



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

DEEMED TO BE UNIVERSITY, ESTABLISHED U/S 3 OF THE UGC ACT 1956

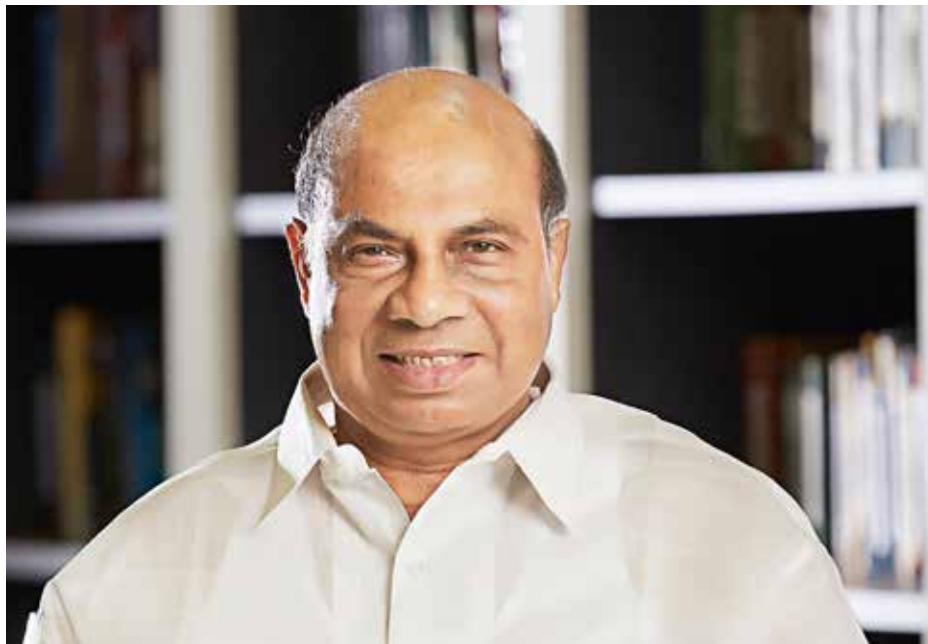
CHENNAI

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PROSPECTUS

Learn today, Lead tomorrow





Vision of Founder Chancellor

As a pioneering institution, Sathyabama has earned laurels in all fields of engineering by providing extreme talents to the demanding clients. The underlying principles of discipline and hospitality have added glories to the institute. Education that ends up in an extremely beneficial career, that creates professionals developing technologies and products for the societal needs and creates harmony among fellow beings has been the never forgone vision which has made Sathyabama as one among the Top Institutions in India known for imparting Quality Education for producing high quality technical manpower to the nation. Sathyabama is known for offering quality education for decades and today it serves as a attractive destination for students across the world.

Colonel Dr. JEPPIAAR, M.A., B.L., Ph.D.,
Founder Chancellor,
Sathyabama Institute of Science and Technology



A Message from Chancellor

Sathyabama is the epitome of excellence for various domains of research and academics. World class infrastructure supports the vision and mission of the institute with a value addition of dedicated, highly qualified teaching fraternity.

We uphold our value system with continuous efforts in delivery mechanism. Our promise to our stakeholders is simple: Believe us, we always respect and live up to your belief.

The Institute offers 31 undergraduate programmes and 27 postgraduate programmes in diverse fields of education. State of the art Library, International Research Centre and an exclusive Research & Development Centre provide rich experience of learning and thereby fulfilling students' thirst for success. The research activity is progressive and proactive with 265 funded projects worth of around Rs.63.5 Crores, which has been sanctioned by various national organizations.

Our student is our asset, commitment is the secret of our success, our values are our strength. Students, Parents, Industrial and Academic partners support has been immense in our journey. We are happy to invite young minds to our fold every year and so become instrumental in the saga of our success, come and grow with us.

Dr. Remibai Jeppiaar
Chancellor, Sathyabama Institute of Science and Technology
chancellor@sathyabama.ac.in



A Message from President and Pro Chancellor

“When the aim is high, why the effort should not be high” – We believe consistency in effort even at the summit of success. The Institute is functioning with a rich set of core principles laid from the valuable guidance of our founder chancellor. We emphasize on “inclusive education”. The institution’s progress plan is designed with discipline, innovation and leadership grooming as prime objectives.

Educational institutions are growth engines of a country. The quality of intellectual product determines the potential of a nation and its people. All the parents’ and students’ career aspirations are most respected and realized in this soil. Around 250 companies visited campus in the last academic year. We are happy to share that all the eligible students secured opportunity of their interest and left the campus with million dollar smiles. Our campus recruitment is not just a process; it is indeed a mission to live upto the stakeholder’s belief on us.

Our founder chancellor set benchmarks to perform. We are happy to declare that we are crossing milestones of performance with divine blessings showering in the form of our students’ achievements. Strategic planning, effective leadership at every level, committed staff are the assets of Sathyabama Institute of Science and Technology. We are committed to shape your careers beyond limitation; we welcome your decision in choosing this distinctive destination.

Dr. Marie Johnson, B.E., M.B.A., M.Phil., Ph.D.,
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Dr. Mariazeena Johnson, B.E., M.B.A., M.Phil., Ph.D.,
Pro Chancellor, Sathyabama Institute of Science and Technology
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Vice Chancellor's Message

As Sathyabama successfully completes 30 years of innovative excellence in teaching and learning, we emphasize our institution's fourfold objectives, imparting knowledge by dedicated teaching, student progress, excellent research in frontier areas compounded by good infrastructure and accountability to social needs.

To achieve these objectives our curriculum is designed to ensure that our teaching learning process and resources are tuned to the current societal need, i.e. Industry Version 4.0. Our institution lays emphasis on the current trends in various emerging areas including cyber physical systems, artificial intelligence, advance manufacturing, biotechnology, nanotechnology, medical devices, water resources, 5g communication, internet of things, cloud computing, non conventional energy resources, smart grids, etc. Accordingly we have established collaborative partnership with leading industries, government sectors, and research institutions in India and abroad.

'SATHYABAMASAT' in collaboration with ISRO, a dream project of our founder Chancellor stands as a testimony to our effort to empower students towards innovation. To augment our "Eye for Excellence", we have research awards, fellowship, scholarship schemes to make the students excel in curricular, co-curricular and extracurricular activities. Our students show outstanding ability in interdisciplinary collaborative skills with hands-on engagement. Together with the faculty and staff we truly demonstrate the 'Sathyabama Spirit'.

Dr. S. Sundar Manoharan, M.E., Ph.D.,
Vice Chancellor, Sathyabama Institute of Science and Technology
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About Our Institution

Sathyabama is a pioneering institute in offering professional education, which has been serving the academic and research needs of the nation for the past three decades. Sathyabama Institute of Science and Technology (A Christian Minority Institution) formerly known as Sathyabama Engineering College was established in 1987 by Dr. Jeppiaar. Institution specializes the students in the areas of engineering, science, technology and law. The institution's progress and contribution to the field of education resulted in granting Deemed University status on 16th July, 2001. Our Institute is accredited with "A" Grade by National Assessment and Accreditation Council (NAAC). The Institute has been awarded as Category "A" Deemed University status by Ministry of Human Resources Development (MHRD), Government of India. The institution is also certified with DNV-GL ISO 9001.

Sathyabama Institute of Science and Technology with the divine blessings of Founder Chancellor Colonel Dr. JEPPIAAR, and under the guidance of Chancellor Dr. Remibai Jeppiaar, is marching towards milestones in academic and research arenas. The believers of better tomorrow and potential thinkers of holistic development in delivering best to students; our President Dr. Marie Johnson, Pro Chancellor Dr. Mariazeena Johnson and their continuous efforts ensuring the best results in every attempt of the institute. Dr. S. Sundar Manoharan, Vice Chancellor, Dr.T. Sasipraba, Pro Vice Chancellor, Dr. S. S. Rau, Registrar, Dr. E. Logashanmugam, Director Administration, Dr. B. Sheela Rani, Director Research, Dr. Igni Sabasti Prabu, Controller of Examinations and Dr. Thayumanavan. B, Dean (Dental College and Hospital) are providing the necessary support system.

Experienced staff, enthusiastic students, visionary management and positive academic ambience prevailed in the campus, as a result of which Sathyabama is ranked as 37th among Indian Universities by National Institutional Ranking Framework, Ministry of Human Resource Development, Government of India.

The Institute offers 31 programmes at UG level and 27 programmes at PG level in all disciplines. The Institute has excellent infrastructure facilities including modern laboratories, library with multimedia facilities, internet and other general amenities. Sathyabama holds great promise to expand the applications of space technology, benefiting the common man and enriching the quality of life in association with Indian Space Research Organization (ISRO). The Institute wrote a special page in the history of space

research on 22nd June, 2016 with the launch of “SATHYABAMASAT” in association with ISRO.

