



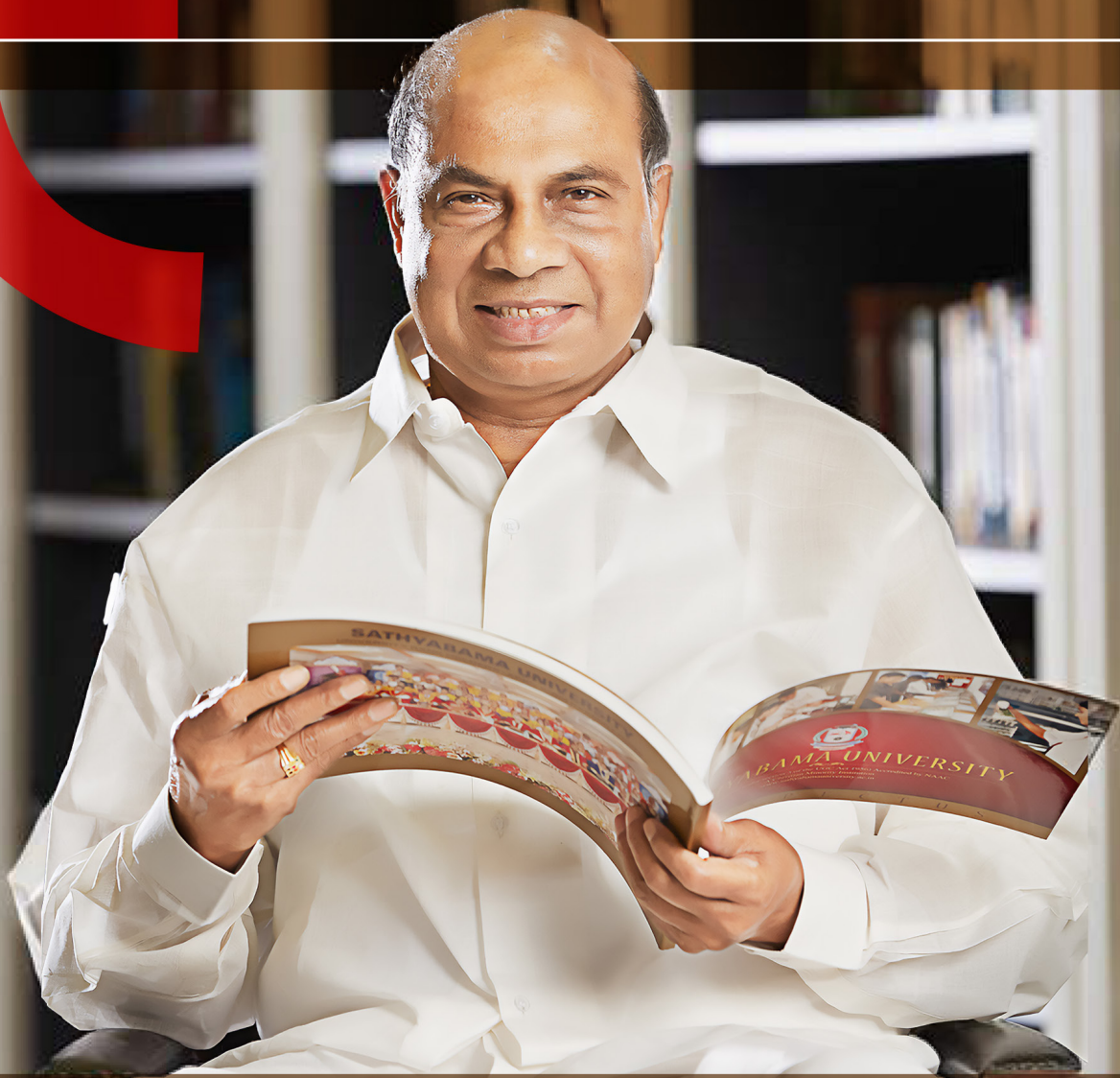
SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)
CATEGORY - 1 UNIVERSITY BY UGC

PROSPECTUS



VISION OF THE FOUNDER CHANCELLOR



Sathyabama, a trailblazing institution, celebrated for cultivating exceptional talent to meet the demands of an ever-evolving world. Rooted in principles of discipline and Integrity, the university has garnered acclaim for its unwavering commitment to excellence in academic performance, research, innovation, and student development. Sathyabama's vision reflects a strong, future-oriented commitment to transformative education that shapes not just skilled professionals but also innovators, problem-solvers, and leaders who positively impact society. This enduring ethos has firmly established Sathyabama among India's premier institutions, renowned for delivering world-class education, promoting research and innovation, and producing highly skilled professionals for the nation.

