



SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
ACCREDITED WITH GRADE A++ BY NAAC

CAMPUS INSIGHTS

Bringing you quarterly updates on campus activities

"ENTRY IS NOT IMPORTANT EXIT IS IMPORTANT"
- Col.Dr.JEPPIAAR



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Dear Sathyabama Community,

As we embark on another exciting academic year at Sathyabama Institute of Science and Technology, I take a moment to share my thoughts and reflections with each and every one of you.

One of the defining features of Sathyabama has always been our commitment to fostering a diverse and inclusive environment where students, faculty, and staff from all backgrounds can thrive. In this spirit, we have taken significant steps to enhance diversity, equity, and inclusion on our campus. We are actively working to ensure that every member of our University feels valued and supported in all aspects. I am incredibly proud of our dedication to excellence, innovation, and resilience even in the face of adversity.

I am also pleased to share that our academic programs continue to evolve and adapt to meet the changing needs of our students and society. Our faculty members have been at the forefront of research and innovation, contributing to advancements in their respective fields. We are continually expanding our course offerings, embracing digital technologies, and creating new pathways for lifelong learning.

In addition to our academic achievements, Sathyabama has maintained a strong commitment to community engagement and service. Our students have been actively involved in outreach programs, volunteer initiatives, and community partnerships that have a positive impact far beyond our campus borders. I commend our students for their dedication to making a difference.

Looking ahead to the upcoming academic year, I am filled with optimism about the possibilities that lie before us. I encourage each of you to explore new opportunities, support one another, and uphold the values that make our University a place of excellence and inclusion.

Thank you for your firm commitment to our university, and I look forward to celebrating our collective achievements in the months to come.

Wishing you all a successful and fulfilling quarter.

Warm regards,

Dr. Mariazeena Johnson

Chancellor, Sathyabama Institute of Science and Technology

BridgeLabs, a live Lab environment nurturing Engineers through its Experiential Fellowship Program has signed an MoU with our Institute. BridgeLabs will serve as a platform for students to transform into industry-ready hard-core developers by forming a Coding Club and provide training through their Custom Fellowship program on the latest technologies which will suit the recruiters.



The MoU has been signed with **AtumX Robotics Pvt. Ltd.**, Chennai in order to make our students future ready with innovations and working through hands on experience.



MoU has been signed between the Centre for Ocean Research and **Guru Nanak College**, Chennai on 12.01.2023



MoU has been signed between the Sathyabama Institute of Science and Technology and **KMITL - Research Institute of Modern Organic Agriculture, Thailand**. The MOU is initiated by the Centre for Drug Discovery and Development for Special Research Projects, Students Training Programs, Industry Internships, Placement and R&D Activities.



MoU has been signed between the Department of Computer Science & Engineering and **SG ERP Solutions, Bangalore** on 28.3.23



MoU has been signed with **Copperbelt University, Zambia** on 03/03/2023. The MoU is initiated by the Scientists of Centre for Drug Discovery and Development for joint research projects, joint training programs and to conduct joint conferences.



MoU has been signed with the **Central Institute of Brackishwater Aquaculture, Chennai** on 30.03.2023. Dr. T. Sasipraba, Vice Chancellor, and Dr. Kuldeep K. Lal, Director, ICAR—Central Institute of Brackishwater Aquaculture, Chennai, signed the MOU. The MOU was initiated by the Centre for Aquaculture with the intention of developing collaborative research, student internship programs and offering consulting services to fish farmers and entrepreneurs. It is also planned to conduct skill-based training programmes for fishermen.



MoU has been signed between the Sathyabama Institute of Science and Technology and **Optimuz Tec Services, Chennai** on 29/03/2023. This is initiated by Department of Mechatronics.



MoU has been signed between the Department of Computer Science & Engineering and **EXCEL R, Bangalore** on 26.5.2023



MoU has been signed between the Department of Information Technology. Sathyabama Institute of Science and Technology. Chennai and **Csoft Technologies, Chennai** on 9.2.23. This is initiated for collaborative research, training programmes, student internship programmes. etc.



MoU between Sathyabama Institute of Science and Technology, Chennai and **M/s. Shrimp Care Solution, Nagapattinam** has been signed on 15/03/2023 by Dr. T. Sasipraba, Vice Chancellor and Dr. Neysutheen Inayathullah, Proprietor, Shrimp Care Solutions. The MOU is initiated by the Centre for Aquaculture to develop collaborative research and offer consultancy to fish farmers, entrepreneurs and to conduct training programs.



Granted Indian Product Patents

- An automatic system for treatment and recycling of water for train compartment wash basins by Dr.S.S.Dawn, CWM
- A Single Step Method of Depositing Zirconia Coating on Metallic Substrate for Corrosion Protection by Dr. K. Gobi Saravanan, CNSNT
- A Method for Preparing Bimetallic Coating for Antibiofouling and Corrosion Protection by Dr. K. Gobi Saravanan, CNSNT
- Development of Noise Control Muffler for Four Wheeled Vehicles by Dr.A.Anderson, Dept. of Aeronautical Engineering
- Nano-Blue Pigment from Waste Iron Rod-Wealth from Waste by Dr. R. M. Joany, ECE
- Integrated system for production of biofuels using Machine Learning by Dr. N. Sridevi, CSE

Dr. S. Karthikeyan, Dr. Anna Devi, and Dr. R. M. Joany & Dr.Sundarsingh Jebaseelan from SoEE received the Best Faculty Advisor Award, by **The Institution of Engineers, India (IEI)** Hosur Local Centre on 6-3-2023 on Account of the World Engineers Day.



