



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY (DEEMED TO BE UNIVERSITY)



ANNUAL REPORT
2017 - 2018

With the Blessings of



Col. Dr. JEPPIAAR, M.A., B.L., Ph.D.
Founder Chancellor

Message

Dr. MARIAZEENA JOHNSON

B.E., MBA., M.Phil., Ph.D.

Pro Chancellor

Dr. MARIE JOHNSON

B.E., MBA., M.Phil., Ph.D.

Vice President

Sathyabama Institute of Science and Technology is an internationally recognized Educational Institution with academic and research excellence. The Institution offers multi-disciplinary and holistic education to international standards. We believe that teaching and research are equally important for higher educational Institutions.

We are happy that Sathyabama is ranked in the 44th position among Universities in India by National Institutional Ranking Framework (NIRF) 2017 for the first time. We are also featured in the Global rankings by times Higher Education. We are proud that our Institution has been accredited with A Grade by the National Accreditation and Assessment Council. Sathyabama as an Institution has grown over the years in terms of Teaching and research.

We congratulate and appreciate the genuine hard work of our entire faculty, students and other staff who have contributed to the development of the Institution.

Foreword

We are proud to publish the “Annual Report, 2017-2018” which provides a brief activities and the achievements of our Institution in terms of Infrastructure, teaching Learning, research and other Major Activities.

The Institution has developed a very good research infrastructure with excellent laboratories and advanced research facilities. Seed grant is provided by the Institution to faculty and students with innovative product ideas. The publications have increased over the years. Our Institution

I would like to acknowledge the support of all the stake holders in the growth and development of our Institution. I express my sincere thanks to all the funding agencies, National and International collaborators and other supporting agencies, who are working with us to achieve our mission.

I take this opportunity to thank our management for their guidance and support in all our activities.

I thank the Teaching Faculty, Research Scientists, Partnering Institutions, Students and other stake holders for their support that makes our Institution to excel in research

VICE CHANCELLOR

Steering Committee

- Dr K V Narayanan **Vice Chancellor**
- Dr. T. SASIPRABA, **Pro Vice Chancellor**
- Dr. S.S.RAU, **Registrar**
- Dr Sheela rani, **Director - Research**
- Dr. G. SUNDARI, **Dean Student Affairs**
- **Dr E Logashanmugam, Dean Staff Affairs**
- Dr. S. IGNI SABASTI PRABU, **Controller of Examinations**
- Deans of all Schools
- Heads of all Departments

Editorial Team:

- Dr. A. Chitra Devi, **Assistant Professor, Centre for Academic Partnership & International Relations**
- Dr. Preethi Sheshadri, **Assistant Professor, Centre for Academic Partnership & International Relations**
- Ms. V. Lakshmi Priya, **Research Assistant, Centre for Academic Partnership & International Relations**

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1 ABOUT SATHYABAMA

Sathyabama Institute of Science and Technology is one of the premier Higher Educational Institutions in India with a high reputation for teaching and research excellence. It is established under Sec.3 of UGC Act, 1956 and is been Accredited with 'A' Grade by the National Accreditation and Assessment council. The Institution offers under graduate and Post graduate Programmes in various fields including Engineering, Science, Technology, Law, Dental Science, Pharmacy, Nursing, Humanities and Management. Sathyabama has been conferred with 12B status by University Grants Commission which has made the Institution eligible to receive assistance from Central Government to undertake more sponsored research projects. This glorious Institution is functioning under the dynamic leadership of Dr. Mariazeena Johnson, Chancellor and Dr. Marie Johnson, President.

1.1 VISION AND MISSION

Vision

We Envision to be an Effective and Competent Source of technical manpower for the current and future Industrial requirements.

Mission

- Undertaking research & development activities in emerging thrust areas
- Introducing new manpower Innovative courses based on the Industry & Societal demands Collaborating with National, International Institutes, research and development organization and Industries
- Serve the Society at large

2 INTERNATIONAL & NATIONAL RANKINGS / RATINGS

2.1 National Institutional Ranking Framework (NIRF)

Sathyabama is ranked in the 44th position in NIRF Ranking. This Ranking is an initiative of the Government of India to rank the higher Education Institutions. Sathyabama has been positioned in the Ranking for Teaching and Research Excellence.

2.2 QS STARS

Our Institution has been awarded Four Stars Ratings for Overall Performance by QS (Quacquarelli Symonds), World's No.1 Ranking organisation spread across five continents spanning over 25 languages. We are one among the six Institutions in India to receive this recognition on a global level. We have received the maximum five star ratings for Teaching, Inclusiveness and Facilities and four star ratings for Employability and Innovation.

2.3 TIMES HIGHER EDUCATION

1. Featured one among 42 Universities in Times Higher Education Global Rankings, 2017-18
2. Ranked in 351+ position by Times Higher Education Asia University Rankings 2017-18.

2.4 NATIONAL RANKING ORGANISATIONS

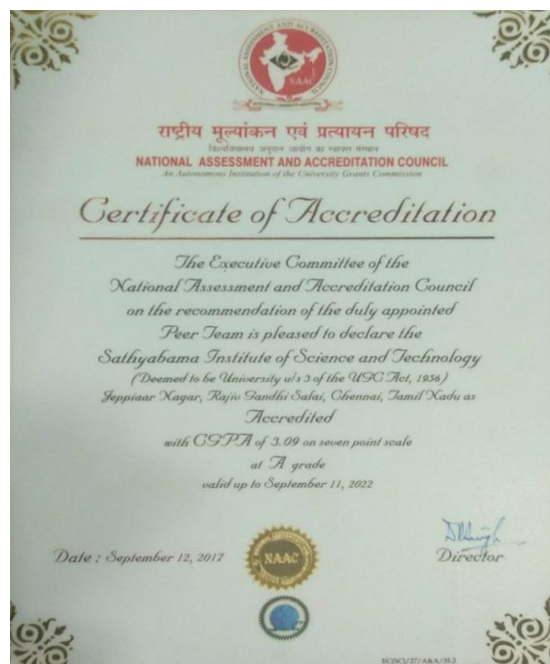
1. Top Private T Schools in India by Dataquest-CMR Best Tech School Survey 2017-2018.
3. Ranked No. 8 among the Private Universities in India by India Today, 2017-2018.
4. Categorized as AAAA Grade Institute according to Careers 360 -Top Engineering Colleges Survey, 2017-2018.
5. Ranked No. 22 among the Top Engineering Institutions in India according to i3RC Times Top Engineering Institute Rankings 2017-2018.

2.5 FICCI

1. Received FICCI Higher Education Award, 2017 for the Category-University of the Year
2. Received FICCI Higher Education Award, 2017for the category- Excellence in Faculty

2.6 NAAC ACCREDITATION

Sathyabama Institute of Science and Technology is Accredited with 'A' Grade by the National Accreditation and Assessment council.



3 INFRASTRUCTURE DEVELOPMENT

3.1 Centre for Academic Partnership and International Relations Office

The New Office of Centre for Academic Partnership and International Relations Office was inaugurated on 28th August 2017.