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

LEADERSHIP IN ACTION CHANCELLOR'S MESSAGE

Sathyabama embodies the pinnacle of excellence across diverse domains of research and academics. The institution has a cutting-edge infrastructure and a team of dedicated and highly skilled faculty committed to excellence. We sustain our core values through progressive and sustainable initiatives that drive continuous growth and effective implementation.

I cherish the accomplishments of the institution, which not only contribute to but also mirror the success of our students. I am of the conviction that our endeavors should surpass the scope of our vision for the future. I foresee Sathyabama's continued growth and its pivotal role in nurturing ethical, competent professionals for our nation. Over the past three and a half decades, the institution has evolved into a global hub for academic and research excellence. We remain steadfast in our commitment to fostering opportunities for this dynamic, tech-savvy generation.

Students are our greatest asset, alumni are a source of immense pride, the trust of our stakeholders is our strength, and upholding the values of our institution is our unwavering commitment. Throughout the distinguished journey of "Sathyabama," the support from parents, industry partners, and various stakeholders has been invaluable.

I am happy to share that we are extending our vision through Sathyabama Sriperumbudur Campus from June, 2025. This expansion reflects our unwavering commitment to excellence and innovation. I am delighted to extend an invitation to young minds to join us, pursue their career ambitions, and achieve academic success that exceeds their highest expectations

Dr. MARIAZEENA JOHNSON, B.E., M.B.A., M.Phil., Ph.D.,
Chancellor,
Sathyabama Institute of Science and Technology
chancellor@sathyabama.ac.in