Dr.D.Inbakandan, Professor (Research), Centre for Ocean Research, being nominated as Co-Lead for Ecosystem based Aquaculture Group by IUCN - CEM on Ecosystem Management Steering Committee meeting at **Kerala Forest Research Institute** on 16-17 March 2023.



Mrs. Deepa.S, Dept. of Physiotherapy won I Prize and Mrs. Priya Kumari, Dept. of Physiotherapy secured 3rd position in **Chettinad Physiotherapy Conference** for paper presentation.



Top 2% Most Influential Scientists Stanford University

Dr.G.Murugadoss, Dr.T.Prem Jacob, Dr. S.Manigandan, Dr.K.Govindaraju and Dr.Jayaseelan.C are in the list of Top 2% Most Influential Scientists (Single Year) in 2023 given by Stanford University.



Dr.L.Lakshmi, Dean, School of Nursing received Best Nurse Administrator from **Tamilnadu Nurses & Midwives Council** on 09-05-2023.



Dr. S. Aravinthan, from the School of Dental Sciences received Best Paper Award in **IES PGCON-23** conference, Aurangabad.

Fellowships

- D S Jayalakshmi, Dept. of Physics received visiting scientist fellowship from Indian National Science Academy
- Dr.T.Rajasekar, CDDD received TWAS Ph.D fellowship from DBT
- Dr.V.Ganesh Kumar, COR and Dr Krupakar Parthasarathy, CDDD received Savitribai Jyotirao Phule Single Girl Child Fellowship for their JRF from UGC
- Dr.Manigundan, CDDD received Indian Arctic Expedition-2023 participation grant from NCPOR - MoES



The Institution of
Engineers (India)

F.Sheryn, third year EEE and Rakalakshi, Final Year, Biotechnology received **Best Student Award**; Surya Subramanya Gangadhar of ECE and M.S.Keerthana of EEE received **Best Outgoing Student Award**; N.P.Tharani, Final year Student EEE received **Best Project Award** and B.Prabhavathi, third year EEE Student received **Academic Excellence Award** on 6th March 2023, World Engineering Day held at Adhiyamaan College of Engineering, Hosur, Tamil Nadu from **The Institution of Engineers (India)**.

R.Suganya received the **ISPPD Topper Award** for Topper in the University Examination, Department of Pediatric and Preventive Dentistry by Indian Dental Association.



Balavivetha, 1 year M.Sc Computer Science student won 1st Place in Adaptune, **Eldorado 2K23** conducted by Jeppiaar University, Chennai.



Kareema and Kanimozhi CRRIs received 1st Prize and Cash Award in **Thai Moogambigai Dental College Article Symposium** on 29th March 2023.

Abram Shibu John (3rd Year-B.D.S.) won the First place in Class II Cavity Preparation competition by **Tagore Dental College and Hospital**, Chennai.



Mohamed Javed from School of Dental sciences won third prize in memes at first Annual Intercollegiate Meet held at **Ramachandhra Dental College**, Chennai.



Prabhavathy.B and Reshma, Sivasanthana Lakshmi and Shenbaga Priya won first place & Jayashree and JayaShri N.P won second prize in poster presentation, at first Annual Intercollegiate Meet held at **Ramachandhra Dental College**, Chennai.



Keerthana of II BTech Biotechnology won first prize in paper presentation on World Water Summit April 2023 on the occasion of World Water Day on the theme "Accelerating Change", Organized by **The Institution of Engineers (India), Tamil Nadu State Centre**, on 1st April 2023 and received the prize with cash award from Padmashree Dr. Sivathanu Pillai.



Second Year Visual Communication Students received Overall Winners Documentary Film Trophy from the Event "**Voices 2023**" Conducted by SRM – Ramapuram Campus.



First year Civil Engineering students Mr.Ashwinramkumar, Mr.Miracle, Ms, Oviya and Ms.Sophia won the first and second prize in the event "Solve it and Photography" and also Won the Overall Winner Trophy conducted **B.S.Abdur Rahman Crescent Institute of Science and Technology**.



B.Balaji, Mechanical Engineering student received star of Excellence award and he was selected as one of the NCC cadet Participant for **Tamil Nadu Republic day Function** held on 26/01/2023



Saran Sundar, final year Mechatronics students won 3rd place in cosmic innovation challenge during **Space-tech Summit 2023** conducted by IIT Madras.



Ms.V.K.Sayami from V year B.A.LL.B(Hons) received the spirit of Marathal Thagumo Award in the State level Tamil Elocution Competition held at **Anna University, Chennai** on 07.01.2023.



- Rekha Palani of ECE has secured Elite with Gold Certification in The joy of Computing using Python NPTEL course
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- Kanmani.R.M, Jaya Kanaga Lakshmi and Kalpana Sri of ECE has secured Elite with Gold Certification in Fuzzy Sets, Logics Systems and Application NPTEL course
- Akula Laxmi Prassana, third year EEE Student has secured Elite with Silver Certification in Introduction to Internet of Things NPTEL Course

Sivaranjani and Adheena, 1yr PG Students Department of Orthodontics won second prize in **Table Clinic IOS PG Convention, Salem.**



Sudharshan, Saran Sundar and Ragav.S.R, IV year students of Mechatronics won 3rd prize in **Chennai Cybersecurity Hackathon** conducted by Greater Chennai Police held at Anna University, Chennai.