3.2 BASIC COMPUTING AND PROGRAMMING LAB

Basic computing and programming lab of school of Electrical and Electronics was inaugurated by our honourable directors Dr. Marie Johnson and Dr. Mariazeena Johnson today at 10 am. This lab consists of 140 computers.



3.3 COL.DR JEPPIAAR ILLAM

On the occasion of the 16th year Anniversary of our University, yesterday, our Chancellor, Tmt. Remibai Jeppiaar inaugurated Col. Dr. Jeppiaar Illam (Boys Hostel) in the presence of our Directors, Dr. Marie Johnson and Dr. Mariazeena Johnson at our University in the remembrance of our Founder, Chancellor Col. Dr. Jeppiaar...



3.4 PERIPHERAL CENTRE

Sathyabama university Dental college and Hospital has inaugurated its Public dental health Peripheral centre at seashore St. Anthony's Shrine Palavakkam Chennai on 09.06.2017



3.5 ATM

Our Pro-chancellor, Dr. Mariazeena Johnson inaugurated the new Indian bank ATM in our ladies hostel premises



3.6 LIBRARY

2017-18						
Library Service Type	Existing		Newly Added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	251992	15,04,15,025	6997	55,69,917	258989	15,59,84,942
Reference Books	13520	93,40,496	1026	10,58,500	14546	1,03,98,996
E-books	10926	23,500	-	-	10926	23,500
Journals	138	3,06,380	42	6,20,847	180	9,27,227
E-journals	19149	87,36,823	9	4,10,644	19158	91,47,467
Digital Database	9 Package		1 Package		10 Package	
CD&Video	1993	-	632	-	2625	-
Library Automation	-	3,97,600	-	-	-	3,97,600
Weeding (Hard and Soft)	-	-	-	-	-	-
Others (Specify)	-	12,00,000	-	13,00,000	-	25,00,000

4 MAJOR ACTIVITIES

4.1 JEPPIAAR IAS Academy

Mr. Sylendra Babu Inaugurated the first batch of Foundation course for Civil Services 2017 batch of Sathyabama University Jeppiaar IAS Academy



4.2 SATHYABAMA CONVOCATION

Sathyabama University 26th Convocation was held on 29 July 2017



4.3 Sathyabama University Culturals 2017



4.4 World Space Week

the World Space Week Celebration organised by SDSC SHAR ISRO in association with Sathyabama University was concluded with a Valedictory Programme. Shri K Pandiarajan, Honourable Minister for Tamil Official Language, Tamil Culture and Archaeology, Government of TamilNadu presided the Function and delivered the Valedictory address. The Honourable Minister along with our Pro Chancellor Dr. Mariazeena Johnson and Vice President Dr. Marie Johnson distributed the prizes to the winners of the events.



5 OUTREACH ACTIVITIES

On 13th August 2017, Rotaract club students of Student Development Cell took 150 school children from our Government Schools to Vandalur Zoo. The school children relished the entire trip with our club students.



Sathyabama University happy to have supported Pinkathon'2017 as the "Knowledge Partner" to create awareness among the women about breast cancer. 8000 women participated in this 4th edition of Pinkathon, Chennai. We are double delighted to see participation from the Govt. Schools and Villages that we adapted. Each finisher was gifted with the Finisher medal and a free Mammogram screening voucher from Apollo Hospitals.



Unnat Bharat Abhiyan

Sathyabama Institute of Science & Technology has conducted UBA (Unnat Bharat Abhiyan) Camp on at Kumizhi village, Near Thiruporur. Around 60 students from NSS and NCC Participated and shared their Valuable support towards conducting Awareness Rally on “Go Green & Zero Plastic” for the villagers and government school students and also actively involved in Tree Plantation & village cleaning.



6 Quality Initiatives OF Sathyabama

- Proposals were given to new programmes in Allied Health Sciences and PG programmes in Dental Sciences
- International professors were invited for providing multinational exposure to the students both academically and culturally
- Training programs were organized for the faculties to exercise Innovative Learning Strategies for Modern Pedagogy
- Bilateral collaborations were strengthened with faculty exchange and semester abroad programs. Initiations were taken for joint conferences and joint publications
- Research training fellowship for the research scholars of Non-developing countries were provided through bilateral funding
- Awareness programs, and sensitization workshops, were organized to create awareness of intellectual property rights and design patents by IPR cell
- Support was given to conduct Periodic ISO audit for various departments
- Skill Development Programs were conducted to ensure Skill India Initiatives in association with the Ministry of Skill Development and Entrepreneurship
- Women empowerment and outreach activities were organized to realize social responsibility
- Submitted data for NIRF, QS Ranking, Times Ranking and National Surveys and Magazines

7 LIST OF PROGRAMMES OFFERED

S.NO	PROGRAMMES OFFERED
1.	B.A.-English
2.	B.Sc.-Physics
3.	B.Sc.-Chemistry
4.	B.E.-Computer Science and Engineering
5.	B.Tech.-Information Technology
6.	B.E.-Electronics and Communication Engineering
7.	B.E.-Electrical and Electronics Engineering
8.	B.E.-Mechanical Engineering
9.	B.E.-Electronics and Instrumentation Engineering
10.	B.Tech.-Chemical Engineering
11.	B.E.-Civil Engineering
12.	B.Arch.-Architecture
13.	B.Tech.-Bioinformatics
14.	B.Tech.-Biotechnology
15.	B.Tech.-Biomedical Engineering
16.	B.E.-Electronics and Telecommunication Engineering
17.	B.E.-Aeronautical Engineering
18.	B.Sc.-Visual Communication
19.	B.Sc.-Computer Science
20.	M.E.-Computer Science and Engineering
21.	M.Tech.-Bioinformatics
22.	M.E.-Applied Electronics
23.	M.E.-Structural Engineering
24.	M.E.-Thermal Engineering
25.	M.B.A.-Master of Business Administration
26.	M.Sc.-Visual Communication
27.	M.Sc.-Physics
28.	M.Sc.-Mathematics
29.	B.Com-Bachelor of Commerce
30.	M.Tech.-Biotechnology
31.	M.Tech.-VLSI Design

32.	M.Arch.-Building Management
33.	B.E.-Automobile Engineering
34.	M.Arch.-Sustainable Architecture
35.	M.Sc.-Chemistry
36.	M.Phil.-Mathematics
37.	M.A.-English
38.	M.Tech.-Industrial Biotechnology
39.	M.Tech.-Bio Pharmaceutical Technology
40.	M.E.-Embedded System and IoT
41.	B.D.S.-Bachelor of Dental Surgery
42.	Ph.D.-Faculty of Science
43.	Ph.D.-Faculty of Mechanical Engineering
44.	Ph.D.-Faculty of Management
45.	Ph.D.-Faculty of Humanities
46.	Ph.D.-Faculty of Electronics Engineering
47.	Ph.D.-Faculty of Electrical Engineering
48.	Ph.D.-Faculty of Computer Science Engineering
49.	Ph.D.-Faculty of Civil Engineering
50.	Ph.D.-Faculty of Chemical Engineering
51.	Ph.D.-Faculty of Bio Engineering
52.	Ph.D.-Faculty of Architecture

8 HONOURS/AWARDS RECEIVED BY OUR FACULTY DURING THE YEAR

Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr.M.Sundareswari	Professor	Elected as fellow of Academy of sciences,
2018	Dr D S JAYALAKSHMI	Assistant Professor	Young Achiever Award from Institute for exploring Advances in engineering
2018	Ms. Suja C M, National Level	Assistant Professor	Nobel Researcher Award by International Journal for Research Under Literal Access.
2018	Ms. Divya, National Level	Assistant Professor	Nobel Researcher Award by International Journal for Research Under Literal Access.

Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr.S.Vigneshwari, International level	Associate Professor	Innovative Researcher and Dedicated Teaching Professional , Universiti Teknologi MARA
2018	Dr.V.K.Bupesh Raja	Professor	Overseas Research Fellowship (ORF) from Materials Division, National University of Singapore (NUS), Singapore.
2018	R.Kaja Bantha Navas	Assistant Professor	General Inspection Authority, Maulana Azad Education Foundation, Ministry of Minority Affairs, Govt of Indis
2018	Ms. Nazini	Assistant Professor	Innovative Educator- Certified by Microsoft on 1/20/2018
2018	Dr. S. Janet Mary	Assistant Professor	Innovative Educator- Certified by Microsoft on 1/20/2018
2018	Ms. Samandha Smith	Assistant Professor	Innovative Educator- Certified by Microsoft on 1/20/2018
2018	Mr. Vimal Raj	Assistant Professor	Innovative Educator- Certified by Microsoft on 1/20/2018
2018	Mr. Pugalendhi	Assistant Professor	Innovative Educator- Certified by Microsoft on 1/20/2018
2018	Mr. N. Raja	Assistant Professor	Innovative Educator- Certified by Microsoft on 1/20/2018
2018	Mr. E. Senthil Kumaran	Assistant Professor	Innovative Educator- Certified by Microsoft on 1/20/2018
2018	T.THAJ MARY DELSY	Assistant Professor	Topper in NPTEL online certification in Digital Circuits funded by MHRD, top 2% in Oct 2018 Examination
2018	Dr.S.Gowri	Associate Professor	Innovative Scientific Research Professional,Malaysia
2018	Dr. V.Maria Anu	Associate Professor	Gold medal in NPTEL online certification in R Programming
2018	Dr.Y.Bevish Jinila	Associate Professor	Gold medal in NPTEL online certification in "Introduction to R Software"
2018	Mrs M.Pushpavalli ,Mrs P.Abirami ,Mrs P.sivagami	Assistant Professor	Best Paper Award-Solar panel tracking and power generation using automatic system - IEEE 4th International Symposium in Robotics and Manufacturing Automation (ROMA) conducted by UCSI,Malaysia -12/12/2018

Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Mr. J. Barnabas Paul Gladly	Assistant Professor	Best Paper Award-Ripple reduction and improving voltage regulation in a DC to DC converter-" 2018 IEEE International Conference on Computational Intelligence and Computing Research "-15/12/2018
2018	Mrs M.Pushpavalli	Assistant Professor	Top Performing Mentor for the NPTEL Online Course for "Design of Photovoltaic system"-NPTEL, IIT Khargpur-Jul-Oct 2018
2018	Dr. P. Kuppusami	Professor and Senior Scientist	Certificate of Outstanding Contribution in Reviewing in December 2017 i
2018	Dr.M.Masilamani Selvam	Associate Professor	Best Faculty Award
2017	Dr. V. Sampathkumar	Professor	Fellow - Approved Valuer
Sep-17	Mr.D.Venkatesan	Asst. Professor	Gold Medal - NPTEL- Phase Equilibrium Thermodynamics
2017	Dr.Kurinji Amalavathy	Professor	Good Samaritan Award
2017	Dr. S. Supriya	Associate Professor	Gold Medal - NPTEL- Coordination Chemistry
2018	Dr.S.Vigneshwari,	Professor	Innovative Researcher and Dedicated Teaching Professional-Universiti Teknologi MARA
2017	Mr. M.Sethuramanan	Assistant Professor	SYPOG - Young Scientist-39 Conclave 3rd India - International Science Festival
2107	Dr. Mercy Gnana Gandhi	Professor	NPTEL-ELITE- IIT MADRAS
2107	Dr. Mercy Gnana Gandhi	Professor	NPTEL-ELITE - IIT KHARAGPUR
2017	Dr. D.Susitra	Associate Professor	NPTEL - IIT Kharagpur
2017	Dr.R.Vanitha	Associate Professor	NPTEL - IIT Kharagpur
2017	Dr.S. Radhika	Associate Professor	NPTEL - IIT Kharagpur
2018	Mrs. M.Pushpavalli	Assistant Professor	NPTEL - IIT Kharagpur
2018	Mrs. P. Abirami	Assistant Professor	NPTEL - IIT Kharagpur
2018	Mrs. R. Meena Devi	Assistant Professor	NPTEL - IIT Kharagpur

Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr.D.Godwin Immanuel	Assistant Professor	NPTEL - IIT Kharagpur
2017	Dr.V.Kavitha	Associate Professor	NPTEL-IIT kanpur

9 RESEARCH

The Institution has a provision in place for providing Seed money for facilitating research and the conversion of innovative research and development ideas into products and services. Students are provided access to all the research facilities in the Research Centres and encouraged to do the internships in the Centres. Research committees are formed, which regularly meet to discuss about the latest developments across the world in research. Such initiatives have facilitated the prevalence of research climate in the Institution. The outcome of the research activities is propagated to the society and industry by way of publications, seminars, workshops and, symposiums.

9.1 RESEARCH FUNDS SANCTIONED AND RECEIVED FROM VARIOUS AGENCIES, INDUSTRY AND OTHER ORGANISATIONS

Name of the funding agency	Duration in day	Total grant sanctioned	Amount in Lakhs)
DST-FIST	1825	56,00,000/-	25,00,000/-
Department of Science and Technology (DST)-FIST	1825	22,00,000/-	0.00
DST-FIST	1825	22,00,000/-	0.00
PFRC/BRNS, Mumbai 2016-2018	730	22,64,000/-	7,71,000/-
Unnat Bharat Abhin	180	50,000/-	50,000/-
Unnat Bharat Abhin	180	50,000/-	50,000/-
TBI - Start up grant 2020	180	30,000/-	30,000/-