Centre for international relations is engaged in MOUs with several international universities. The Institute has become the potential destination in offering world class academic and research ambience, therefore attracting students from different parts of the globe.

We believe in the philosophy of “JOY OF LIVING IS IN JOY OF GIVING”. We practice and teach to students that “RIGHT ACTIONS LEAD TO GREAT RESULTS”. Our delivery mechanism is built on the concept of “LEARN TODAY AND LEAD TOMORROW”. We aim to be the destiny of efficient and responsible technocrats, who are fit enough to serve the industry and society.



Programmes Offered

School of Computing

- B.E. - Computer Science and Engineering
- B.Tech. - Information Technology
- M.E. - Computer Science and Engineering
- M.Tech. - Information Technology

School of Electrical and Electronics

- B.E. - Electrical and Electronics Engineering
- B.E. - Electronics and Communication Engineering
- B.E. - Electronics and Instrumentation Engineering
- B.E. - Electronics and Telecommunication Engineering
- M.E. - Applied Electronics
- M.E. - Embedded Systems
- M.E. - Power Electronics & Industrial Drives
- M.Tech. - VLSI Design
- M.E. - Embedded Systems & IOT

School of Mechanical

- B.E. - Aeronautical Engineering
- B.E. - Automobile Engineering
- B.E. - Mechanical Engineering
- B.E. - Mechatronics
- M.E. - Computer Aided Design
- M.E. - Thermal Engineering

School of Bio and Chemical

- B.Tech. - Biomedical Engineering
- B.Tech. - Biotechnology
- B.Tech. - Chemical Engineering
- M.E. - Environmental Engineering
- M.Tech. - Biotechnology
- M.Tech. - Medical Instrumentation

School of Building and Environment

- B.E. - Civil Engineering
- B.Arch. - Bachelor of Architecture (5 Years)
- M.E. - Structural Engineering
- M.Arch. - Building Management
- M.Arch. - Sustainable Architecture

School of Business Administration

- B.Com. - Bachelor of Commerce
- B.B.A. - Bachelor of Business Administration
- M.B.A. - Master of Business Administration

School of Arts, Science and Humanities

- B.A. - English
- B.Sc. - Visual Communication
- B.Sc. - Physics
- B.Sc. - Chemistry
- B.Sc. - Mathematics
- B.Sc. - Biochemistry
- B.Sc. - Biotechnology
- B.Sc. - Microbiology
- B.Sc. - Computer Science
- B.Sc. - Psychology
- M.A. - English
- M.Sc. - Physics
- M.Sc. - Chemistry
- M.Sc. - Mathematics
- M.Sc. - Visual Communication

School of Medicine

- B.D.S. - Bachelor of Dental Surgery
- M.D.S. - Paedodontics & Preventive Dentistry
- M.D.S. - Conservative Dentistry & Endodontics
- M.D.S. - Orthodontics & Dentofacial Orthopedics

School of Law

- B.Com. LL.B. (Hons) - Bachelor of Commerce and Bachelor of Legislative Law (5 Years)
- B.A. LL.B. (Hons) - Bachelor of Arts and Bachelor of Legislative Law (5 Years)
- B.B.A. LL.B. (Hons) - Bachelor of Business Administration and Bachelor of Legislative Law (5 Years)

Research Programmes

(In all disciplines of Engineering / Technology, Management and Science)

- M.Tech. - Biopharmaceutical Technology
- M.Tech. - Industrial Biotechnology
- M.Sc. - Medical Biotechnology & Clinical Research
- Ph.D. - Doctor of Philosophy

Our Campus

Greenery Greets

IT Highway hosts Sathyabama Institute of Science and Technology, which is nearer to any dense part of the city of Chennai. The campus greets with greenery, treats with smiles of people, yields the sense of intellectual satisfaction. The academic blocks silently lined up for moulding next generations of the society, the monumental research buildings standing tall symbolizing the workmanship of human excellence, the vast grounds with world class sporting facilities promising and ensuring exceptional sporting talent, invites from the gate that showcases the technical triumph in our journey i.e. the model of "SATHYABAMA SATELLITE". This is an eco-friendly environment filled with ideas of synergy.

Fusion Centres of Ideas - The Schools

These are the centers for ideating, practising and implementing. The optimum utilization of efficient human resources, infrastructure and other learning areas are the basis of these schools. Departments represent specializations in respective school, actively involved in giving technical inputs and in producing technocrats.

Incredible Infrastructure

The Institution holds a robust transport system facilitating easy mobility of students and staff from every nook and corner of the city to campus. Academic blocks with well ventilated classrooms, Spacious dining halls, Modern kitchens, Bakery, Hostels with integrated facilities, Student activity centers, Smart class rooms are serving as the platforms for student deliberations about emerging technologies. Technology enables us to grow faster to foster novel opportunities for teaching and learning with the support of wireless networking and specialized audio - visual capabilities. Technology driven, eco-friendly campus reflects the ease in learning and living.

The central facilities available in campus to all students and staff include bank, automated teller machines, health care centers with round the clock medical officers, reverse osmosis plants, leased internet line, child care center. Separate hostel facilities with spacious rooms for the students of both genders and guest rooms are available. The hostels are equipped with computer labs, wi-fi, telephones, ATMs, photocopiers, fitness studios, stores, meditation center and spa with multi-user facilities. There is a modern day-care centre for children. It aims at providing quality care based on modern, scientific and professional principles to the children of our staff.

Research Facilities

The International Research Centre and Col. Dr. Jeppiaar Research Park are the two major wings of research apart from the academic research. Ease in accessibility, knowledge



transfer, making global foot prints are the prime objectives of these research facilities. Global leaders of research visits, guides and participates in the activities of these centres. Noble laureates lectures, Scientists innovative explorations, Research scholars untiring experimental works provides a comprehensive idea of research for the young graduates and develops inquisitive method of learning. These centres are busy in connecting the International Research Community with our ever enthusiastic students. State of the art research facilities are at the reach of the students and scholars in the areas of research ranging from remote sensing and geo-informatics to animal research and climate change studies.

Library

“One best book is equal to hundred good friends” – Our monumental central library houses thousands of distinct collection of technical and non-technical books. Library possess different wings in the form of Advisory Bureau of Higher Studies, Digital Library, Presentation Halls, Jeppiaar IAS coaching centre and Serene Reading sections catering to the diverse needs of the students.

Journals, theses, e-learning resources, flexible reading hours, comfortable reading spaces, wi-fi facility, back volumes, autobiographies, competitive examination books, research articles of national and international origin makes an ardent reader satisfied and an occasional reader to develop the habit of reading.

Advisory Bureau of Higher Studies (ABHS) is a constituent of Central Library. A rare and chosen collection of more than ten thousand books available exclusively in this section.

ABHS is actively involved in conducting certificate courses such as “VEDIC ENGINEERING” and

foreign language courses such as Spoken Japanese and German Language. Exclusive CAT, GRE training classes are conducted in the campus for assisting student in making their dream choices.

Placement Cell

Proud hearts wishes, one who visits this place. Confident eyes keeping constant watch on the industry opportunities. Proactive minds, which are busy in shaping your careers reflects our work culture. Placement cell is the most happening place in the campus.

Our placement cell takes up training and mentoring. Programs are designed as company specific models and are much advanced and suitable to the requirements of the industry. These programs are conducted in association with institutes of repute and by the subject experts in the campus. The placement cell offers the student an interactive, learner-centric, user-friendly, robust test taking platform, which gives immediate insightful performance report. The placement training starts from the first year and ensures the best opportunity for the deserving students.

Dental College and Hospital

Dental college is the most valuable addition to the Institute in terms of service offered to the nearby sub-urban areas. This is the fine illustration of world class infrastructure, which has all the major divisions of specialization and laboratories relevant to dental surgery such as microbiology, pharmacology, oral medicine, periodontics and prosthodontics etc. A general hospital with 100 bedded facilities and round the clock availability of doctors is serving not only our students but also the general public through mega dental camps and regular medical services.



Teaching Excellence

“Teaching is an Art”. Every Successful Student is the Epitome of the Noble Work of Teacher.

You'll be taught by the best

We have experienced pool of exceptional “GURUS”, who can inspire student at every level of learning. “Research based interactive teaching” invokes the technical brilliance of the student and enrich the skill set. “Transformation of an ordinary student into an extraordinary performer” is the central principle of teaching in the campus. We are working with these core principles and ethical value system.

Holistic knowledge is being imparted to student with comprehensive view points alongside of specific technical goals. Besides seminars, workshops provide an opportunity to present and share the ideas, laboratory based teaching allows student to experiment on what was taught in the class room.

New ways to learn

Teaching at Sathyabama emphasize on improving the core competency of the advanced learners and in reaching out to the academic needs of the slow learners. Balance in delivering topic, measuring merit based on questioning, analysis and interpretation skill of the student and instigating the interlacing thought process of the topic are focal points of teaching. Mega classrooms and Mentor-Menti programs helps the student to get holistic learning environment.