Ms. Parveen Akther won the best paper award at the **International Conference on Recent Trends in Data Science and its Applications** held at the SRM Institute of Science and Technology on March 30th and 31st.



Satavisha Mohapatra, Harini, Andrew Intern students won II prize in Poster Making Theme - **Surgical Strike** held at **SRM Dental College and Hospital.**



Final Year Student Mr.Ritish and Mr.Thirunavukkarasu Won the "Best paper Award" in the International Conference **ICC-IDEA-2023** conducted by **SRM Institute** of Science and Technology.



Sandeep 2nd year PG, Department of Orthodontics secured third place in paper presentation in **MOKSHAA 2023** held at **Sri Venkateswara Dental College and Hospital.**

Harini, Intern student won second prize In Poster Presentation held at **Sri Venkateswara Dental College and Hospital.**



Sandeep 2nd year PG from the Department of Orthodontics won third place in paper presentation in **State Level Article Symposium at Thai mogambikai Dental College.**



Adheena 1st year PG from the Department of Orthodontics won third place in paper presentation in **State Level Article Symposium at Thai mogambikai Dental College.**

Faculty Exchange

Dr. Dhivya Sathish, and Dr. M Lavanya, Associate Professors, School of Management Studies had been



to Powislanski University, Poland under the Erasmus Plus Teaching Mobility Programme funded by the European Union (16th May - 20th May 2023)

Visit of International Professors

Dr. Mauli Agrawal, Chancellor and Dr. Jennifer Lundgren, Provost and the Executive Vice Chancellor, University of Missouri, Kansas City visited our campus on 19-01-2023.



Ms. Claire Canning, International Partnership Manager from Queen Mary University of London, UK



delivered a talk on study abroad opportunities at Queen Mary University of London, UK on 08-02-2023.

Prof. Datuk ChM. Ts. Dr. Taufiq Yap Yun Hin, Professor from University Putra Malaysia, Malaysia visited our campus on 11-01-2023.



Dr Radhakrishna (Dinesh) Somanah, Director General from Universite Des Mascareignes, Mauritius visited our campus on 05-01-2023.

Memorandum of Understanding



The University of Hull, UK and Sathyabama Institute of Science and Technology signed a Memorandum of Understanding on 16-03-2023. Mr. Dhaval Thakker Professor, University of Hull delivered a talk on Internet of Things and Industry 4.0.

Semester Abroad Programmes

Yogashree S, Thridhath GP - III Year CSE, Gubbala Aishwarya - III Year EEE, Daya sagar IV Year Mech



Pranav Sharma Kocherlakota - IV Year CSE-AI are undergoing an Internship Programme at the University of Texas at Dallas(UTD), USA

Shivranjani Balaji - III Year CSE, Naganjan kumar - IV Year CSE-AI, Abhishek Manikandan, P. Shashank

B.Rushidharan & Adapa Meghana Sai & S. Karthikeyan - IV CSE have undergone an Internship Programme at National University of Singapore (NUS) 03/06/23 - 24/06/23.



Dhivakaran. P & Arvindha Swami D. R from M.B.A Department, Korlepara Aditya Naga Lakshmi Venkat from the Department of Mechanical Engg and Arthy. J



from B. Com Department are undergoing their Semester Abroad Program at the University Malaysia Pahang Malaysia (March 2023 to July 2023).

Ramsai. S and Dharun Raj. V, final year students from the Department of Architecture are undergoing their Semester Abroad Programme at

the Universiti Teknologi MARA (UiTM), Malaysia (March 2023 to August 2023).



Sandra Chandran P. S. of II Year M.A English Literature is doing her Semester Abroad Programme at the Wszechnica Polska Academy of Applied Sciences, Poland.

under the Erasmus Plus Student Mobility Programme sponsored by the European Union (March - July 2023).

R Sanjay Preeth & Noel Richard Prakash L from the Department of Biotechnology have completed their Project Work at the University Putra Malaysia (UPM), Malaysia (Oct -April 23).



The research articles published in journals with more than 10 impact factor are given below.

- Andrs, M., Stoy, H., Boleslavskaya, B. Nagaraja Chappidi, Radhakrishnan Kanagaraj, Zuzana Nascakova, Shruti Menon, Satyajeet Rao, Anna Oravetzov, Jana Dobrovolna, Kalpana Surendranath, Massimo Lopes & Pavel Janscak, "Excessive reactive oxygen species induce transcription-dependent replication stress", *Nat Commun*, 14, 1791, March 2023. (Impact Factor: 16.6)
- Arun Sundar Mohanasundaram, "Monkeypox (mpox) vaccines and their side effects: the other side of the coin", *International Journal of surgery, Elsevier*. (Impact Factor: 13.4)
- S.Karthick Raja Namasivayam, P. Prakash, Vishnupriya Babu, Eric Johnson Paul, R.S.Arvind Bharani, J.Aravind Kumar, M.Kavisri, Meivelu Moovendhan, "Aquatic biomass cellulose fabrication into cellulose nanocomposite and its application in water purification", *Journal of Cleaner Production. Elsevier*. (Impact Factor: 11.072)
- Karthick Raja Namasivayam, P. Prakash, Vishnupriya Babu, Eric Johnson Paul, R.S. Arvind Bharani, J. Aravind Kumar, M. Kavisri, Meivelu Moovendhan, "Aquatic biomass cellulose fabrication into cellulose nanocomposite and its application in water purification", *Journal of Cleaner Production*, 2023, Vol:396 (10) 136386. (Impact Factor: 11.1)
- Sathish, "Emerging pharma residue contaminants: Occurrence, monitoring, risk and fate assessment – A challenge to water resource management", *Science of The Total Environment*. (Impact Factor: 10.754)
- A Annam Renita. " Persistent organic pollutants in water resources: Fate, occurrence, characterization and risk analysis", *Science of The Total Environment*. (Impact Factor: 10.754)
- Daniya, T. and S. Vigneshwari, "Rice Plant Leaf Disease Detection and Classification Using Optimization Enabled Deep Learning", *Journal of Environmental Informatics*, 2023. (Impact Factor: 10.2)

85 research papers are published in journals with less than 10 impact factor.