Name of the funding agency	Duration in day	Total grant sanctioned	Amount in Lakhs)
BRNS	1095	22,64,000/-	7,71,000/-
National Science & Technology Entrepreneurship Development Board	730	1,41,000/-	1,41,000/-
UBA	365	1,00,000/-	1,00,000/-
MOs-CDRI	1095	45,17,000/-	0.00
MOs-CDRI	1095	45,17,000/-	0.00
CV Raman International Fellowship, DST, New Delhi	180	2,60,000/-	1,60,000/-
CVRDE, DRDO, Avado	1095	2.49	2.49
Sathyabama Institute of Science and Technology	734	1,50,000/-	75000/-
LPSC, ISRO	730	1,85,000/-	1,85,000/-
ICMR-EMR	1095	27,84,000/-	0.00
DST-SERB, New Delhi	730	5,27,000/-	5,27,000/-
DST-SERB, New Delhi	1095	5,96,000/-	5,96,000/-
AERB, Mumbai	730	19,49,000/-	11,20,000/-
DST-SERB, New Delhi	1095	7,00,000/-	7,00,000/-
ISRO-RESPOND	1095	3,80,000/-	3,80,000/-
WTI- DST	1095	4,01,000/-	4,01,000/-
CSIR	1095	26,89,000/-	10,89,000/-
MOs	2	1,00,000	1,00,000
MOs	2	1,00,000	1,00,000
MOs	2	1,50,000/-	1,50,000/-
BRNS	1095	24,89,200/-	824250
DST-SERB	1095	25,00,000/-	500000
DBT- IDB, Task Force	1095	42,30,000/-	123837
DST-SERB	1095	25,90,000/-	500000
UGC-DAE CSR, Indore	1095	11,00,000/-	245200
DST-SERB	1095	27,50,000/-	650000

Name of the funding agency	Duration in day	Total grant sanctioned	Amount in Lakhs)
DST-SERB	1095	19,20,000/-	863600
DST-SERB	730	19,20,000/-	910000
DST-SERB	730	19,20,000/-	910000
DST-SERB	730	19,20,000/-	960000
DST-SERB	730	19,20,000/-	960000
DST-SERB	730	19,20,000/-	960000
CVRDE, DRDO	730	24,89,080/-	320641
DST-SERB	730	19,20,000/-	960000
DST-SERB	1095	24,20,000/-	300000
DBT- Bio Engineering	365	30,37,750/-	381000
DST-WOSA	1095	13,80,000/-	340000
BRNS	730	20,72,850/-	562750.00
CVRDE, DRDO	730	24,89,080/-	414311
DBT	1095	28,67,853/-	518108
LPSC-ISRO	1095	19,55,000/-	345000
DBT-Foldscope	365	8,00,000/-	600000
DBT	1095	32,48,000/-	986671
DST-SERB NPDF	730	19,20000/-	960000
Wildlife Conservation Trust	365	4,87,800/-	264755
DST-SERB	1095	21,82,000/-	500000
DBT-Foldscope	365	8,00,000/-	600000
DBT-Foldscope	365	8,00,000/-	600000
DST-SERB	730	1920000	910000
DST-SERB	730	1920000	910000
DST-SERB	1095	25,90,000/-	230000
DST-SERB	730	1920000	910000
DST-SERB	1095	27,50,000/-	550000
VSSC-ISRO	1095	24,67,000/-	547000
DST-SERB	730	19,20,000/-	960000

Name of the funding agency	Duration in day	Total grant sanctioned	Amount in Lakhs)
Wildlife Conservation Trust	365	4,87,800/-	64755
DST-SERB	1095	29,95,000/-	1380000
DST, SERB	1095	37,00,000/-	1861825
DST- SERB	1095	Rs.6,50,000/-	150000
MOs	1095	Rs.15,43,200/-	221396
CSIR	1095	Rs.26,89,400/-	1089167
CVRDE	548	Rest 9,59,400/-	99000
DST -SERB	1460	Rs.34,24,968/-	750000
SERB - DST	1095	Rs.23,80,000/-	700000
MOs	1095	Rs.56,59,375/-	500000
NICRA	1095	Rs.31,00,000/-	1245000
DST - SERB	730	Rs.19,20,000/-	595593
DST - SERB	1095	Rs.16,08,387/-	526576
DST-SERB	730	Rs.19,20,000/-	960000
DST-SERB	730	Rs.19,20,000/-	960000
DST-SERB	730	Rs.19,20,000/-	960000
DST-SERB	730	Rs.19,20,000/-	960000
FIST	1825	Rs.28,00,000/-	1200000
DBT	1095	Rs.39,11,200/-	696750
DST-SERB	1095	Rs.18,20,000/-	550000
DST-SERB	1095	Rs.28,46,000/-	800000
DST-SERB	1095	Rs.18,70,000/-	300000
DST-SERB	1095	Rs.27,66,500/-	300000

9.2 PATENTS PUBLISHED/AWARDED/APPLIED DURING THE YEAR

Patent Details	Patent status	Patent Number	Date of Award
A device which indicates ground water level and avoids damage to motor	Filed	201741026170	24/07/2017
Electronic time table planner kit for Juveniles	Published	201741043407	04/12/2017
Dynamic Control of Street Lights with Human Mobility, Illumination	Filed	201741042771	29/11/2017
Autonomous Fuzzy Based Robot for Agri Activities	Published	R20184011656	18/04/2018
Exclusive Acute Bags for Striplings	Published	201741043409	04/12/2017
Centralized Wireless Electro Cardiogram System	Filed	201741028231	09/08/2017
A Device Which Indicates Ground Water Level and avoids Damage to Motor	Filed	201741026170	24/07/2017
Centralized Wireless Electro Cardiogram System	Published	201741042771	29/11/2017
A Portable Camera Detector and Jammer Device	Filed	E-2/784/2018/CHE	14/03/2018
Facial Recognition and Remote Alert System	Published	201641028658	02/03/2018
Design and Implementation of Meta material Loaded Micro strip Ring Antenna For Multiband Applications	Filed	201841017776	05-11-2018
Design and Implementation of Thermo Electric Generator for Pacemakers	Filed	E-2/1392/2018-CHE	03/05/2018
Wearable Smart Devices For The Safety Of Women And Children	Filed	E-2/1371/2018-CHE	02/05/2018
Smart Gloves For Visually Impaired People.	Filed	E-2/1373/2018-CHE	02/05/2018
IoT based automated control system for poultry farm	Filed	201841016501	02/05/2018
Smart charger for communication device	Published	201741039058	02/11/2017
Internet of things based automated toll collection system	Published	201741033448	13/12/2019
Neoteric reminder device for etherasl barrel	Published	201741038641	31/10/2017
Development of solar air conditioning system using electric power optimization technique	Published	201741039062	11/02/2017
Whytek-techy wear	Published	201741039057	02/11/2017
Development of smart helmet to reduce impact of road accident	Published	201741040179	11-10-2017
Automobile wheel position detection	Published	201741040168	10/11/2017