Honing Language Skills

We offer English language speaking skills and Soft skills training to students right from the first year. “English Language Lab” was set up to cater especially to the linguistic needs of rural students. This lab also offers various set of modules for improving the vocabulary, pronunciation and speaking abilities for slow and advanced learners.

These programs are critical in honing student language skills for confidently facing the interactive challenges at work place after graduation.

CBSS & CBCS

Choice based staff selection system and Choice based credit system, modified academic curriculum with more emphasis on corporate needs, open electives, credits for internship and semester abroad program are the measures taken to induce prolific quality component into the system. Continuous evaluation system is further strengthened with 50-50 percentage weightage system that is in place for internal and external examinations respectively.

Extra Mile for Student Smile

We strive for giving the best to our students. Every student is provided with access to various Academic, Medical and Psychological support systems available in the campus. Student counselors COUNSEL the students in all the academic aspects and provide necessary assistance and suggestions for their overall performance. Student grievance cell, Anti-ragging cell and Women grievance cell take care about the complaints and grievances if any and address them immediately. Any form of ragging by the student is seriously examined and stringent disciplinary action will be taken to ensure zero-ragging campus. Psychological counselors are available for assisting students in various aspects.

Inspiring learning environments

Our programmes enable you to gain hands-on experience with best facilities in the country. We've created learning environments that are as close as possible to the real world.

Research Excellence

Every Institution is recognized by its research potential. Research in the campus has its own expansion and diversity in various domains which include Remote Sensing, Ocean Research, Nanotechnology and Space Technology. We have established several research centres in collaboration with National Research organizations. 265 funded projects worth of around Rs.63.5 Crores have been sanctioned and many of them were successfully completed.

We give utmost importance in facilitating researchers with excellent infrastructure. The “International Research Centre (IRC) and “Col. Dr.Jeppiaar Research Park” are the platforms of global competence in terms of infrastructure and research activity. This is possible with the chain of exceptional laboratories, their optimum utilization resulted in enhanced academic and research intent among the staff and students. These research centres are serving as the knowledge base and experimental forum for the academicians and researchers.

Collaborations

We have undertaken various sponsored and collaborative Research and Development projects funded by National organizations such as Indian Space Research Organization (ISRO), Department of Science and Technology (DST), Indira Gandhi Centre for Atomic Research (IGCAR), Defense Research and Development Organization (DRDO), National Institute of Ocean Technology (NIOT), Board of Research in Fusion Science and Technology (BRFST), Institute of Plasma Research (IPR), Ministry of Environment and Forests (MoEF) and many others.

The outcomes of the R&D projects taken by the Institute lead to increased facilities for innovative teaching, learning and research activity, indigenous development and commercialization of new products and ideas, long term collaboration



with renowned R&D organizations in India & Abroad. Encourages in-house research and consultancy projects to solve the crucial needs of the industry and research organizations, so that prompt technical solutions can be rendered.

International Research Centre and Col. Dr. Jeppiaar Research Park

The International Research Centre (IRC) stands as the true reflection of the global expertise in terms of ideating, implementing and consulting. Enthusiastic researchers from abroad participate and pursue in the active research in this facility. “Nano Umbrella” is the finest innovation emerged out of the technical competence of this installation. In order to promote the fundamental research and to stand as the live wire for research in life science for the country, we established the Col. Dr.Jeppiaar Research Park in 2015. This is truly an international standard monumental facility , which is a value addition to the success tale of Sathyabama in research.

Being aware of the importance of research to confront scientific and technical challenges in the global scenario, we conduct research activities to mobilize the knowledge resources available for research and to come up with innovative solutions.

Centre for Academic Research offers Ph.D. Programme (Internal / External). Research is offered in all branches of Engineering, Technology and in Arts, Science and Humanities. Admissions are offered twice in a year. This centre provides research opportunities to the aspiring candidates serving in Educational Institutions / Industries / Research Organizations / Research Laboratories and Government Departments. Numerous patents are filed by the faculty and students of the Institution.

In order to promote fundamental research, Col. Dr. Jeppiaar Research Park was established and equipped with the conjugation of Centre for Ocean Research, Centre for Drug discovery and Development, Centre for Animal Research and Technology. Centre for Laboratory Animal Technology and Research, which is CPCSEA appproved and equipped with sophisticated

facilities to carry out preclinical studies of the lead molecules obtained from the Centre for Drug Discovery and Development, which is dedicated for exploring metabolites against TB and HIV from extreme ecosystems with biosafety level labs to handle infectious organisms. Centre for Ocean Research is equipped with several analytical equipments to enable marine research and produced several products and patents. These research centres have played vital role in addressing major health challenges as well as empowering the livelihood and contributing to societal changes.

Technology Business Incubator

Technology business incubator was established in association with NSTEDB –DST that supports ideology, fosters knowledge at every level and transform the ideas into reality, hypothesis to conclusion and passion into product. It provides potential market for the innovations of the research centers. This is attracting the young researchers as they will be in a state to enjoy every needed facility in a unique platform.

Sewage Plant

This is to treat the sewage influent generation in the Institute and to reuse the treated sewage for gardening.

This STP design has a capacity of 20 hours of operation. It has an average flow rate of 75 m³/hr. This is one of the eco-friendly initiatives of the institution. The optimum utilization of resources and recycling of wastage is possible with this plant.

We are consistently making significant footprints in the field of research in National and Global arena. A great vision of the founder chancellor has placed the institution in the elite club of academic and research excellence in the country.



Research Collaborators and Placement Partners



Your future

Sathyabama endeavors to cultivate the required employability skills for its students to win the war of talent. We know how to help you to stand out from the crowd.

You'll gain more than just a degree

Employability is your passport to the world of work and is about more than just studying for a degree. Your learning experience as a student of SATHYABAMA will be packed with opportunities. The programmes are designed to help you graduate with a CV that will impress your future employers.

Planning for your future

We possess full-fledged proactive "Placement cell" that continuously monitors the employment opportunities available in various domains and arrange the campus interviews for the eligible students both at Undergraduate and Postgraduate level. We have the State of the art Placement Cell infrastructure, which comprises Auditorium, GD Panel rooms, Closed Interview Panels and Conference Hall.

Your network of opportunities

The entire facility is designed keeping in mind to ensure that both students and the recruiters have a comfortable recruitment experience. Placement cell is offering training from first year onwards to students. Our placement cell has won awards and laurels from the industry for the efficient manpower and sustained collaboration in exchange of knowledge.

Our Campus recruitment program starts during the final year as per the 'NASSCOM' guidelines. The on-campus recruitment program keeps continuing till the end of the final semester. Assistance will be given to our students by arranging off-campus interviews.



Every Programme has a work experience opportunity

Industry-Institute Collaboration

Through our strong Industrial connect , we understand that the ongoing challenge for industry in finding engineering graduates who are up to date on the latest trends and technology innovations. Employers want new hires who can plug-in and be productive from day one, instead of requiring costly and time-consuming training to get them up to speed. It is our top most priority to meet this demand to produce professionals. Industries from various sectors are part of our academic board and they have a strong voice in designing our curriculum.

Gearing up to embark professional Journey

Our students are groomed using the right blend of theory and practice, with highly effective teaching pedagogy. The students undergo a metamorphosis for unfolding their potential, developing skills and stimulating intellectual growth.

Skill Based Training

Students' skills are diagnosed to identify their strength and weakness. Students are chosen for Dream Team and Super Dream based on their learning capacity and skills are developed to satisfy the skill expectation by the high paying companies. We offer domain specific training to cater to the need of niche hiring for specific roles offered by Industries.

Work Shadowing – Internship

The internships are the biggest learning period for students as it helps understand and practice a specific job role by observing an employee at their work place. Our students are guided and supported to get their feet wet in the industry environments before they graduate.

Diverse Placement Segments

Placements have expanded substantially with diverse segments of companies like Product Development, IT Services, Mechanical, Healthcare, Construction, Communications, Aeronautical, Automobile, Management, Human Resources, Finance, Operations and Start-ups.



Your world of opportunities

Study abroad - Broaden your horizon

Study abroad is a perfect compliment to all the splendid things that Sathyabama offers on campus. It is one of the best ways to experience different academic environment across the globe that provides a lifetime opportunity to meet new people and discover new cultures. A short period abroad will definitely have a great impact on the student's learning process. To learn and live overseas helps understand and appreciate the uniqueness and the similarities of one's own customs and culture with that of others. Semester Abroad Programme (SAP) gives an experience beyond the conventional classroom learning. Centre for Academic Partnership and International Relations facilitate and guide the students in choosing the Universities and supporting in the process. We have tied up with more than 150 Top Universities worldwide.