Startups

Bogar Biologicals Private Ltd. provides an effective and sustainable solutions for shrimp disease management through our seaweed-based products. Through the natural antimicrobial, antiviral, and immune-stimulant properties of seaweed, our product support the shrimp's immune system, enhancing their ability to resist and combat diseases.

**Industry sponsored Shell and Tube Heat Exchanger**

M/s. Precision Equipments Private Limited, Chennai sponsored a real scale Industrial version of Shell and Tube Heat Exchanger worth of ₹20,00,000 to the Thermal Engineering Lab, under Industry Sponsorship Scheme.



Hinnovx Pvt. Ltd. develops health care devices which could prove beneficial to the well-being of the society. Some of the products to be launched are Health kiosk, posture correction glass frames and complete breath analyzer.

Product Developed**Ornamental Colour Pro Feed**

Dr.M.V.Rajeswari and Ms.T.Nivetha, Centre for Aquaculture developed a Premium Color Enhancing Fish Food, specially formulated to promote brilliant coloration in aquarium fish and provide them with the daily nutrition they need to thrive. This fish food contains probiotics that aid in digestion and reduce fish waste, while the high-quality protein included helps to optimize growth rates.

- Dr. Subhenjit Hazra from CNSNT received ₹24.5 Lakhs for the project titled "Development Of Dmaz Fuel Tt Is Hypergolic With Hydrogen Peroxide" from ISRO, Govt. of India
- Dr. D. Dinesh Kumar and Dr. P. Kuppusami from CNSNT received ₹19.94 Lakhs for the project titled "Generation Of TTT And CCT Diagrams For 3 Nickel Base Superalloys (XH67, XH55 And XH43) For Application In Liquid Engines" from LPSC / ISRO, Govt. of India
- Ms. Kunjulakshmi from CCCS received a seed grant of \$1000 from Association for Tropical Biology and Conservation
- Dr.Manigundan from CDDD received ₹20 Lakhs for the project titled "Sytematic study on vascular plant rhizospere soil microbiota from artice ecosystem for iron biofortification" from National Centre for Polar and Ocean Research (MOES)
- Dr.Sardar Maran and Dr.L.Lakshmanan from Dept. of CSE received ₹20.73 Lakhs for the project titled "Prediction and analysis of Mesoscale Thunderstorm in India- A Computational Approach" from MOES
- Dr. Sivasakthi from CWM received ₹26.76 Lakhs for the project titled "Optimazation of lifecycle assessment of the one part alkali activator" from SERB
- Dr.V.Vijaya Baskar from Dept. of ECE received ₹24.55 Lakhs for the project titled "Real time plasma Localization system for Tokomac Plasma Images" from BRNS

Consultancy Services

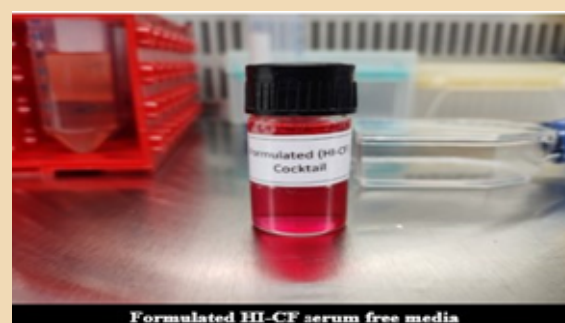
Sathyabama Institute of Science and Technology has undertaken the following notable consultancy services during this period

- Water Analysis for the University of Wisconsin-**Madison**
- Cloning, expression and purification of enzymes from industrially important microbes for **PrEl's Biotech India Private Limited**
- Development of imaging software for assessing the thickness of yarn and fabric by visible imaging for **BP International**
- Vision Based Detection and analysis of Human Activities for **Macincode Technologies**
- Application for constructing and Recognizing Forensic Face Sketches Mobile App for **SmartBridge Educational Service Pvt Ltd.**
- Ambulance Path Detection using Folium and Polygonal Path for **Cognibot Robotics Pvt Ltd.**
- Waste Food Management and Donation Mobile App for **ThinkDezk**
- Enzymatic inhibition of assays and in vitro studies for test product GLUBLOC for **My Pura Vida Wellness Provate Limited, Hyderabad**
- CPR Consultation services to MGM Health Care, ITD Cementation India Limited, **Amalgamations Valeo Clutch Pvt. Ltd. and APEX Structure Pvt. Ltd.**

Product Developed

Formulated HI-CF Serum Free Medium

Dr.S.Johnson Retnaraj Samuel, Dr.S.Jackson Durairaj, Dr. Y. Beryl Vedha, Centre for Molecular and Nanomedical Sciences, developed Serum free animal culture medium from earthworm coelomic fluid for animal therapeutic protein production and cell culture applications, which is cost effective, efficient, no batch variation, unintended antibody interaction and supports vast cell types.