Patent Details	Patent status	Patent Number	Date of Award
Mobility Scooter	Published	201741039061	08/01/2028
Blind user wearable audio assistance for outdoor navigation based on visual markers and ultrasonic	Published	201741040172	10/11/2017
Development of GRS Robot Navigation using ATMEGA 128	Filed	E-2/1279/2018-CHE	25/04/2018
Smart Traffic control system using MEMs accelerometer	Filed	E-3/16292/2018-CHE	28/11/2017
Plc based mobility railway platform an innovative approach for Safer crossing of railway platforms	Filed	E-2/304/2018-CHE	02/02/2018
Automated Devices for Plucking and Packing of Flower Buds.	Filed	201741043374	04/12/2017
Multi-Function AgriBot	Filed	201741043373	04/12/2017
Quantitative Analysis and Implementation of Electro water	Filed	201841011231	04/05/2018
Mobile Phone Charging using Coffee Mug	Filed	201841016913	04/05/2018
Automatic Toll Collection System with Near Field Communication Technology	Filed	201841016912	04/05/2018
Centralized Wireless Electro Cardiogram System	Filed	201841016910	04/05/2018
An Application of Near Field Communication for Dynamic Seat Allocation in Transports	Filed	201841016907	04/05/2018
Intelligent Cradle and Baby Monitoring System	Filed	201841016900	04/05/2018
A Hybrid Intelligence Data Gathering and Patrolling System for Homeland Security Purposes	Filed	201841017238	08/05/2018
Automated Pest Detection And Control Using Zigbee Processor In Wireless Sensor Network	Filed	201841021699	08/05/2018
Design and Fabrication of Floating Type Oil Skimmer Using Sustainable Material (Polyurethane)	Filed	201841015386	24/04/2018
PCM Integrated Double Slope Solar Still With Air Heater	Filed	201741044737)	24/04/2018

9.3 RESEARCH PUBLICATIONS IN THE JOURNALS NOTIFIED ON UGC WEBSITE DURING THE YEAR

Type	Department	No. of Publication	Average Impact Factor (if any)
International	Computer Science Engineering	13	0.3
National	Information Technology	3	0.4
International	Information Technology	39	0.9
International	Electronics and Communication Engineering	22	1.4
International	Electrical and Electronics Engineering	35	1.6
National	Electronics and Instrumentation Engineering	8	-
International	Electronics and Instrumentation Engineering	12	-
International	Electronics and Telecommunication Engineering	16	0.489
National	Biomedical Engineering	17	0.4
International	Biomedical Engineering	10	
National	Bioinformatics	8	1.734
National	Chemical Engineering	1	3.8
International	Chemistry Engineering	3	1.551
National	Department of Dental Sciences	22	
International	Centre for Molecular and Nano Science	5	
National	Nano centre	47	2.93
National	Centre for Drug Delivery and Design	1	0.6
International	Centre for Drug Delivery and Design	5	
National	Centre for Ocean Research	11	
National	Centre for Remote Sensing	17	1.1015

9.4 REVENUE GENERATED FROM CONSULTANCY DURING THE YEAR

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Computer Science Engineering	Online based production management system	Different Hair Pvt Ltd, Chennai	500000
Dr.A.Sivasangari, Dr.P.Ajitha	Bulk milk cooler monitoring system	Jeppiar milk pvt ltd	100000
Electronics and Communication Engineering	Energy Conservation using LED Appliances	JS IP DESIGN	47000

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Mr.Senthil Nayagam.V	Energy management and auditing	Vedamrit Technology Solutions Private limited, Chennai	320000
Mr.B.Padmanabhan	Theoretical and practical solutions for various industrial problems	Theoretical and practical solutions for various industrial problems	200000
Mrs.Sivagami	Implementation of hybrid of Renewable Energy Sources	Implementation of hybrid of Renewable Energy Sources	280000
Department of Mechanical Engineering	Crashworthiness of side impact of side members Auto Body using FEA	Renault Nissan, Chennai	787000
Molecular and Nanomedicine Research Unit	Animal study for metal binding biomass	K L Universtiy	146142
Centre for Nanoscience and Nanotechnology	Out sourcing by sample analysis and Characterization	Industries/Institutions	222329
Saint Gobain Pvt Ltd	Antifungal evaluation of the sealant	Consulting	230000
Mr.Viswanathan	Surface Morphological studies	RANE TRW Steering System(P) Ltd, Chennai	16900
Dr.Gobi Saravanan	FESEM- EDS analysis of polymer and ceramic Samples	Vikram Sarabhai Space Centre	120000
Dr.A.Kamalan Kirubaharan	FESEM and EDS analysis of ceramic matrix composite	Vikram Sarabhai Space Centre	85000
Dr.A.Kamalan Kirubaharan	Field Emission Scanning Electron Microscopy (FESEM) analysis of battery electrodes with EDAX Minimum 5 images per sample and points per sample for EDAX	Vikram Sarabhai Space Centre	63000
Dr.Dinesh Kumar	Surface Morphological studies	GLR Laboratories Pvt. Ltd., Chennai	45690

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Dr.Rajesh Kannan	Discovery of Drug Molecules for alzheimer disease	Pfizer Healthcare India Pvt. Ltd.	117585
Mr.Vishwanathan	Nanosensor development for gas sensing applications	FLsmidth Private Limited	212900
Dr.A.Kamalan Kirubaharan	Surface Modification on stainless steel 316L SS for engine application	WABCO Vehicle Control Systems	233463
Dr.L.K.Preethi	Epoxy-Poly urethane based nano composites for structural applications	ABI-Showatech India Limited	108256
Dr.R.Karthikeyan	Design and fabrication of Si3N4 coated piston ring components	India Yamaha Motor Pvt Ltd	128500
Dr. Vinita Vishwakarma	Addition of kaoline as admixture for improved durability	Apollo Tyres Ltd	214700
Mr.Viswanathan	Surface analysis of ceramic materials	Vikram Sarabhai Space Centre(VSSC), Trivandrum	75000
Mr.Gobisaravanan	Magnetron sputtering of metallic materials	Vikram Sarabhai Space Centre(VSSC),	100000
Mr.Viswanathan	Morphological analysis of battery electrodes with EDAX	Renault Nissan Technology and Business Centre India Pvt. Ltd., Chennai	40000
Dr.A.Kamalan Kirubaharan	Imaging the wear on steel samples	Rane TRW Steering Systems Private Limited, Chennai	55000
Mr.Viswanathan	Electron Microscopy studies of Fractured Surfaces	Priya & Food Products, Chennai	15000
Mr.Sanjeevi Prasath	Fretting Corrosion studies	CVRDE, DRDO, Avado	812003
Dr.Suresh.A	Anti-reflection coatings using advanced materials	Saint Gobain Research India Pvt. Ltd.	182000

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Dr.Velmurugan	Collection and analysis of marine water, marine sediment, phytoplankton, zooplankton, benthos and ground water analysis.	Clariant Chemicals India Limited, Cuddalore	184080
Dr.Kamalan Kirubaharan	Point and ID X-ray micro analysis	Micro Go LLP, SIPCOT, Siruseri.	225500
Dr.Dawn SS	Feasibility studies on Biodiesel Production from waste cooking oil	Central Leather Research Institute (CLRI), Chennai	150000
Dr.A.Madan Kumar	Anti-Cancer drug screening	International Lab Services, Mambalam, Chennai	278000
Mr.D.Ramachandran	Hard coatings for tribiological applications	IP Rings Ltd., Malankarai, Tamilnadu	234000
Dr.Kamalan Kirubaharan	Phase transformation and Morphological studies of TiO ₂	Johnson & Johnson, Chennai	130000
Dr.Chennakesavulu	Self-cleaning materials for photo voltaic applications	National Metallurgical Laboratory (NML), CSIR, Taramani	108000
Dr.A.Kamalan Kirubaharan	Systematic microstructure analysis of ceramics matrix composites	Vikram Sarabhai Space Centre(VSSC), Trivandrum	80000
Mr.D.Ramachandran	Surface Morphology and Diffraction studies	Vikram Sarabhai Space Centre(VSSC), Trivandrum	60000
Dr.Rajesh Kannan	Isolation and Purification of bio active small molecule from marine and herbal sources	Orchid Chemicals & Pharmaceuticals, Chennai	190000
Dr.P.Kuppusami	Advanced electrode materials for supercapacitor applications	Race TRIN Steeling System, Chennai.	156700
Mr.Viswanathan	Synthesis and Characterization of single walled carbon nano tubes	SPEL Semiconductor Limited, Chennai	41050