Road to the world after Graduation

Sathyabama provides guidance for your higher studies at top-notch academically and culturally affluent Universities. To prepare the students for higher studies, GRE, GMAT, TOEFL, IELTS, GATE, CAT classes are offered by renowned Training Institutions. A separate and well equipped library is set up and is available for the students 24/7 to enable them to prepare. Sathyabama's Centre for Higher studies counsels and supports the students for their enrolment at Universities across the world.

Languages – Beyond boundaries

Knowing a foreign language has become a requirement as students travel across boundaries for their semester abroad, higher studies and International employment opportunities. Advisory Bureau for Higher Studies at our Institution conducts foreign language courses for the students.

Language Experts teach basic and advanced courses in languages which include Spanish, French, German, Japanese, Mandarin and Italian.



OPPORTUNITIES UNLIMITED



Awards and Accolades



37th Rank among the Engineering Institutions in India by The National Institutional Ranking Framework, MHRD Govt of India, 2018.

We are one among India's Top 50 Institutions for the past three consecutive years.

Our Institution has been awarded Four Stars Ratings for Overall Performance by QS (Quacquarelli Symonds), World's No.1 Ranking organization. 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.



Our Institution is one among the 42 Institutions from India to be featured in the Times Higher Education World Ranking.



Positioned 351+ in the Times Higher Education Asia Ranking 2018.



Sathyabama Institute of Science and Technology was awarded as

- University of the year
- Excellence in Faculty (Special Mention)

By Federation of Indian Chambers of Commerce and Industry, 2017.

Ranked No. 2 among the Private and Deemed Technical Universities in South Zone and Ranked No. 6 in India by THE WEEK Survey, 2018



Categorized as AAAA Grade Institute according to Careers 360 -Top Engineering Colleges Survey, 2018.



Ranked No. 8 among the Private Universities in India by India Today, 2018

Ranked No. 24 among the Engineering Institutions in India by Education World, 2018



Top Private T Schools in India by Dataquest-CMR Best Tech School Survey 2018

Selected as a Participating Institute for Unnat Bharat Abhiyan 2.0, a Ministry of Human Resource Development Initiative in association with UGC & AICTE for the development of rural India.







Studying at Sathyabama

Student life

The liveliest age of life is the student life in the campus. We understand the desire and need of the modern day student and the kernel of our system is designed in the best interests of the student. Student development cell of Sathyabama is the best platform to celebrate the INCLUSIVE SENSE OF STUDENT LIFE. Sathyabama stands unique in matching the CHOICE of a STUDENT in realizing their LIFE's career aspirations.

Students in Classrooms

We understand the significance of classroom teaching and always put the best foot forward in adopting effective teaching methodologies.

Research based teaching, interactive sessions and admirable academic ambience invites you to experience the pleasure in learning. You'll develop new skills and enhance your employability.

We believe that Classrooms are "SOCIAL LABORATORIES". We hold the responsibility of developing technical manpower to the society embedded with value system.

Student Ambassadors

Student Ambassadors represent the effective channel of communication. Ambassadors

serve the purpose of bridging information gaps. They represent the suggestions of majority of the students and convey the same to the administrative bodies. Organizing, Problem solving and Leadership qualities enrich the Student caliber as an Ambassador.

Student Counselors

Every class is supported with a Student Counselor, who consistently addresses the immediate academic, psychological needs of the student of that particular class.

Serving Noble Aspirations

Jeppiaar IAS Academy providing the exemplary training for civil service aspirants. YRC, NCC, NSS, Institution Band are representing us in serving the society . Our NSS unit is known for getting the awards such as "HIGHEST BLOOD DONOR" of the year.

A bit of culture

Artistic talent of the individuals is the reflection of the mood and culture of the society. SATHYABAMA has many forums for the exhibition of student inherent potential and thirst to express beyond academics. We had greatest privilege and pleasure to celebrate the extravaganza, "CULTURALS" for all the students to encourage their cultural talents.





Accommodation

We're your home away from home

The Institute is housing 5 hostels for Boys and 5 hostels for Girls in a gargantuan area of 16,75,000 Square feet. Hostels are equipped with facilities such as Laundry, Fitness centre, Computer centre, Reading space and Mess Hall. "SAFETY" is the prime objective in the campus and the institute is known as "SAFE HEAVEN" especially for girl students. All the academic and daily needs of the students are in the campus and within reach for each student, making hostel life pleasant and comfortable. HOSTEL CAMPUS is known as "HOME AWAY FROM HOME".

Facilities

The Hostels are in reachable distance from classrooms and sports facilities, to support the ease in mobility. All the hostels possess well ventilated living rooms attached with bathrooms. Facilities such as 24X7 Medical support, Fax, Fitness studio, ATMs, Spa, Xerox and Courier service, Binding sections, Emergency transport system, Computer labs, Indoor stadium and Stores are the support systems for the SERENE and SAFE STAY.

Health

Fitness Centers

Dedicated fitness centres are available for boys and girls, which are in close proximity to the hostels.

Emergency treatment

Student shall approach "STUDENT HELP DESK" in health emergencies. Student Help Desk assists students in getting emergency health aid by immediate coordination with dispensary. In case of further diagnosis student will be treated in "Sathyabama General Hospital". Medical insurance is provided for the students.

Sports

Sports always played an important role in the evolution of the institution and claims a fair share in our progress.

Excellent sport and fitness facilities

We are proud of not only having excellent sports facilities, but in having produced sportsmen of the highest caliber, who have represented the country in various disciplines like volley ball, basket ball etc.

Keeping it competitive

Student can chill out in playing games like Hockey, Football, Cricket, Tennis and other indoor games. We encourage students in participation of the National and International tournaments and several students achieved laurels to the institution. We are in association with AIU (Association of Indian Universities) host tournaments related to Chess, Taekwondo, Cricket, Squash and Basketball. We also conduct sports competitions to Corporates and School Students.

The institution gives vital space for sporting talent. Related mega tournaments are organized in the campus to match the spirit of sport among the students. We recently organised UBA Season-4 Pro Basketball League and 25th Year Dr.MGR Trophy Inter Institutional T20 Cricket Tournament. All India FIDE rating Chess tournament, South Zone Inter University Women Cricket Tournament, Wheel Chair Basket ball U-23 team training camp, All India Inter Squash Rackets Men & Women tournament are some of the major events hosted in the recent past. Playing for fun or pride, the best place is "Sathyabama".



Services and Facilities

The fruits of professional educational system should reach the common man at an affordable level. Growth engines of the nation always are empowered with the inclusive model of education. Sathyabama is proud to impart these values in offering education to the poorest of the poor through various scholarship windows.

Merit is the basis of admission, where the merit is respected and encouraged with scholarships starting from full tuition fee waiver to various percentages based on academic performance. The leadership is keen to support the economically weaker sections by providing education, food and medical services.

Student Help Desk

“Student Help Desk” is the primary support centre for the students that address and offers instant response to the request of the student. Bonafide certificates, Fee receipts, Emergency Medical Assistance and Updates in student information database are some of the services offered by the Student Help Desk. This centre is serving as the first point of contact if you need assistance and serving as a Single Window System for Student Support Services in the campus.

Counseling and psychological support

Psychological Counseling and Support Centre is available for assisting students in various aspects. We have dedicated psychological counselors for boys and girls. The counselors are continuously engaged in addressing student requests for counseling individually and also involved in conducting counseling sessions throughout the year periodically.

Disability support

The institution adopted “Inclusivity approach” in supporting children of war-widows, orphaned, physically challenged, financially disabled, and downtrodden children.

Acid victim children are given opportunity to continue their study with full scholarship is another initiative towards inclusive societal development.

We also help “Underprivileged Students” of the society in continuing their higher education successfully by all means, right from providing free food, education and take lot of care in shaping their lives. Numerous students of this category are enrolled in the campus through ANBU SCHOLARSHIP SCHEME.

Scholarship

The institution offers scholarships to students who excel in academics. Scholarships are offered for meritorious students through “Dr.Jeppiaar Remibai Scholarship Scheme”. This performance based scholarship encourages students and also helps the parents in continuing their children’s education.

We conduct “SATHYABAMA ALL INDIA ENTRANCE EXAMINATION” all over India for admission into undergraduation programmes on merit basis every year in the mid of April. This is an online based examination conducted in all the major cities of the country. The institution is offering full tuition fee waiver for the top 25 students in this examination. This still respects the Merit, Supports the Spirit of Humanity, and Cares the student Career.