St.Paul's Block



St.Paul's Block is inaugurated on 19.4.2023 by Dr.Remibai Jeppiaar in the august presence of Hon'ble Chancellor Dr.Mariazeena Johnson, President Dr.Marie Johnson and Vice Presidents. this block has state of at infrastructure facilities for teaching learning with 63 smart classrooms, 4 state of art laboratories as Centre for Computer Security and Society, Design Thinking Lab, Machine Vision Lab and Web 3 Lab with 750 workstations. This block also has 141 faculty cabins and Board room.



Techtronics Seminar Hall

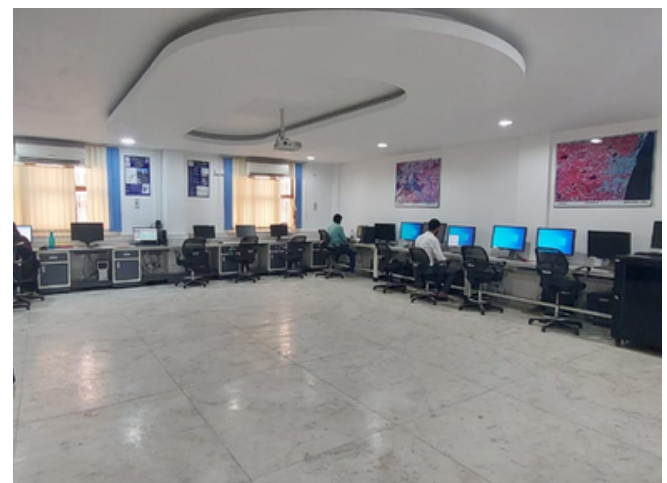
Department of ECE inaugurated Techtronics Seminar Hall on 27.3.2023 for conducting seminars and training programmes.



Advanced Geoinformatics Lab



The Advanced Geoinformatics Lab in Centre for Remote Sensing and Geoinformatics at Sathyabama Research Park has been inaugurated by Dr. M. Venkat Ratnam, Santhi Swarup Bhatnagar Awardee, National Atmospheric Research Laboratory, Gadanki and Prof. S. Vijaya Bhaskara Rao, Director, UGC-SVU Centre for MST Radar Applications, S V University, Tirupati on 25 March 2023.



Food Production Unit

New Food Production Unit was inaugurated on 20.6.2023.



Placement

The campus recruitment programme at Sathyabama Institute of Science and Technology continues to be a resounding success every year. In the campus recruitment for the current final-year batch, more than **386** illustrious recruiters took part, and as of this writing, **3094** offers had been granted. **91.6** percent of enrolled students have already secured jobs. The institute observed an increase in the annual CTC granted to students as the average CTC rose to **5.40 LPA**. This year, it also experienced the highest CTC, **53 LPA**.



Through the **Centres of Excellence** run by HCL, Capgemini, and other companies, **more than 300 job offers** were made possible by our collaborative approach to industry-institute partnerships. Another fantastic new initiative that has helped many students develop their employability skills is the **Cognizant Digital Nurture programme**. Many additional companies, including Mindtree, TCS, PwC, and others, have extensive connections with us and provide an array of possibilities for students to advance their skills.



Additionally, a considerable increase in the number of Dream, Super Dream, and Elite companies hiring students was seen by our students. As their recruiters' base expands yearly, this has created a fantastic foundation for the following batches.

A few of the well-known recruiters who highlight the broad spectrum of opportunities, Sathyabama continues to provide for its students include Cognizant, TCS, LnT Mindtree, Natwest, Nokia, Oracle, Optum, Redbus, Renault Nissan, Schneider Electric, Sopra Steria, Societe General, TATA Elxsi, and Zifo RnD.



Higher Studies

250+ of our final year students have got admissions in top international universities to pursue masters programme with the guidance and support of the Advisory Bureau for Higher Studies, students have received scholarships from various premier international universities in Australia, Canada, Germany, Ireland, the United States, and the United Kingdom.



74th Republic Day

74th Republic day on 26th January 2023 is celebrated with the theme 'Jan-Bhagidari (participation of people)'.



World Theatre Day

The World theatre day was celebrated by the students of visual communication in fantabulous story on gender equality through a street play on 27th of March 2023.



International Yoga Day

Department of Electrical and Electronics Engineering organized a program on International Yoga Day 2023 on 21st June 2023 about various asanas which encouraged the students to become more aware of body, mind, and environment.



World Tuberculosis Day

Department of Medical Surgical Nursing, Sathyabama College of Nursing organized a Tuberculosis awareness program on 24.03.2023 at 10.00am to 12.00 pm at Thiruporur GH on the theme of Yes! we can end TB!. World Tuberculosis Day is to build public awareness about the global epidemic of tuberculosis and efforts to eliminate the disease.



World Meteorological Day

Centre For Remote Sensing and Geoinformatics in association with Indian Society of Remote Sensing (ISRS-Chennai Chapter) celebrated the World Meteorological Day on 23rd March 2023 The event was inaugurated by Chief Guest Dr. K.V.Balasubramanian, Retd., Meteorologist, Regional Meteorological Centre, IMD, Chennai with a special address on "The Future of Weather, Climate and Water across Generations".



