Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY**
Name of the head of the Institution	**Dr. S. SUNDAR MANOHARAN**
Designation	**Vice Chancellor**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**04424503243**
Mobile no.	**9444238423**
Registered Email	**registrar@sathyabama.ac.in**
Alternate Email	**sssrau@gmail.com**
Address	**JEPPIAAR NAGAR, RAJIV GANDHI SALAI**
City/Town	**CHENNAI**
State/UT	**Tamil Nadu**
Pincode	**600119**

2. Institutional Status

University	**Deemed**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**private**
Name of the IQAC co-ordinator/Director	**Dr. ANIMA NANDA**
Phone no/Alternate Phone no.	**04424503804**
Mobile no.	**9443786840**
Registered Email	**iqac@sathyabama.ac.in**
Alternate Email	**animananda72@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.sathyabama.ac.in/sitepagetwo.php?firstref=204

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://files.sathyabamauniversity.ac.in/calendar18_19/Even%20Semester%20Academic%20Calender.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
2	**A**	**3.09**	**2017**	**12-Sep-2017**	**11-Sep-2022**

6. Date of Establishment of IQAC	**03-Jul-2007**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries

New syllabus revision pertaining to year 2019-2023	05-Jun-2018 300	300
Review on teaching learning resources	05-Jun-2018 300	1059
Review on teaching learning process	05-Jun-2018 300	300
Student and Faculty Exchange Program	05-Jun-2018 365	350
Academic and Administrative Audit Committee	17-Aug-2018 3	15
International Collaborations and MoUs	06-Jun-2018 365	1059
ARIIA Ranking, QS Ranking, Times Higher Education Ranking	01-Oct-2018 60	120
ISO 9001:2015 audit	01-Oct-2018 60	1059
CBCS and Outcome based Education	06-Jun-2018 365	120
NBA Accreditation, NIRF Ranking,	01-Oct-2018 240	120
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8. Provide the list of Special Status conferred by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Department of Biotechnology	FIST	DST	2012 1825	8000000
Department of Computer Science	FIST	DST	2018 1825	5600000
Department of Computing	FIST	DST	2014 1825	2200000
Department of Physics	FIST	DST	2015 1825	7400000
Centre for Earth Sciences and Technology Cell, (South nodal zone Marine Resources)	Marine Biotechnology	MoES	2019 1825	33000000
MHRD-Unnat Bharat Abhiyan	UBA	MHRD- IIT Delhi	2018 365	700000
NMEICT-, IIT	'PanditMadan	MHRD	2019	0

Bombay remote centre	Mohan Malaviya National Mission on Teachers and Teaching' (PMMMNMTT)		1825	
Centre of Excellence for energy Research	FAST	MHRD	2014 2190	40000000
Vocational courses on Skill Development Program	Skill Developement	UGC	2019 1825	0
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	**4**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