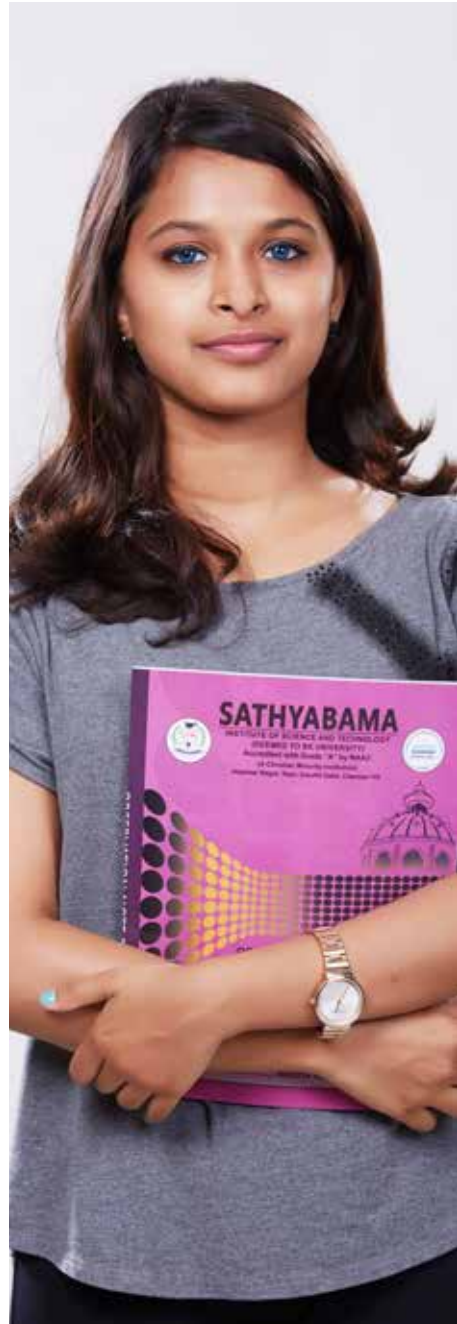
Social Outreach

“SCHOOL ADOPTION”, “ VILLAGE ADOPTION” are our initiatives in reaching out to rural and sub-urban areas. “SCHOOL ON WHEELS” is another innovative initiative to impart scientific thinking among school students. Various social outreach activities are organized by the “STUDENT DEVELOPMENT CELL” of the institution.

Academic Partnership & International Relations

The Centre for Academic Partnership and International Relations (CAP & IR) has been functioning to promote academic alliances with universities and institutes at national and international level. The Centre establishes link through MOU to facilitate research collaboration, Semester Abroad Programmes and Staff Exchange Programmes.

- We encourage students to actively participate in the bilateral exchange programme for academic activities such as doing part of their degree program in the foreign universities, taking part in the summer/winter schools, training, conferences and theme meetings
- We support students to carry out minor and major projects abroad
- Students are motivated through various scholarship programmes to continue their education in Universities abroad
- Significance of these kind of activities is to promote the development of creative individuals and to promote international understanding and exchange
- We offer opportunities for Staff to participate in the staff exchange programme with foreign universities, which provides broader experience to share, deliver best practices and pedagogy from each other's system
- Students from Indonesia, Yemen, Turkey, Argentina, Poland and Malaysia come to our Institute to undergo study for a period of one semester
- Students opting for Semester Abroad Program can study a semester or for a period of 3-6 months in any one of our Partnering Universities at Europe, UK, USA, Australia, South America and Asia.



Skill Development Centre

Skill development is a vital component for Human Resource Development. Education should always be purposeful, growth oriented and productive. "SKILL SATHYABAMA" is the slogan of the day in the campus. We understand the significance of SKILL component in the students, who are going to render services tomorrow to the society. We initiated the centre to develop the skill component among the students. Exclusive skill development wing for women empowerment works in association with the Skill Development Centre of the Institute.

Skill development center and training is an initiative to empower the youth with skills and livelihood. The Centre for Skill development and training provides short-term courses for skill development and employability. The program imparts quality education to develop analytical ability, provide technical skills and improve employment opportunity. Several Courses are offered through this centre periodically and few of them are listed as follows.

- Laptop Servicing
- Digital Marketing
- Photography
- Beautician Training
- Solar Lamp Making
- Electrician and Plumbing
- Commercial Baking
- Bio Detergent Making
- Organic Farming
- Mushroom Cultivation
- Seaweed Cultivation

Women Empowerment Bureau

Our Women Empowerment Bureau has very clear and distinct objectives. The social and economic empowerment of women is guaranteed through empowering by imparting education. Various awareness programs are being conducted on

"Elimination of violence against women", "Women rights" "Women health" "Gender streaming of policies", "Rural women development", "Marginal and Minority Communities Development" and many more.

The Women Empowerment Bureau conducts Skill Development Programs for rural and underprivileged women on Seaweed Cultivation, Solar Lamp Making, Mushroom Cultivation, Ornamental Fish Culture and Organic Farming. Short term courses on Beauty and Wellness, Commercial Baking, Electrician and Plumbing have been organized for the native slum dwellers to earn their livelihood. Programs for students such as Women Empowerment Week Special Lecture Series, Entrepreneurship workshops, Transformational Workshops and Life Skill Training are also conducted.



Student Development Cell

A group of ignited minds clustered together to provide regular inputs for the complete development of a student. The main objective of the Student Development Cell (SDC) is to identify the potential of every student and to facilitate them in achieving their academic goals through various clubs. At Sathyabama, we have 20 clubs which hold a significant part of every student life in campus. Open to all students, the clubs plan events and activities throughout the year. All the clubs together conduct an annual national level technical event called "Technosummit".

These clubs enrich the social, cultural and academic experience of students. This is a cognitive domain of knowledge sharing in various fields, which influence the larger student community and offers diverse learning practices. It provides an exclusive platform for different dimension of learning, networking and socializing outside of the classroom. SDC organizes a variety of events such as workshops, skill development courses, power lecture series, value added courses, seminars and many more.

Aero Club
Auto Club
Computer Science Club
Community Development Club
Design Club
ECO Club
Entrepreneurship Development Club
English Literary Club
Encore Club
Dr. Kalam Club
Hardware Club
Maths Club
Microsoft Club
Mozilla Club
Music Club
Robotics Club
Rotaract Club
Science Club
Tamil Club
Innovation Club



Library

SATHYABAMA Library plays an essential role in supporting your studies. The monumental library with digital section, Advisory bureau of higher studies, Jeppiaar IAS Academy caters all the intellectual and career needs of a student. The Library remains open from 8.00 A.M. to 10.00 P.M. on all working days, for all the students.

Library opens for the students till late evenings every day. Dedicated presentation hall and reading lounges are other supporting facilities in the Library.

Advanced search facilities, wi-fi, e-learning facilities, magazines, thesis, print journals, back volumes, autobiographies, rare and distinct collection of books, newspaper back volumes enhances the learning potential of a student.

Advisory bureau for higher studies

This division has the books from fiction to biographies; career building to self - help; booklets, brochures, essays, magazines, manuals, dictionaries, encyclopedias and motivational titles of the most diverse collection. An exhaustive collection of educative CDs are archived to support the student in improving communication skills. Foreign Language Coaching, training for competitive examinations are given by this window of higher studies.

Preparation to competitive examinations like GATE, IES, TOEFL, GMAT and IELTS becomes easy with the abundant material available in this section.

A Personalized Approach to Learning

You'll be able to take advantage of all the fantastic opportunities such as Library, ABHS associated with studying at SATHYABAMA. Extended learning opportunities includes Studying abroad, Skill development, Volunteering, Internships, Participatory Learning and Placements.



SathyabamaSat



The “SATHYABAMASAT” was developed by the institution under the technical guidance and support from ISRO. This satellite is very useful to Nation’s Space research in collecting the data pertinent to green house gases such as Water Vapor, Carbon Monoxide, Carbon dioxide, Methane and Hydrogen flouride. The satellite was handed over to ISRO for launch in the presence of Honorable Founder Chancellor Col.Dr.Jeppiaar on 30th April, 2016. The satellite was successfully launched on 22nd June, 2016 from SHAR Centre, Sriharikota, India. This milestone achievement was appreciated by Shri Narendra Modi, Honorable Prime Minister of India in a personal interaction with the team in the Parliament House, New Delhi on 19th July, 2016.

Alumni - Our Identity

Alumni is our Pride. Entrepreneurs, Scientists, Sports personnel, Social reformers, Artists, Authors, Leaders, Teachers and experts belonging to distinct domains are in the elite set of our alumni. We put best foot forward to engage our alumni in the development plans and their effective implementation. Our Alumni Association connects and assists in bridging industry- institute relationship.

- Time and expertise of alumni provides a significant impact on their juniors and supports the institution to take novel initiatives
- “Alumni Mentorship Program” assists the students in preparing themselves most competently for the challenges in corporate work environment
- Alumni involves in the design of curriculum, supporting policy making and contributes to the identification of active and consistent partners in the campus recruitment
- “Alumni Lecture series” is yet another medium of interaction towards student development
- Alumni is serving as an external eye for the student community, which is exploring the latest trends in technology



Sathyabama Education Methodology brought Maslow to life, who believed that before transformation, motivation is key addressing the basics. Teachers fostered positive, empathetic, progressive eco system amidst the conservative society. Recognition programs, not only in engineering but also in fine arts and in sports. Student involvement

in national, regional, intercollegiate activities and recognition on special efforts are amazing. An Engineering Degree, sense of accomplishment, I felt I had a good grasp on who I was and I graduated with a matured sense of self.