World Environment Day

Centre for Waste Management, Centre of Excellence in Energy Research and Department of Chemical Engineering in commemorating World Environment Day, organized a National Level Symposium on Alternate Research Initiatives for Sustainable Environment "ARISE 2023" on June 14, 2023.



World Ocean Day

Centre for Ocean Research celebrated World Ocean Day on 08th & 09th June 2023 by International Virtual Conference on "Sustainable Blue Planet: Conservation, Augmentation and Remediation (SBPCAR 2023)" with a theme to ensure that our oceans remain healthy and productive for future generations.

DEEP SEA BENTHIC COMMUNITY – NORTH INDIAN OCEAN



National Science Day

Centre for Waste Management, Centre of Excellence for Energy Research organized RENEW-2023, A Research Exploration for Novel and Eco-friendly Waste Handling Techniques on 28th February, 2023. Commemorating National Science Day, a project competition was organized.



World Cancer Day



In commemoration with World Cancer Day, a rally was organized on 16th February, to create awareness about cancer by carrying placards and shouting out slogans.

International Women's Day



International Women's day was celebrated by conducting various programs by the Department of Civil Engineering. Inspiration talk, Feminine Hygiene Talk, Outreach activity like Tree Plantation was organized on 8th Mar, 2023 for the welfare and awareness of girl students.

World Prosthodontist Day



In commemoration with World Prosthodontist Day which falls on 22 January an event was organised by the department of prosthodontics and implantology.

National Pharmacy Education Day

On the occasion of National Pharmacy Education Day, Dr. Y. Ismail, Associate Professor, Crescent School of Pharmacy, BSACIST has delivered a talk on "Importance of Pharmacy Education in India".



Road Safety Training Programme

The NSS unit of Sathyabama Institute of Science and Technology, Chennai in association with Quality Circle, Parveen Travels (P) Ltd, Chennai conducted the Road Safety Training Programme to our first year students.



Awareness on Diabetes

The Department of Medical Laboratory Technology, Clinical Nutrition and dietetics & Department of Biomedical Engineering organized an outreach program on 06, March 2023 at the Primary Health Center, Semmancheri. It was an awareness program along with drama. The main purpose of this program is to give knowledge about diabetes, obesity, and anemia.



Awareness on Intellectual Property Rights

Sathyabama in Collaboration with National Intellectual Property Awareness Mission Conducted Awareness Programme on Intellectual Property Rights for Students.



Electric Ray Awareness camp

Centre for Climate Change Studies in association with Tamil Nadu Tourism Development Corporation, and Blue Flag India had organized Electric Ray Awareness camp on 8th April, 2023.



Awareness on Communicable Diseases

NSS and YRC Unit in association with Indian Red Cross Society, Chennai Branch organized the Health Awareness Programme on Communicable Diseases on 28.02.2023.



Overcoming Challenges- Women Into Action

Department of Aeronautical Engineering, School of Mechanical Engineering organised an Inspirational Talk on "Overcoming Challenges- Women into Action" on 09/03/2023. The resource person Dr. Vidhya Venugopal, Country Director at NIHR-EC-NCD has delivered a lecture.



Real-Time PCR

The Centre for Drug Discovery and Development organised a Two day workshop on "Real-Time PCR in the Life Science, Biomedical and Epidemiology Research" on 06th and 7th January 2023.



Western Blotting and qPCR Techniques



Centre for Molecular and Nanomedical Sciences has organized a three day workshop on 'Western Blotting and qPCR techniques' from 16th to 18th February 2023'.

Backyard Fish Culture



To commemorate the International Women's day Celebration on 07.03.2023, Col. Dr. Jeppiaar Ocean Research Field Facility, Center for Ocean Research in association with MoES - Earth Science and Technology Cell has jointly organized a "Skill based training programme for Women on Backyard Fish Culture.

Sea Shore- Mangrove



Centre for Ocean Research in association with "Earth Science and Technology Cell, Ministry of Earth Sciences" organized Three Days Training programme on "Sea Shore- Mangrove Associated Fauna along Chennai Coast: From Basic Taxonomy to Recent Trends" from 01st March - 03rd March 2023.

Boot Camp



Tamil Nadu Student Innovators Award TNSI 2022 , a 3-Day Boot Camp was organized at our Campus In collaboration with Entrepreneurship Development and Innovation Institute, Govt of Tamil Nadu from 10.03.2023 to 12.03.2023.

STUTI - Training Programme



Sathyabama Institute of Science and Technology and NIT Warangal jointly organized "DST Funded- Synergistic Training Program Utilizing the Scientific Technological and Infrastructure (STUTI) on Advanced Fabrication and Characterization Techniques of Nanomaterials" from 4th to 10th January 2023.

International Alumni Meet, Dubai



The Chancellor and President have interacted with all the alumni who are making us proud with their exemplary standards. "Dubai Alumni Chapter" official bearers are delegated to Mr. Akkinse Varghese as President and Mrs. Siji George as Vice President.

25th Year Reunion



Silver Jubilee Reunion of 1994 - 1998 batch of Engineering Students



Global Skill Initiative



Sathyabama Institute of Science & Technology collaborates with ServiceNow to accelerate student digital skill development. This program expects to benefit 500 students per year and is part of a global skilling initiative called RiseUp with ServiceNow.

ISRS General Body Meeting



Indian Society of Remote Sensing, Chennai Chapter in association with the Centre for Remote Sensing and Geoinformatics organized General body meeting and Executive Council election for 2022-2024 on 25th March 2023.

