are given full tuition fee waiver in entrance examination
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6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done

Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

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

6.8 Does the University/ Autonomous College declare 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 members 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.
- ‘Paperless’ concept has been initiated.
- ‘Payment Gateway’ has been introduced to the students to pay their course and hostel fees online.

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.
- Number of peer reviewed publications has been increased .more number of R&D projects have been sanctioned.
- Incentives for publications in high impact factor journals and in highly cited journals at monthly intervals. Green measures at each School, admission to acid victims, disabled students, etc
- Number of skill development courses, certificate courses viz., laptop servicing, organic farming, digital marketing, photography, etc.
- University Open electives with interdisciplinary topics are introduced in the new 2015 regulation.
- Parents are intimated with their wards progress on daily basis.

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
- Lab-Stock entry, hostel – online entry, auditorium booking system

****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.
- Within the campus, trans car facility is encouraged.
- More number of trees have been planted and taken care by NSS/CDC/SDC students.

7.5 Whether environmental audit was conducted? Yes No

☒☐

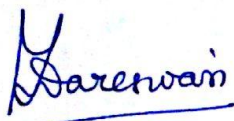
7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

- 1 Highly motivated and committed faculty members with young talented students; this team made our Founder Chancellors's dream "Sathyabama Nanosat" to come true and it has been launched successfully with the support of prestigious R&D agency ISRO, Government of India.
- 2 Huge resources for research; more than ten R&D centres with the state-of the art facility within the campus, Funding from major Government agencies.
- 3 Students are trained to excel in academics, R&D, co-curricular, extracurricular, placement and societal activities.
- 4 A lot of opportunity to do research in energy, rocket science, drug, nano, etc.
- 5 Increasing students' strength.
- 6 To achieve 100% placement in all the branches of study.

8. Plans of institution for next year


- 1 To achieve the dream of "PAPERLESS UNIVERSITY"
- 2 To make use of the data from Sathyabama Nano Satellite launched in association with ISRO for the nation's progress
- 3 To encourage more socio conscious activities through NSS, YRC and NCC.
- 4 To maintain the good placement record
- 5 To strengthen and polarize the student development club activities for more societal development
- 6 Encouraging the staff members to work towards project proposals
- 7 To make use of advancements in technology for serving students and parents
- 8 To ensure the technical and ethical manpower is produced for the society

Name: (Dr. M. Sundareswari)



Signature of IQAC Co-ordinator

Name: (Dr. B. Sheela Rani)



Dr. B. Sheela Rani M.S (By Research), Ph.D
Vice Chancellor
Sathyabama University
Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai-600 119

Signature of Chair Person, IQAC