Pavithra Ramamurthy, Manager,
Advanced Analytics Information Services



“The roots of goodness lies in the soil of appreciation of the good. Sathyabama University is that place where roots, body and soul of a student is nourished to bring out the best in them at all time. It is this institution that taught me to fight my fears, push my limits and made sure I kept progressing, no matter the odds. My faculty went beyond the call of duty in infusing the spirit of persistence and passion in us, no matter how much we bothered them. The academic experience with a world class infrastructure, excellent faculty and co-curricular setup has endured me with a lifelong career excellence and moral integrity. Without the hand-holding of my Directors, Teachers and all the support staff, my approach towards life would not have been the same. 10 years down the memory lane, I still cherish every moment spent here.”

Vishal Arjun RG, IAS
Asst. Operations Manager, South Central Railways.

School of Computing

The School of Computing has pioneered in setting education standards par excellence that can be sensed by the presence of alumni in all the leading multinational software firms like Microsoft, Infosys, Oracle, Verizon, Virtusa, Cognizant, Wipro etc.

Fact file
Programmes Offered UG - 2 PG - 2
Laboratories : 11
Course Length : 4 years
Entry Requirements: <ul style="list-style-type: none">• A pass in the 10+2 / HSC/ ICSE or equivalent examination with Mathematics, Physics and Chemistry with an average of 60% marks and above (in Mathematics, Physics and Chemistry)• Candidate opting for UG programmes should appear for Mathematics, Physics and Chemistry in the Sathyabama Entrance Examination.

Key features

- The School is equipped with DST FIST Sponsored CLOUD LAB AND WIRELESS SENSOR LAB
- The School is associated with IBM System for Centre of Excellence with IBM Innovative Center for Education, CCNA / CCNP certification programme in association with CISCO, Java IoT Developer certification in association with ORACLE, Linux Certification programmes in association with Red Hat Linux and Certification Programmes in association with CDAC
- The automation support and software development for the institution is carried out by the School
- Sponsored research projects amounting to Rs. 2.50 Crores
- Mobile Application Development and Rich Internet Applications in association with Virtusa
- Enrichment programmes in the domains of Digital Marketing and Hardware Servicing
- The School is comprised of exclusive Google Club and Coding Club
- International Internship and International Summer School Certification Programmes

Your future

Widespread deployment of Computers in all the fields increased the demand for the Information Technology that provides ample job opportunities. The major domains in which the IT plays a major role include Business Data Maintenance, Business Communication, Finance Sector (banking and insurance), Manufacturing and Services Industry, Defense, Industrial Control, Medical, Aerospace, Automobile, Telecommunications, Data Analysis, Scientific and Industrial Research and much more. There is always a rise in the requirement of Information Technology Professionals globally.



UG Programmes

- B.E. in Computer Science and Engineering
- B.Tech. in Information Technology

PG Programmes

- M.E. in Computer Science and Engineering
- M.Tech. in Information Technology

School of Electrical and Electronics Engineering

School of Electrical And Electronics Engineering consistently and competently drives towards excellence with a strong emphasis on converting science to technology, the prime focus of the School is to impart quality education through hands-on training, workshops and research in the frontiers of VLSI Design, Power Electronics, Embedded systems, Nanotechnology and Telecommunications.

Fact file

Programmes Offered
UG - 4 PG - 5

Laboratories : 30

Course Length : 4 years

Entry Requirements:

- A pass in the 10+2 / HSC/ ICSE or equivalent examination with Mathematics, Physics and Chemistry with an average of 60% marks and above (in Mathematics, Physics and Chemistry)
- Candidate opting for UG programmes should appear for Mathematics, Physics and Chemistry in the Sathyabama Entrance Examination

Key features

- The School has developed on - board communication subsystem, ground station control, electronic power supply design, altitude determination control systems, calibration of spectrometer and dataprocessing in the design of "Sathyabama nano Satellite"
- The School hosts Centre of Excellence for Embedded Programming and IC Design in association with C-DAC, Pune, where students works with simulation software tools like Cadence, Mentor Graphics and HFSS
- Numerous research projects sponsored by government organizations like DST, IGCAR, BRNS, BRFST, TNSCST, ISRO, DRDO
- Technical fora, student magazine and various student development avenues help the students to transform as credible technical manpower for the electronics industry
- Students are associated with professional bodies such as IEEE, ISOI, ISA, IETE to enhance the technical strengths
- Active participation in student development cell to exhibit student's prowess in the fields of science, mathematics, literature, community development and green technology
- Association with research centers like Centre for waste management, Centre for nanotechnology, Centre for Quality Assurance and Non Destructive Evaluation to quench the thirst for research
- Excellent Industry - Institute Interaction has resulted through Memoranda of Understanding with industries like Reliance Jio, BSNL, C-DAC and many others

Your future

Our curriculum is designed in such a way to cater to the needs of core and software companies. Wide spectrum of opportunities for placement in dream companies, which are not only limited to the area of study but also to other specializations. Some of our major recruiters are Samsung, HP Electronics, NTT Data, MBit Wireless, Wipro, HCL Technologies, Infosys, Capgemini, L & T Infotech, Techmahindra.



UG Programmes

- B.E. in Electronics and Communication Engineering
- B.E. in Electrical and Electronics Engineering
- B.E. in Electronics and Telecommunication Engineering
- B.E. in Electronics and Instrumentation Engineering

PG Programmes

- M.E. in Applied Electronics
- M.E. in Embedded Systems
- M.E. in Power Electronics & Industrial Drives
- M.Tech. in VLSI Design
- M.E. in Embedded Systems & IOT

School of Mechanical Engineering

The School of mechanical engineering caters to its students with exceptional tutorial and state-of-the-art laboratories. The school of Mechanical Engineering is continuously striving to achieve excellence in education, academic and industry oriented research, consultancy work as well as Technology and Product incubation.

Fact file
Programmes Offered UG - 4 PG - 2
Laboratories : 27
Course Length : 4 years
Entry Requirements: <ul style="list-style-type: none">• A pass in the 10+2 / HSC/ ICSE or equivalent examination with Mathematics, Physics and Chemistry with an average of 60% marks and above (in Mathematics, Physics and Chemistry)• Candidate opting for UG programmes should appear for Mathematics, Physics and Chemistry in the Sathyabama Entrance Examination

Key features

- Centre of Excellence for Collaborative Product Design & Development
- Entrepreneurship Development Cell
- Industry Institute Partnership Cell
- Group of students participated in the National and International competitions such as SAE BAJA, NASA and won remarkable prizes
- Training in domains such as Non-Destructive testing, Pilot Training are offered to the students
- Students are trained as highly skilled pilots by piloting the micro light aircrafts
- Will on Wheels – A disabled friendly car, which was designed by students and staff
- Periodical workshops and vehicle design competitions for nurturing technical talent of students
- Aero students are offered special training from licensed light weight aircraft pilots
- The prime objective of the school is to mould the students in reaching their goals at National and International Sphere.
- Students are encouraged to participate in various inter collegiate/ university sports, workshops & seminars conducted by various colleges & organizations.
- Academic course work and projects are designed to endow students with the ability to apply knowledge of science, mathematics, and engineering.
- The capability to work effectively in multidisciplinary teams, providing leadership and technical expertise in the student is ensured.

Your future

Students are fit enough to be placed in the core industries such as Renault Nissan, TAFE, Emerson, FL Smidth, Motorshonywell, Ford, Honda, Toyota etc. Student can also find ample number of opportunities in R&D organizations, Aircraft Design, Automotive transportation and Pilot Astronaut and many other domains.



UG Programmes

- B.E. in Aeronautical Engineering
- B.E. in Automobile Engineering
- B.E. in Mechanical Engineering
- B.E. in Mechatronics

PG Programmes

- M.E. - Computer Aided Design
- M.E. - Thermal Engineering

School of Bio and Chemical Engineering

The School of Bio & Chemical Engineering is a paradigm of technical innovation, amalgamated with four different Departments of Biotechnology, Biomedical Engineering, and Chemical Engineering.