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Mr.Gobi Saravanan	In- Situ high temperature corrosion analysis for aerospace applications	Vikram Sarabhai Space Centre (VSSC), ISRO, Trivandrum	119500
Dr.Kamalan Kirubaharan	Analysis of high temperature corrosion in automobiles	Renault Nissan Technology & Business Centre India Private Ld	231200
Dr.A.Madan Kumar	Cytotoxicity analysis	Kemin Industries South Asia Pvt. Ltd, Chennai.	215698
Dr.Dawn SS	Bio degradation studies of aniline and nitro benzene in aniline plant waste water by gas chromatogr	Severn Glocon India Pvt. Ltd., Chennai	50790
Dr.Dayanandan	Nano formulation for anti-cancer studies	Nano Therapeutics Pvt. Ltd, Hojiwala Industrial estate, Surat, Gujarat.	275000
Dr.Dawn SS	Novel approaches In handling e-waste disposal and recycling	Central Electro Chemical Research Institute, Karaikudi.	180500
Dr.T.S Shyju	Development of Thermo Chromic and Electro Chromic materials	Chettinad Morimura Semiconductor Material Pvt. Ltd., Chennai.	142079
Dr.Vinita Viswakarma	Bio corrosion & bio fouling for environmental applications	NIPMAN Steering Industries Pvt. Ltd., Maraimalai Nagar, Tamil Nadu	106800
Mr.Viswanathan	Systematic microstructure analysis of ceramics matrix composites	QAD RaneTRW Steering Systems, Chennai.	275700
Dr.Dayanandan	Development of enzyme based greener technology for eco-friendly leather processing	Central Leather Research Institute (CLRI), Chennai	185900
CWM	IPA & fuel Properties	VISTAS, Chennai	1380
CWM	Fuel Properties	VISTAS, Chennai	1380

**10 EXTENSION AND OUTREACH PROGRAMMES CONDUCTED IN
COLLABORATION WITH INDUSTRY, COMMUNITY AND NON- GOVERNMENT
ORGANISATIONS**

Title of the activities	Organising unit/ agency/ collaborating agency	Number of teachers coordinated in such activities	Number of students participated in such activities
Combined Annual Training Camp conducted by 1(TN) Medical Unit NCC, Sai ram Inst of Science & Tech	NCC Army Wing	1	17
Combined Annual Training Camp conducted by 1(TN) Medical Unit NCC	NCC Army Wing	2	4
Annual Training Camp, VTMT, Avado	NCC AIR WING	2	23
Inter Group Competition, Trichy	NCC AIR WING	1	3
Vayu Sainik Camp -Training, Pondy	NCC AIR WING	2	1
1. Annual Training Camp 02 - 12, SRR Engg. College	NCC NAVY WING	2	17
Naval technical attachment camp, INS Shivaji, Pune	NCC NAVY WING	1	16
International yoga day	NSS	1	150
Awareness campaign on drug abuse	NSS	2	100
Awareness Rally on Pollution Control	NSS	2	50
Blood Donation Camp	YRC	2	228
Summer internship	NSS	1	60
Swatch Bharat	NSS	1	100
Tree Plantation	NSS	2	50
Save Girl Child Rally	NSS	2	125

Title of the activities	Organising unit/ agency/ collaborating agency	Number of teachers coordinated in such activities	Number of students participated in such activities
Independence Day	NSS	1	30
Fit India Pledge	NSS	1	75
Road Traffic Awareness	NSS	1	150
Nilavembu Kashayam for Dengue fever prevention	NSS	2	300
Special Camp	NSS	2	100
NSS Motivation Programme	NSS	2	350

11 COLLABORATIVE ACTIVITIES

11.1 MOUs

11.1. INTERNATIONAL UNIVERSITIES 2017 – 2018

File S.No	Name of the Organisation/University	Signed On
1.	Western New England, USA	15/05/2017
2.	Bezmialem Vakif University, Turkey	31/05/2017
3.	University Malaysia Pahang, Malaysia <ul style="list-style-type: none"> • MOU • LOI (Single Signed) 	07/06/2017
4.	Bandirma University, Turkey	14/06/2017
5.	Polonia University in Czestochowa, Poland	06/07/2017
6.	Northern Arizona University, USA	10/07/2017
7.	Halic University, Turkey	10/07/2017
8.	Province de Liege, Belgium	20/07/2017
9.	Istanbul Kemerburgaz University, Turkey	22/07/2017
10.	Karabuk University, Turkey	31/07/2017
11.	Universidad De Mendoza, Argentina	01/08/2017
12.	Fundacao de Ensino e Pesquisa do Sul de Minas, Grupo Educational UNIS, Brazil	16/08/2017
13.	Arkansas State University, USA	21/08/2017

File S.No	Name of the Organisation/University	Signed On
14.	Soongsil University, South Korea	Sep 2017
15.	Yildiz Technical University, Turkey <ul style="list-style-type: none"> • MOU • Mevlana 	29/09/2017 27/02/2020
16.	Powislanski College in Kwidzyn, Poland	05/10/2017
17.	Halla University, South Korea	27/11/2017
18.	Institut Bisnis Dan Informatika Kwik Kian Gie, Indonesia	02/02/2018
19.	Universitas Mercu Buana, Indonesia	02/02/2018
20.	Satya Negara Indonesia University, Indonesia	02/02/2018
21.	Atma Jaya Catholic University of Indonesia, Indonesia	02/02/2018
22.	Syiah Kuala University, Indonesia	02/02/2018
23.	Vaal University of Technology, South Africa	19/02/2018
24.	Yasar University, Turkey	21/02/2018
25.	Al-Mustaqbal University College, Iraq	01/04/2018

11.1.2 NATIONAL INDUSTRIES 2017 – 2018

File S.No	Name of the Industry	Signed On
1.	Texas Instruments Innovation Lab, Bangalore	05/07/2017
2.	Centre for Development of Advanced Computing	07/07/2017
3.	Vector Works	16/08/2017
4.	TIDC India	24/11/2017
5.	NIEPMD, Chennai	20/12/2017
6.	Advanced Training Institute	27/02/2018

11.1.3 NATIONAL UNIVERSITIES 2017 – 2018

File S.No	Name of the University	Signed On
1.	The Institute of Cost Accountants of India	20/09/2017
2.	PG & Research Department of Zoology, Holy Cross College, Trichy	13/03/2018

11.2 FACULTY EXCHANGE PROGRAMME (OUTBOUND)

Sathyabama Institute of Science and Technology offers opportunity for Staff members to participate in the Faculty Exchange Programme with Foreign universities. The objective of this programme is to provide broader experience to faculty members by teaching in different environments and interacting with colleagues in various institutions.