12. Significant contributions made by IQAC during the current year(maximum five bullets)

• Conducted Faculty review symposium. More than 600 faculty research profile has been displayed. • IQAC assisted for introducing of new programs and curriculum designing in : 1) LLB 3 Years Course 2) B. E. Design 4 Years Course 3) BPharmacy and D Pharmacy Course 4) School of Nursing • Student and Faculty exchange Program through Erasmus plus and Mevlana Exchange Program. • IQAC assisted the NBA (Washington Accord) review process for two department namely Electronic and Communication Engineering (ECE) and Mechanical Engineering (Mech.). • Research funding projects and Publication numbers in Scopus and web of Sciences has increased from 2018 to 2019, which shows a quality progress • IQAC projected new verticals in teaching and learning resources as a result Industrial Robotics and Next Generation Laboratory has been installed and currently it has been used by the students.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
• Infrastructure development towards General Facilities	• The infrastructure including, induction of additional HT line with 11kVA capacity, mega classrooms, and amenities for extra and Co-curricular activities was done to upgrade the facilities. • Elevation of passageway connectivity
• To Introduction of 2019 regulations for the block year 201923 academic programme	• The institution have introduced 2019 regulations for the block year 201923 to our academic programme, with specific emphasis on Industry version 4.0. A new course exclusively on I4.0 is mandatory for the entire B Tech students to aid interdisciplinary research.
• Introduction of new School	The School of Pharmacy" which was inaugurated with the approval of AICTE in the academic year 2018 – 19.
• Design of Curriculum to Introduction of New courses in the consecutive years	• We have designed curriculum to launch New courses in the academic year 2019-2020 which includes i) Bachelor of Design, ii) 3 year LL.B course, iii) B.Pharm and D.Pharm courses, iv) B.Sc. Information and Data Sciences v) M.Sc. Material Science course.
• Renewal of Accreditations	• The COA – Council of Architecture, Dental Council of India, Bar Council of India and Pharmacy Council of India have renewed and approved their accreditation for the respective courses for the next academic year.
• Research and Development Progress	• Ministry of Earth Sciences Funded 3.3 Crore "Center for Earth Sciences and Technology Cell" for Marine Biotechnological studies in association with NIOT Chennai and CMLRE Cochin. • DBT (Govt.of India) sponsored One year PG Diploma Course on Skill Development in Fishery Food Products Technology -2019 was inaugurated this year, with fellowship grants extended by DBT. • Our Institute is selected as one of the nodal campus for -NMEICT-, IIT Bombay remote centre to engage in lecture series and workshops to benefit the faculty and staff of neighboring institutions around our campus • We have partnered with MHRD in hosting MHRD funded World's Biggest Smart India Hackathon. We were one among the 48

	Institutions in India and one among the 6 Institutions in Tamil Nadu to organize this event for providing solutions posted by the Ministry of Civil Aviation and Ministry
• Towards NIRF Ranking - National Institutional Ranking Framework	• Under the NIRF - National Institutional Ranking Framework, MHRD has ranked Sathyabama in the 41st position in the University category, 47th Position in the Engineering category and Sathyabama has figured amongst the Top 50 institutions for the fourth consecutive time.
• Towards QS Rating – Quacquarelli Symonds (QS)	• Sathyabama Institute of Science and Technology was awarded with 4 Star Rating by QS – Quacquarelli Symonds (QS), and has been awarded with QS I-Gauge Diamond rating for overall excellence.
• Towards Times Higher Education Ranking.	• The institution has also been ranked 351+ among the Asian Universities by Times Higher Education.
• Infrastructure development towards Research and Academy	• In the presence of our AICTE Chairman, Today we also take immense pleasure to dedicate the "Next Generation Laboratory", a new initiative taken by our management to empower the students in VR, AR, AI, IoT and in Block Chain. • The School of Mechanical Engineering was equipped with "Industrial Robot" by the generous funding of our management. • We also have a new facility dedicated for Agriculture Crop –Pest Interaction Research facility.
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14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Board of Management	**21-Jul-2019**

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**No**

16. Whether institutional data submitted to AISHE:	**Yes**

Year of Submission	**2019**

Date of Submission	22-Feb-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	The various methods of the institutions information system benefit the students, staffs, parents and other applicants. This information system includes major in Staff information system and Student information system, Institute Communication System, Online fees Payment, Online counseling, Attendance Management System etc. ? Staff information system The details of our staff members are available in staff information system. It includes their personal details and official details. The department head is given with department login and password where he/she can update their staff's information such as academic publications, workshop attended/conducted, faculty development program attended/conducted, national/international conferences attended/conducted and many more. ? Student information system Parent's / Students can login using the register number and Date of birth to view the academic performance. It includes the personal details and academic details. Any changes in the personal information such as change of address, phone number will done only through proper channel. Student's achievement, awards and publication will be available through this information system. ? Institute Communication System Our institute provides communication through message and email for our students, parents and staff members. Students will get the information's for online fee payment, examination timetable, results, holidays, events to be conducted and commencement of placement classes. ? Online fees Payment Our institute affords online payment for tuition fees, hostel fees, examination fees, arrear fees for students via online banking transaction using Net banking. ? Choice Based Staff Selection Students can select the staff members based on their willingness. Intra department selection is available for students. Students will have a wide knowledge for

	gathering information according to their academic expectations from various faculty members. ? Attendance Management System Faculty workload and timetable are collected from various schools and updated in the system. Every faculty is given with a username and password, through which the attendance for their respective class has to be uploaded. The student can view their attendance through student website.

Part B