Fact file

Programmes Offered
UG - 3 PG - 3

Laboratories : 22

Course Length : 4 years

Entry Requirements:

- A pass in the 10+2 / HSC/ ICSE or equivalent examination with Mathematics, Physics and Chemistry with an average of 60% marks and above (in Mathematics, Physics and Chemistry)
- Candidate opting for UG programmes should appear for Mathematics, Physics and Chemistry in the Sathyabama Entrance Examination

Key features

- The school possess DST – FIST sponsored laboratory and GE – Sathyabama Centre for Excellence in Health care facilities
- Hands-on training in different instruments and Software
- Agility and adaptability in building and maintaining productive partnerships with industry, business and the community
- Strong nexus between teaching and research
- The School boasts an Institutional membership with Society of Biomaterials and Artificial Organs (SBAOI), India, Student Chapter of Society of Biomaterials and Artificial Organs, Chennai Chapter with around 50 life members
- The School possess well qualified passionate and skilled faculty from diversified inter-disciplinary fields like Microbiology, Biochemistry, Biotechnology, Chemical Engineering, Environmental Engineering, Bioinformatics, Molecular modeling, Systems biology, Computational biology, Immunology, Drug design, Biomedical Instrumentation, Medical Electronic Devices, Digital Signal Processing, Digital Image Processing and Medical Pathology.
- The faculties' experience and expertise foster the research and developmental activities to achieve various sponsored and collaborative research projects funded by DST, DBT, IGCAR, ISRO and MNRE
- Synergize the efforts of the students and faculty to evolve innovative engineering practices, teaching methodologies and generate an environment of continuous learning and research.

Your future

Students are motivated to work with Center for Bio resource Research & Development, Centre for Ocean Research, Centre for Nanoscience and Nanotechnology, Centre for Waste Management, Centre for Laboratory Animal Technology & Research. This enriches them with expertise needed to conquer global opportunities, scientific positions in R&D labs and in leading Bio and Pharma Industries.



UG Programmes

- B.Tech. in Biotechnology
- B.Tech. in Biomedical Engineering
- B.Tech. in Chemical Engineering

PG Programmes

- M.E. in Environmental Engineering
- M.Tech. in Biotechnology
- M.Tech. in Medical Instrumentation

School of Building and Environment

We envision developing the School of Building and Environment as a State of the art Research Centre in creating responsive built environment through energy efficient and structurally stable infrastructure and foster our students to face the challenges of the Dynamic World.

Fact file
Programmes Offered UG - 2 PG - 3
Laboratories : 17
Course Length : 4/5 years
Entry Requirements: <ul style="list-style-type: none"> • A pass in the 10+2 / HSC/ICSE or equivalent examination with Mathematics, Physics and Chemistry with an average of 60% marks and above (in Mathematics, Physics and Chemistry), in addition to this requirement, a valid NATA Score with a minimum average of 80 marks out of 200 is must for B.Arch. Programme. • Candidate opting for these programmes should appear for Mathematics, Physics and Chemistry in the Sathyabama Entrance Examination.

Key features

- Design build workshops are integrated with the curriculum
- Hands-on training programs in emerging software
- Achievements of Faculty and Students at National and International Forums
- Freedom of Collaborative Functioning and proficient in Team Work Performance
- Regular Visiting Faculty, Practicing and Eminent Architects/ Structural Engineers
- Regular Site visits and Collaborated Workshops
- Closely associated with Industrial Organizations, NGOs & Various Professional Bodies
- In the GHRDC Architecture Colleges Survey 2017, the Department of Architecture has bagged the 3rd rank in excellence
- Won the Indo-Global Architecture Education Excellence Award in December, 2015 by Indo-Global Chamber of Commerce, Industries and Agriculture, India
- Approved for the prestigious Limca book of Records in the year 2015 for creating the largest backdrop with recycled pet bottle caps
- Students gain practical experience from field visits to industries, various buildings, diverse building typologies, irrigation structures and construction sites

Your future

The graduates from the school have made significant contributions in the development and implementation of Civil Engineering projects globally. Students have secured admissions in advanced specialization like Emergent Technologies in prestigious Universities like Architecture Association, London, University of Manchester, University of Nottingham and University of Glasgow. The School alumni hold prestigious positions in leading academic institutions, industry and government establishments.



UG Programmes

- B.Arch. in Bachelor of Architecture (5 years)
- B.E. in Civil Engineering (4 years)

PG Programmes

- M.E. in Structural Engineering
- M.Arch. in Building Management
- M.Arch. in Sustainable Architecture

School of Business Administration

The school works with an undeterred zeal to offer its students the best of the education and experience. Our education system is anchored in the fundamentals of general management with the latest theories and best practices of the corporate world. The pedagogy is specially designed to create a healthy learning environment, a blend of theoretical concepts and application oriented experiences through case studies, internship and professional trainings.

Fact file
Programmes Offered UG - 2 PG - 1
Laboratories : 1
Course Length : 3/2 years
Entry Requirements: <ul style="list-style-type: none">• B.Com / B.B.A. (3 years): A 10th and +2 first class from State / CBSE /ICSE with minimum of 60% in Accountancy, Commerce, Economics / Computer Science• MBA(2 years): A Bachelor's degree in any discipline with 10+2+3 system with at least 60% in group subjects

Key features

- Admirable infrastructure with laboratories for hands-on training
- Well defined curriculum that enables holistic learning experience
- Special provision for earning while learning through projects
- Excellent placement record
- Successful entrepreneurial ventures supported by the management
- Practicum and on the job learning through internship at industries
- Professional training on tools and techniques of management and certification
- Industry tie-up and membership in professional bodies to enhance learning and development
- Exposure to current advancements through seminars and conferences
- Research opportunities are provided to the students to promote their learning through activities.
- Industry association to ensure further enrichment of academic content is consistently ensured.
- The school is also privileged to have received grants and funds from MWCD, MSME, TNCDW, EDI, NHRC, DST, IGCAR etc.

Your future

The School of Management offers several value added certification courses aimed at equipping the budding managers with need based skill sets and placement training programs covering aptitude tests, Group Discussions and Mock Interview for enhancing their employability. Placement in blue chip companies such as T.V.S, Bharati AXA, Punjab National Bank, Royal Bank of Scotland, ICICI prudential and The Bank of New York is a testimony for the career opportunity that the School provides.



UG Programmes

- B.Com. in Bachelor of Commerce
- B.B.A. in Bachelor of Business Administration

PG Programmes

- M.B.A. in Master of Business Administration

School of Arts, Science and Humanities

The School of Arts, Science and Humanities is a team with a strong research orientation and excellent teaching provision. The programmes are built around the knowledge and skills that employers required. The faculty work with student from day one to develop the employability credentials that will place them in good stead in today's fast-paced competitive world.

Fact file

Programmes Offered
UG - 10 PG - 5

Laboratories : 11

Course Length : 3 years

Entry Requirements:

- A pass in the 10+2 / HSC/ICSE or equivalent examination with 60% and above marks in relevant group subjects

Key features

- FIST (Fund for Improvement of Science and Technology Infrastructure) lab in Physics Department
- Funded Projects from DST-SERB, DRDO-ER & IPR, DRDO-CARS, ISRO, CSIR, IGCAR
- Faculty members of Mathematics and English impart personality development, soft skills and placement training to our students at the basic level
- In-house activities-Research Interactive Talk (RIT), Series of Guest Lectures by Scientists of CSIR Laboratories, Central University, IITM & NPL
- By identifying the level of the students, special coaching is provided besides preparing them to competitive examinations and assessment tests like TOEFL, IELTS, and BEC programmes
- Excellent Photography Lab, Television Production Lab, Sound Studio Lab, Editing Lab, Multimedia Lab ensures that students acquire not only subject-specific skills, but also helps them to develop a broad range of personal skills and knowledge
- The School caters to the scientific, analytic and artistic needs of students through rich expertise and infrastructure
- The Department of Viscom conducts number of media events, photography exhibitions, short film festivals, interactive sessions with prominent media, cinematography personalities

Your future

Learner centric approach was followed in teaching. Internships which facilitate students to pursue courses at their own pace and enhances career opportunities in major R&D laboratories like DRDO, ISRO, Semiconducting Research Laboratories, IBM, Space technology, Astronomy, Instrumentation, Atmospheric sciences, Ocean research, Pharmaceutical Companies, Noise Control, Chemical industries and in Entertainment industry.



UG Programmes

- The School offers B.Sc. in Visual Communication, Physics, Chemistry, Computer Science, Mathematics, Psychology and B.A. in English.

PG Programmes

- The School offers M.A. in English, M.Sc. in Physics, Chemistry, Mathematics and Visual Communication

School of Medicine

The School's aim is to lay a strong foundation for the students in dentistry to face the global challenges in the future. It focuses on promoting scientific thinking and meets the requirements of students who wish to practice dentistry. This five-year Bachelor of Dental Surgery (BDS) programme draws on the strengths of the Multi Specialty Dental and General Hospital housed in a large building with spacious laboratories, classrooms and well-planned Clinical Departments.