Launch of Madugai Project



Dr. MariaZeena Johnson, Chancellor and Sathyabama Brand Ambassador, Actress Nayanthara launched '**Madugai - The Strength**', a health and hygiene project for Government Higher Secondary School Girl Students as a part of socio-community welfare project during the Cultural Fest 2023, to mark Sathyabama Institute of Science and Technology's 35 years of academic excellence.

Chancellor's Scholarship



The Chancellor's Scholarship - Merit award distribution ceremony took place on 14th June, 2023. Chancellor, President and Vice Presidents congratulated all the students who received merit certificate and reward. There are 26 students who have availed Anbu Scholarship stood in top positions as per academic merit also received this award and were appreciated by the Management.

32nd Convocation



32nd Convocation was conducted on 14th August, 2023. Prof.Dr.T.G.Sitharam, Chairman, AICTE is the honourable chief guest and delivered the convocation address. Gold medals for the 47 meritorious students were presented by the Chancellor. Col.Dr.Jeppiaar Best thesis award was presented by the chief guest and 102 research scholars were awarded with Ph.D degrees.

Teachers' Day Awards



Faculty members were appreciated by the management with cash award and certificate for their high impact publications, research projects, highly cited researchers, product patents, fellowships and startups during teacher's day celebrations. Also, NPTEL awardees, Top 2% influential scientists by stanford university, highest video lectures were also appreciated with cash award and certificate.

NAFSA, 2023



Dr T Sasipraba, Vice Chancellor and Dr.Preethi Sheshadri, Head International Relations represented our Institution at the Indian Pavilion at NAFSA 2023, Association of International Educators held at Washington DC USA from May 29th - June 2nd 2023.

RIDE, 2023



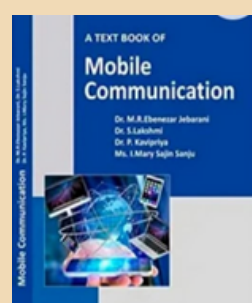
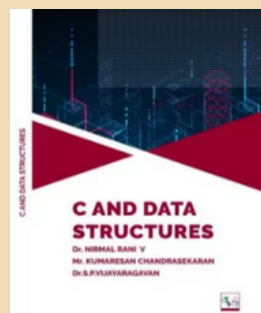
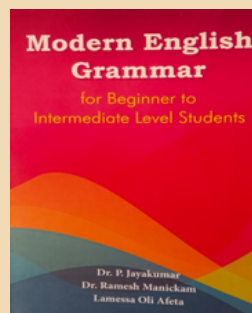
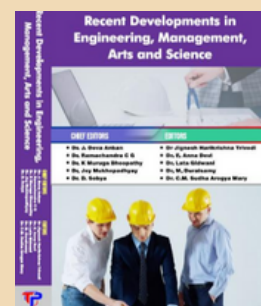
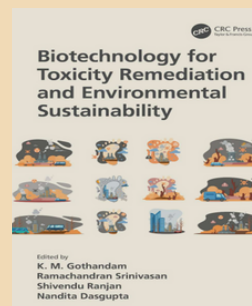
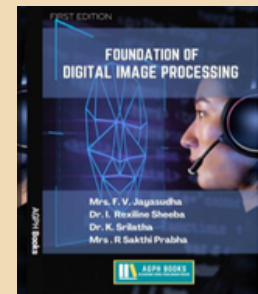
RIDE 2023 was organised to celebrate the International Women's Day started with the Womens' Riding Event followed by other talent shows. 40 women students participated in the Bike Ride for 20 kilometers from Adyar to Chemmenchery. The Grand Launch of Royal Enfield "Himalayan Rider" was organised to promote bikes for Women.

International Conference



The Centre for Drug Discovery and Development organized 3 days International Conference on "Translational Research in Drug Discovery and Development for Sustainable Healthcare" on 3rd-5th May, 2023. The event commemorates the World TB day and International Day of Immunology.

A group of students in school uniforms are standing on a stage, holding up a banner that reads "SATHYABAMA". The banner also features the text "SATHYABAMA" and "SATHYABAMA". The students are holding the banner in front of a building with a yellow wall.



Transformation in Automotive Industries

The Department of Mechanical Engineering organised an Expert Talk on "Transformation in Automotive Industries" on 07/01/2023. The resource person is Dr. A. Ragothaman, Divisional Manager, Technical Center, Ashok Leyland, Chennai.



Power Industries Manufacturing and Operations



Department of Aeronautical Engineering organised an Expert Talk on "Power Industries Manufacturing and Operations" on 18/03/2023. The resource person Mr. Raghvendra Pratap Singh, sourcing & procurement engineer at General Electric has delivered the lecture.

Web3 and Blockchain Technology



Placement Cell organized an Expert Talk on "Web3 and Blockchain Technology". The guest of honor was Mr. MohanBabu Velusamy, CEO, Inocyx Technologies Pvt. Ltd.

Expert Talk on Web3 and Blockchain Technology

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Azure Open Source Day



Placement Cell organized "Azure Open Source Day", an initiative by Microsoft Azure. Speakers are, Mr. Navaneethan Gopal, Principal Data Scientist at Ingram Micro, is the Lead for the Azure Developer Community.

Top 3 Careers after Graduation



The Department of Mechanical Engineering organised a seminar on "Top three careers after graduation" on 20/01/2023. The resource persons Mr. D.Santhosh is the Director of IMS Anna Nagar, and Mr Syed Saleem Head Student Awareness TN -IMS gave the detailed explanation on the Higher degree programs in India and Abroad.