Staff on their return to our University are expected to positively transfer their enhanced learning, resulting from the exposure to different cultures and work ethics, for the benefit of our University and Students.



11.3 FACULTY EXCHANGE PROGRAMME (INBOUND)

Two Professors from Ahmad Dahlan University had visited our Institution on a faculty exchange programme in exchange of two of our faculty on a Teaching mobility for a period of Month. This exchange is a result of the Memorandum of Understanding signed between Sathyabama Institute of Science and Technology and Ahmad Dahlan University, Indonesia. This faculty exchange programme will provide a global exposure to the students of both the Universities.



[fb.com/SathyabamaUniversityOfficial](https://www.facebook.com/SathyabamaUniversityOfficial)

11.4 STUDENT EXCHANGE PROGRAMME (INBOUND)

Students from overseas are allowed to undergo study for a period of one semester at Sathyabama Institute of Science and Technology. The Student from the foreign University will be assessed based on their performance at the end Semester examination after which they will earn their credit points and awarded with the grade.



11.5 STUDENT EXCHANGE PROGRAMME (OUTBOUND)

To provide International learning experience our students are provided opportunity to study one semester in foreign Universities. Students are sent on Semester Abroad Programmes (SAP) to our partnering universities across the world where they can study 4-6 subjects. The credits they earn at the foreign University are recognized, transferred and considered for the award of degree. Students can also enrol for additional subjects and other language subjects at the foreign University and earn extra credits which are accounted.

Internship Abroad Programme:

Students are provided opportunities to study specialized courses at foreign universities under Internship Abroad programmes. They can pursue specialized modules or courses for a period of 4-8 weeks at a partnering University across the world.





11.6 VISITING INTERNATIONAL PROFESSORS

We invite Professors working in Universities abroad to come and work at our Institution as Visiting International professors for a period ranging from 4 weeks to 12 weeks. This provides an opportunity for our students to interact with international professors and get a global teaching experience right in their classrooms. Certified workshops, short term Programmes, Seminars are organised by these Visiting International Professors for our students and faculty.



11.7 JOINT CONFERENCES

The centre for International relations, Sathyabama Organises Conferences and Seminars in association with our Partnering Universities. The conferences are held at Sathyabama and our partnering Institutions alternatively. These conferences provide a platform for the researchers and academicians for Networking and Knowledge sharing. Such Joint conferences increase the Universities academic reputations, provide brand visibility. Sathyabama has organised more than 50 Joint International conferences in the past 5 years which has resulted in several Joint research projects and Joint Publications with our Partnering Institutions.

International Conferences (2017-2018)	<ol style="list-style-type: none"> 1. International Conference on “Advances in Biotechnology and Bio therapeutics (ICABBS-2017) on 08th to 10th March, 2017. 2. Science Academics` Lecture workshop on “Insect-plant interactions and insect pest management” sponsored by Indian Academy of Science, Bangalore, on 4th and 5th, January, 2018. 3. International Conference on “Bioengineering on Health and Environment (ICBHE-2018) on 08th to 10th January, 2018. 4. International Conference on “Sustainable Technologies in Building and Environment (ICSTBE-2018) on 23rd to 25th January, 2018. 5. International Conference on “Teaching and Assessing English Language and Literature (TAELL-2018) on 29th to 31st January, 2018. 6. National Convention of Aerospace Engineers & National Seminar on “Innovation, Trends and Strategies of Indian Aerospace Sector - Present and Future” on 9th & 10th, February, 2018. 7. One day International Seminar on “Advances in Natural Medicine and nutraceuticals “on 4th July, 2018.
National Conferences/ Seminar/ training Programme	<ol style="list-style-type: none"> 1. TR 39 - Training Program on Thin Film Deposition Techniques was conducted on the 31st January & 1st February, 2017. 2. TR40 - Training Program on Thin Film Deposition Techniques was conducted on the 24th & 25th March, 2017.

	<ol style="list-style-type: none"> 3. TR41 - Training Program on Thin Film Deposition Techniques was conducted on the 28th & 29th April, 2017. 4. Summer Training Programme on “Basic Molecular Biological Techniques” was conducted on 10th May, 2017 to 15th May, 2017. 5. TR42- Training program on “Thin film Coating & Characterization Techniques” was conducted on 11th to 13th May, 2017. 6. Training Programme on “Pilot Scale Biodiesel Production & Characterization” on February, 2017 to May, 2017. 7. TR43- Training program on “Thin film Coating & Characterization Techniques” was conducted on 30th June to 1st July, 2017. 8. Training Programme on “Pilot Scale Biodiesel Production & Characterization” on 27th June, 2017 to 16th December, 2017. 9. TR44- Technical Training program for Bio group students on “Synthesis and Characterization Techniques” was conducted on the 04th to 6th July, 2017. 10. Research Exploration for Novel and Ecofriendly Waste handling techniques (RENEW-2017), 15th July, 2017. 11. TR45- Training program on “Thin film Coating & Characterization Techniques” was conducted on the 18th & 19th August, 2017. 12. One-day Awareness Programme on “Marusuzharchiye Marumalarchi - II” on 22nd August, 2017 13. 1st Introductory course on “Next gen amplicon based sequencing-data analysis”, 30th & 31st August, 2017. 14. TR46- Training program on “Thin film Coating & Characterization Techniques” was conducted on the 15th & 16th September, 2017. 15. Seminar on “Nanostructured Materials for Energy Conversion and Storage” presentation by Dr. S. Boopathi,
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	<p>Post-Doctoral Fellow, Canada, on 21st September, 2017.</p> <p>16. TR47- Training program on “Thin film Coating & Characterization Techniques” was conducted on the 15th & 16th December, 2017.</p> <p>17. National Conference on “Large Scale Multi-Disciplinary Systems of National Significance – Trends & Challenges-” (LAMSYS-2018) On 20th – 21st April, 2018</p> <p>18. Workshop on “Waste, Energy and Environment (WEE-2018)” was conducted on 9th & 10th January, 2018.</p> <p>19. Training Programme on “Pilot Scale Biodiesel Production & Characterization” on 21st & 22nd February, 2018.</p> <p>20. TR48- Training program on “Synthesis and Characterization Techniques” was conducted on the 23rd & 24th February, 2018.</p> <p>21. DBT Sponsored short term training course (STTC) on "Recent Trends in Thin Film Development and their Applications in Biomedical and Biosensors Devices" was conducted on 12th to 28th March, 2018.</p> <p>22. National Symposium on Sustainable Energy Conversion & Storage Materials (NSSECSM - 2018) during April 26-27, 2018</p> <p>23. One-day practical course on DNA Taxonomy and Phylogeny on 9th May, 2018.</p> <p>24. 2nd introductory course on Next Generation Amplicon sequencing – data Analysis on 20th – 22nd June, 2018.</p>
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12 NUMBER OF COLLABORATIVE ACTIVITIES FOR RESEARCH, FACULTY EXCHANGE, STUDENT EXCHANGE DURING THE YEAR