Fact file

Programmes Offered
UG - 1 PG - 3

Laboratories : 22

Course Length : 5 years

Entry Requirements:

- A pass in the 10+2 / HSC/ICSE or equivalent examination with Biology, Physics and Chemistry with an average of 60% marks and above (in Biology, Physics and Chemistry)
- As per the Supreme Court order, eligible NEET SCORE is mandatory

Key features

- Various MOUs made with nearby Villages, Schools & Industries
- Established peripheral center at St Anthony's Church, Palavakkam
- School of Medicine comprises of exclusive library, four lecture halls, medical stores, examination halls, auditorium and ten clinical departments
- Regular quality check in our programmes conducted ensuring the best manpower for the society
- The students are given a strong foundation in Basic Medical Sciences of Anatomy, Biochemistry, Physiology, Pharmacology, General Pathology & Microbiology and also General Medicine & Surgery
- The variety of case studies that the students get during the course of study helps them to get the needed expertise in this field
- Students are also trained in community dental care through dental camps organized in and around Chennai
- The School organizes student-enrichment programmes like CDEs, Seminars, Guest Lectures and Symposia
- Various programmes conducted to ensure the students to get valuable insights into the opportunities after BDS in Higher Education, Academic & Clinical fields
- The School organizes mega dental camps in and around Chennai as a part of social outreach activities

Your future

On completion of BDS, students have the option of setting up their own practices, or pursuing specialization in the 9 specialities. Students are given various valuable insights into the opportunities after BDS in Higher Education, Academic & Clinical practice and overseas opportunities. Dental graduates are trained to address the dental health and social care challenges of the 21st century.



UG Programmes

- Bachelor of Dental Surgery (BDS) of 5-year duration (including one year of compulsory internship).

PG Programmes

- M.D.S. in Paedodontics & Preventive Dentistry
- M.D.S. in Conservative Dentistry & Endodontics
- M.D.S. in Orthodontics & Dentofacial Orthopedics

School of Law

The School offers integrated Bachelor of Law program that provide innovative and well designed curriculum with a range of assessment methods and a wide choice of optional/electives. High quality teaching faculty facilitate in studying law within the broader areas of Social Sciences. This has been designed to have maximum integration of specific areas of knowledge.

Fact file
Programmes Offered UG - 3
Laboratories : 02
Course Length : 5 years
Entry Requirements: <ul style="list-style-type: none">• A pass in the 10+2 / HSC/ICSE or equivalent examination with 60% and above marks in relevant group subjects

Key features

- State of the art infrastructure
- Col. Dr. Jeppiaar Moot Court
- Well-equipped library
- Language Lab facility
- Spacious auditorium and seminar halls
- Efficient and industrious faculty
- Semester system with Choice Based Credit System
- Outcome based learning
- Credit Based Compulsory Internship Program
- Weekly Activities- Extension lectures, Debates, Quiz, Mock-Parliament, Moot Courts, Seminars, Symposium, Essay Writing
- Focus on drafting skills
- Regular interaction with law firms, judiciary, Senior Lawyers from Legal industry and other prominent personalities
- School of Law contributes to the advancement of knowledge by providing professional training across a broad spectrum of legal disciplines.
- Opportunities to participate in special programs such as the Program in Law and Technology, the Pro Bono Commitment to Community Program, internships, clinics, Law Review, moot court, mock trial, conferences and seminars events as part of the programme.

Your future

- Judicial Officers
- Advocates
- Law Officers in various firms
- Law Consultants



UG Programmes

- Five years integrated B.A;LL.B.(Hons), B.Com.LL.B. (Hons),B.B.A.LL.B.(Hons)

How to Apply

Admission to all Bachelor of Engineering/ Technology Programmes are carried out on the basis of rank secured in Sathyabama All India Entrance Examination. Information regarding the issue of application forms for entrance examination and other details are available in the Sathyabama Institute of Science and Technology website.

Admission to all the Post-Graduate Programmes and other Under-Graduate Arts and Science Programmes (not coming under the ambit of entrance exam) are based on the marks secured in the qualifying examination.

There are no other branches for the Sathyabama Institute of Science and Technology or affiliated colleges anywhere in India.

Admission Office:

Jeppiaar Nagar, Rajiv Gandhi Salai,
Chennai - 600 119, Tamilnadu, India.

Phone: 044 - 2450 3150 / 51 / 52 / 54 / 55
Entrance Examination Office: 044-24502436
entranceexam2019@sathyabama.ac.in
Fax: 044 - 2450 2344
Toll Free Number - 1800 425 1770
www.sathyabama.ac.in

Examination Centres

Andaman & Nicobar: Port Blair
Andhra Pradesh: Ananthapur, Cuddapah, Guntur,
Kurnool, Nellore, Ongole, Rajahmundry, Tirupati,
Velivenu, Vijayawada, Visakhapatnam
Assam: Guwahati Bihar: Patna
Chhattisgarh: Bilaspur Gujarat: Ahmedabad
Maharashtra: Mumbai Jharkhand: Ranchi
Karnataka: Bengaluru
Kerala: Ernakulam, Thiruvananthapuram
Madhya Pradesh: Bhopal New Delhi
Odisha: Bhubaneswar Puducherry
Rajasthan: Kota
Tamilnadu: Chennai, Coimbatore, Madurai,
Nagercoil, Salem, Tanjore, Tirunelveli, Trichy,
Viluppuram
Telangana: Hyderabad, Karimnagar, Warangal
Tirupura: Agartala
Uttar Pradesh: Lucknow
West Bengal: Kolkata

Visit us

Chennai is the gateway to the southern part of India. Chennai is a traditional city and is known as "Detroit of India". The City is well known for its tourism and hospitality, which includes UNESCO Heritage Site of Mahabalipuram. City is also known as HEALTH CARE HUB of India. Various places in the city such as Zoo, Wildlife parks and beaches are recreation centers for the visitors. Chennai can be reached by air, rail and road from all parts of the country.

Sathyabama Institute of Science and Technology is located on Rajiv Gandhi Salai (earlier known as Old Mahabalipuram Road) and in easy reach to the students from all corners of the city.

Information centers are available at:

Hyderabad (9384666883)

Nellore (9384666884)

Vijayawada (9384666885) and

Vishakapatnam (9384666886).

You can reach us from:

Central Railway Station : 27.9 Km
Egmore Railway Station : 26.6 Km
Tambaram Railway Station : 17.6 Km
Airport : 25.5 Km
Koyembedu Bus Terminal : 29.5 Km



Where do I find?

Reception block	(C, 1) 1	Class Room Block 06	(E, 8) 8	Dr. M.G.R. Ilam Boys Hostel Block 02	(G, 8) 20	Architecture SAC	(H, 7) 22
Class Room Block 01	(C, 8) 2	Class Room Block 07	(E, 8) 7	M.C.A. Class Room Block 12	(E, 3) 27	Architecture Library Block	(H, 8) 21
C.S.E. Block	(C, 7) 3	Class Room Block 06	(E, 6) 7	Auditorium Block	(C, 4) 26	First year Girls hostel Block	(C, 3) 25
E.C.E. Block	(C, 7) 4	SAC Block 05	(E, 6) 4	Janaki M.G.R. Ilam Girls Hostel 02 with Dining Hall	(H, 4) 24	Aero Hanger Block	(D, 1) 23
E & I Laboratory	(C, 7) 5	Class Room Block 04	(E, 7) 7	Janaki M.G.R. Ilam Girls Hostel 01 with Dining Hall	(H, 5) 23	Store Room Block	(F, 1) 22
E.E.E. Laboratory	(C, 7) 6	Class Room Block 03	(E, 7) 6	Dhobi room	(C, 5) 21	PG Mess Block	(G, 4) 20
Bio Info lab & Machine shop	(C, 6) 7	Class Room Block 02	(E, 7) 5	Bio tech, Visual & Bio Medical Block	(G, 6) 20	Colonel. Dr. Jeppiaar International Research Centre	(F, 6) 19
Indian Bank Block 09	(C, 6) 8	Mess Block	(E, 8) 4	Automobile Block	(H, 6) 19	International Research Centre	(E, 6) 18
IT Block	(C, 6) 9	B.B.A. Class Room Block 10	(H, 4) 20	Civil Block	(G, 6) 17	Dental College & Hospital Block	(G, 10) 16
F.M. Lab Block	(C, 6) 10	M.B.A. Class Room Block 11	(F, 3) 21	Class Room Block 15	(D, 7) 15	Aeronautic Block	(D, 1) 15
E.T.C. Block	(C, 6) 11	M.Gopalkrishnan boys hostel and Indoor Ground	(F, 6) 19	Class Room Block 15	(D, 7) 14	Controller of Examinations	(H, 8) 14
Thermal Lab Block	(C, 5) 12	Dr. M.G.R. Ilam Boys Hostel #1, TCS Boys Hostel # 1 & 2	(G, 8) 17	Girls Mess Block	(C, 8) 13		
Panimalar Ladies Hostel	(C, 4) 13	Architecture Block	(H, 7) 22	Class Room Block 18	(C, 8) 12		
Janaki M.G.R. Ilam Ladies Hostel Block	(C, 4) 14	Administrative Block	(E, 8) 20	Class Room Block 14	(D, 8) 11		
Guest House	(C, 6) 15	Colonel. Dr. Jeppiaar Memorial	(E, 8) 19				
Central Library	(D, 9) 16						





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