Training Session on Machine Learning

Google Developer Students Club conducted "Make an Impact" - A peer to peer training session on Machine Learning (ML) was conducted during 14th -16th February, 2023.



Web Design and Development Training

Microsoft club of Sathyabama Institute of Science and Technology conducted "Dive into Web Development" - A peer to peer training session on 15th and 16th February, 2023.



Workshop on Pharmacovigilance



Pharmacy Journal Club has organized a two day National Workshop on Pharmacovigilance during 27th and 28th January, 2023. Insights on Pharmacovigilance and ADR reporting methods with softwares were elaborately demonstrated by the resource person Dr. Sarang. P, Drug safety Associate and clinical Researcher, ICON.

Induction of Catalyst Club

Sathyabama Institute of Science and Technology has inducted "Catalyst" club on 13th February, 2023 into its fold. During this inception, an orientation session on the significance of student publications, innovative projects and possible ways to improve research driven thought process among students was discussed.



Design and Thumbprint Competition



Design club conducted "ARTATHON" - A design and thumbprint competition on 17th February, 2023.

Cadnovation



AICTES SPICES Innovation Club of Sathyabama Institute of Science and Technology conducted "Cadnovation" on 21.03.2023. A Hands-on training experience in designing electronics and electrical projects using Tinkercad software is given to participants in peer to peer learning mode.

Orientation on learning of Chess

Chess club conducted an orientation session on learning of chess on 14th February, 2023.



The international rules of playing chess were discussed using visual aids to the participants.

Building your First DAPP on Shardeum



Hack SIST Club conducted a hands-on training session on "Building your First DAPP on Shardeum" by Mr. Prayasu and Mr. Shaan from Shardeum on 27th January 2023.

Exposure Visit



Sathyabama Institute Innovation Council organized an "Exposure visit" to FAB LAB in Col.Dr.Jeppiaar Research Park on 14th March, 2023. Experts from TBI explained to students about various facilities in FAB LAB and the journey of entrepreneurship.

Business Plan Workshop



Entrepreneurship development club of Sathyabama Institute of Science and Technology conducted "Business Plan" workshop on 21.03.2023. Mr.Sriramulu Sekar, Startup Venture Consultant, Chennai delivered the session in an interactive manner.

Social Entrepreneurship



Mr.Nagaraj Prakasam ,Co-founder and CEO of NativeLead Foundation had addressed the students on Social Entrepreneurship, event is organised by Centre for Innovation & Technology Transfer.

TN's Umanage Catalyst



Sathyabama Technology Business Incubator, hosted Startup TN's UMANAGE CATALYST Chennai on 09.03.2023 in the august presence of Thiru.T.Mano Thangaraj, Hon'ble Minister of IT & Digital Services, Government of Tamil Nadu; Thiru.Sivarajah Ramanathan, Mission Director & CEO, Tamil Nadu Startup & Innovation Mission Government of Tamil Nadu; Mr.Arjun Reddy, Co Founder and CTO of Guardian Link,

Investor Cafe



Sathyabama - TBI organised Investor Café in Association with Startup TN Chennai Metro Hub, Govt of Tamil Nadu and IDFC first Bank. an initiative to support startups in investment insights and investor connects. Mr.Ashwin Ganesh from We Founder Circle, Mr.Nawin Krishna from Kongu Angels, Mr.Adil and Mr.Abishiek from Grad.co have served as the Mentors & Potential Investors. More than 65 startups from sectors of Biotech and Life sciences across Southern India and 4 Investment Networks participated in the event.

ACCREDITATIONS & RANKINGS

(as on June 2023)



International Level

- Ranked in the band of 1001-1200 in the 2024 QS World University Rankings
- Ranked in 301-350 position by QS Asia University Rankings, 2023
- Awarded Five Star ratings by QS Stars
- Ranked in the band of 1201-1500 by the Times Higher Education World University Rankings 2023
- Ranked in the 501+ position by the Times Higher Education Asia University Rankings, 2023
- Ranked in the 801-1000 band in the Times Higher Education Subject Rankings, 2023 for Engineering and Technology
- Placed in the 401+ rank in the world by the Times Higher Education Young University Rankings, 2022
- Ranked 501+ in the world by the Times Higher Education Emerging Economies University Rankings, 2022
- Ranked in the 601-800 band in the Overall Times Higher Education Impact Rankings, 2022

National Level

- India Today has ranked Sathyabama in 46th place among Best Engineering Colleges in India for the year 2022
- Ranked No. 11 among the Top 100 Private Engineering Colleges in India by the Outlook ICARE Rankings 2022
- Ranked in 3rd place among the Top Private Engineering Institutions by i3RC Times Top Engineering Institute Rankings 2022
- Awarded AAAA+ category in the Career360 Top Engineering Colleges Ranking 2023
- Ranked in 64th position in the Career360 University Rankings, 2023
- Ranked in 10th position among the Best Private Universities in India in the Education World Magazine Survey, 2023
- Ranked No.4 among the B Schools in Chennai by the Outlook Survey, 2023
- Ranked No.14 among the Top Private Institutions offering MBA in the South Zone by the Outlook Survey, 2023

Editorial Team

Dr.M.S.Godwin Premi, Professor, Department of ECE

Dr.D.Susitra, Professor, Department of EEE

Dr.P.Chitra Devi, Professor, Centre for Academic Partnerships & International Relations

Dr.Preethi Sheshadri, Professor, Centre for Academic Partnerships & International Relations