Nature of activity	Participant	Source of financial support	Duration in day
Research Mobility Programme	Mr.Mathan N	Sathyabama Institute of Science and Technology	117
Student Exchange	Mohamed Nawasuddin	Sathyabama Institute of Science &Technology	180
Research	Dr.J Premkumar	Sathyabama Institute of Science &Technology	4
Collaborative Research	Department of Microbiology, Theni Medical College, Theni	Sathyabama Institute of Science &Technology	72
Summer Research Fellowship	Dr.V.Kavitha	INSA, Bangalore	56
Research Collaboration	Dr. Hassan M. Ibrahim	National Research Center at Cairo, El-Tahrir St.,Dokki,Cairo	90
Research Collaboration	Mr. K. Manigundan	DBT	60
Research Collaboration	Dr. Ganesh Kumar, Dr. Padmapriya, Dr. Bupesh Raja, Mr. Baalamurugan	AERB, Mumbai	1095
Research Internship	MOHANARANGAM ARJHUN	Student	47
Research Internship	SAI SHREE NARLA	Student	47
Research Internship	VENKATA RAM LAKSHMAN KUMAR	Student	47
Research Internship	K VAMSHI KRISHNA	Student	47
Research Internship	BHARGAV RAMINELI	Student	47

Nature of activity	Participant	Source of financial support	Duration in day
Research Internship	Siva Kumar Pasupuleti	Student	47
Semester Exchange Programme	Junnu Ashok Chakravarthy	Student	140
Semester Exchange Programme	Joshua Prabhahar J	Student	140
Semester Exchange Programme	Hemanth Krishnaraj	Student	131
Semester Exchange Programme	Balaji Chandrasekaran	Student	120
Research Internship	Karnam Sai Bhavya	Student	181
Research Internship	Saipriya C	Student	181
Research Internship	Chamarthy Sai Sahithya	Student	181
Research Internship	Tahreen Rafi	Student	102
Research Internship	Arja Sri Sai	Student	102
Research Internship	Bandi Vedaraj Goud	Student	102
Research Internship	Sangramjith	Student	39
Research Collaboration	Dr BRIJITTA	European Research Council (ERC) Fellowship and Sathyabama Institute of Science and Technology	270
Faculty Exchange Programme at Ahmad Dahlan University, Indonesia	Dr. Kalailakshmi T R	Sathyabama Institute of Science and Technology	30
Faculty Exchange Programme at Ahmad Dahlan University, Indonesia	Dr. Nithya Sankar	Sathyabama Institute of Science and Technology	30

Nature of activity	Participant	Source of financial support	Duration in day
Research Internship at Universiti Teknologi Malaysia	Mr.Mathan	Sathyabama Institute of Science and Technology	120
Research Internship at Universiti Teknologi Malaysia	Ms.Adeline Sneha	Sathyabama Institute of Science and Technology	120
Research Internship at Universiti Teknologi Malaysia	Ms.Jamunarai	Sathyabama Institute of Science and Technology	120
Research Internship at University Putra Malaysia	Dr Antony Samrot	Sathyabama Institute of Science and Technology	60
Research Fellowship at University of Strausburg, France	Dr.Chennkesavalu	Sathyabama Institute of Science and Technology	35
Research Collaboration	Dr Krupakar Parthasarathy	National Cheng Kung University, Taiwan and Sathyabama Institute of Science and Technology	2
Research Collaboration	Dr Krupakar Parthasarathy	University of Jayavardhanapura, Srilanka and Sathyabama Institute of Science and Technology	2
Research Collaboration	Dr Krupakar Parthasarathy	European Molecular Biology Organization (EMBO) and Sathyabama Institute of Science and Technology	9
Research Collaboration	Dr Krupakar Parthasarathy	NTU, Singapore and Sathyabama Institute of Science and Technology	2

Nature of activity	Participant	Source of financial support	Duration in day
Research Fellowship at University of Concepcion, Concepcion, Chile	Dr.SHYJU T.S.	National Fund for Scientific Research and Technological Development (CONICYT, FONDECYT), Govt., of Chile. and Sathyabama	365
Research Fellowship at Clemson University, USA	Dr. S. PRAKASH	United States India Educational Foundation and Fulbright Scholarship Program and Sathyabama Institute of Science and Technology	365
Visiting Researcher in Kaohsiung Medical University, Taiwan	Dr. AMIT KUMAR	Ministry of Science and Technology (MOST), Taiwan and Sathyabama Institute of Science and Technology	16
Research Fellowship at Qingdao medical University and Yellow Sea Fisheries Research Institute	Dr. R. THIRUGNANASAMBANDAM	Science and Engineering Research Board (SERB) and Sathyabama Institute of Science and Technology	4
Student Exchange Programme from Ahmad Dahlan University, Indonesia	7 Indonesia students	Sathyabama Institute of Science and Technology	35
Semester Exchange Programme from Halla University, South Korea	Mr. Eom Ju Hyun	Student & Sathyabama Institute of Science and Technology	131

Nature of activity	Participant	Source of financial support	Duration in day
Faculty Exchange Programme from Ahmad Dahlan University, Indonesia	Dr Rusydi Umar	Sathyabama Institute of Science and Technology	35
Faculty Exchange Programme from Ahmad Dahlan University, Indonesia	Mr Rai Rake Setyawan	Sathyabama Institute of Science and Technology	28
Faculty Exchange Programme from Ahmad Dahlan University, Indonesia	Ms Mustika Rahmi	Sathyabama Institute of Science and Technology	28
Faculty Exchange Programme from University Malaysia Pahang, Malaysia	Dr Ramesh	Sathyabama Institute of Science and Technology	7
Visiting International Professor from Multimedia University, Malaysia	Dr Jakir Hossen	Sathyabama Institute of Science and Technology	18
Visiting International Professor from Multimedia University, Malaysia	Dr Lim Thong Leng	Sathyabama Institute of Science and Technology	18
Research Collaboration	Ms.Samkeliso Takaidza	NAM S&T Centre and Sathyabama	168

Nature of activity	Participant	Source of financial support	Duration in day
Research Collaboration	Dr. Patrick Brice DEEH DEFO	DST	182
Research Collaboration	Dr. Manikkam Radhakrishanan	Institute of Medical Biology, Singapore and Sathyabama Institute of Science and Technology	4
Research Collaboration	Dr. Govindaraju Kasivelu	Institute of Medical Biology, Singapore and Sathyabama Institute of Science and Technology	4
Research Collaboration	Dr. Premkumar Jayapal	Institute of Medical Biology, Singapore and Sathyabama Institute of Science and Technology	4
Research Collaboration	Dr. Swarnalatha	Institute of Medical Biology, Singapore and Sathyabama Institute of Science and Technology	4

Our Sincere Thanks to.....

1. Ever supporting management
2. Highly committed Faculty and staff
3. Enthusiastic students.
4. Funding Organisations at National and International level
5. Supportive Partners and Collaborators at National and International level.
6. Media and Publishers

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