45000+
Alumni Network
Worldwide



200+
International
Collaborations



Student
Representation
from **28**
Indian states



20000+
Publications



50+ UG Programmes
25+ PG Programmes
Ph.D Programmes



Student
Representation
from **15+**
Countries



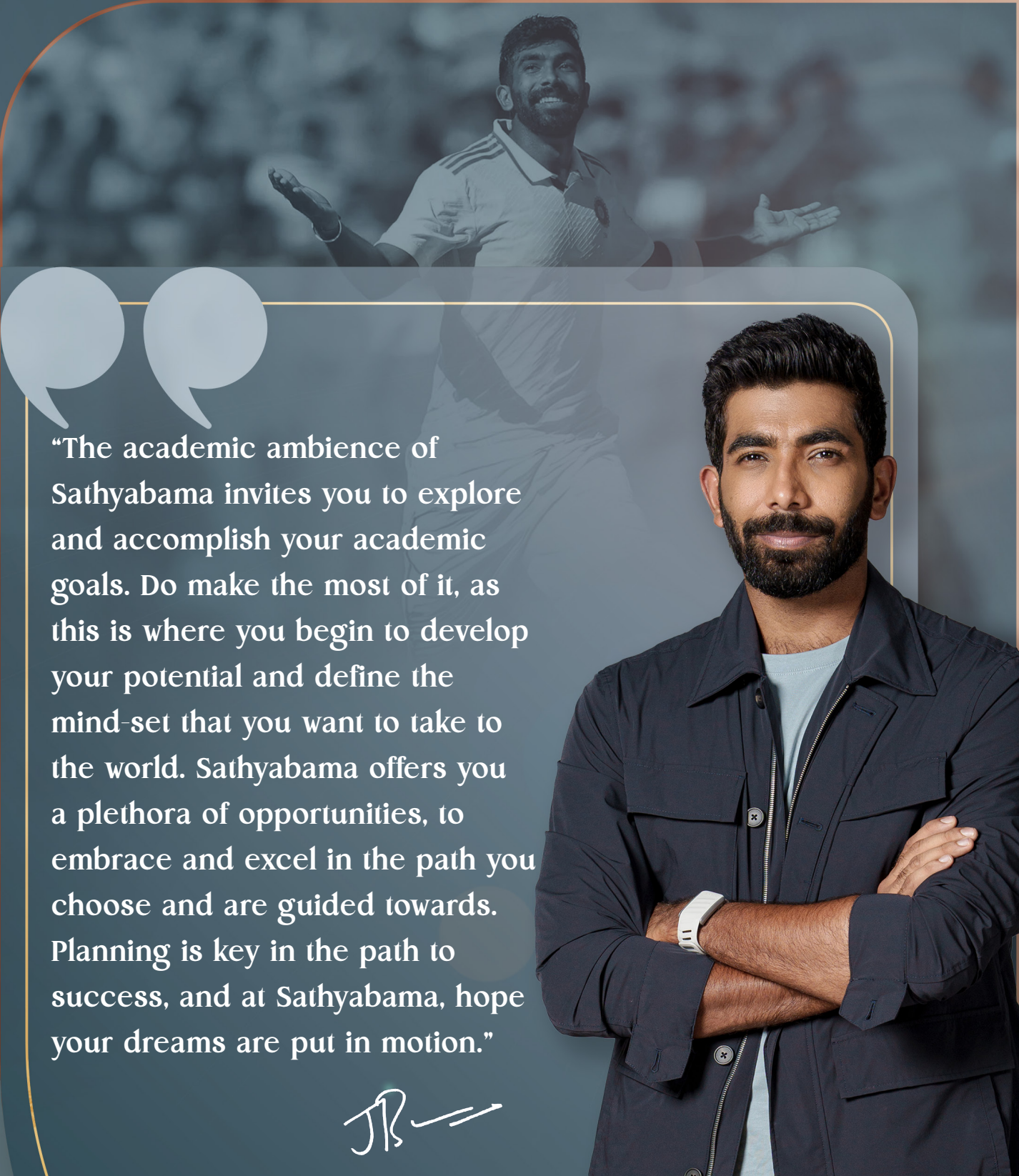
60+
Countries
& Regions



13
Schools



400+
Faculty & Student
Exchange



“The academic ambience of Sathyabama invites you to explore and accomplish your academic goals. Do make the most of it, as this is where you begin to develop your potential and define the mind-set that you want to take to the world. Sathyabama offers you a plethora of opportunities, to embrace and excel in the path you choose and are guided towards. Planning is key in the path to success, and at Sathyabama, hope your dreams are put in motion.”



JASPRIT BUMRAH

INDIAN CRICKETER | OUR BRAND AMBASSADOR

RANKINGS AND RATINGS

NATIONAL



Ranked 51st Position among Universities in India by NIRF, Govt. of India 2024



12B Status is conferred to our Institution by University Grants Commission (UGC) for its Academic and Research Excellence



10 UG Engineering Programmes and 1 PG MBA Programme is accredited by the National Board of Accreditation



Accredited with the highest **A++ Grade by the NAAC** with 3.73 score by the National Assessment and Accreditation Council

INTERNATIONAL



Accreditation Board for Engineering and Technology

Internationally Accredited by Accreditation Board for Engineering and Technology (ABET) for B.E. (Computer Science and Engineering), B.Tech. (Biotechnology) and B.E. (Electrical and Electronics Engineering) Programmes



Ranked 1201-1500

in the world by Times Higher Education World University Rankings, 2025



Ranked 401-500

in the world by Times Higher Education Young University Rankings, 2024



Ranked 501-600

in the world by Times Higher Education Asia University Rankings, 2025

Our Institution is placed in very good positions in Times Higher Education Impact Rankings 2025, which ranks the Universities across the world based on their contribution to the UN's Sustainable Development Goals.



Ranked 601-800

in the Overall Times Higher Education Impact Rankings, 2024

Ranked 401-600

for SDG 1
No Poverty

Ranked 801-1000

for SDG 3
Good Health and Wellbeing

Ranked 301-400

for SDG 6
Clean Water and Sanitation

Ranked 101-200

for SDG 7
Affordable and Clean Energy

Ranked 301-400

for SDG 9
Industry Innovation and Infrastructure

Ranked 301 - 400

for SDG 10
Reduced Inequalities

Ranked 301-400

SDG 13
Climate Action

Ranked 101-200

for SDG 14
Life Below Water

Ranked 90

SDG 15
Life on Land

Ranked 301-400

for SDG 17
Partnership for Goals



Ranked 601-800

by the Times Higher Education Subject Rankings 2024 for Clinical, Pre Clinical & Health

Ranked 801-1000

by the Times Higher Education Subject Rankings 2024 for Computer Science, Engineering & Technology, Physical Sciences, and Life Sciences



Ranked 1201 - 1400

in the world by QS World University Rankings, 2025. Sathyabama is one of the 46 Institutions in India ranked by QS.



QS Asia University Rankings | 2025

Ranked 373rd

in the QS Asia University Rankings, 2025.



Awarded 5 Stars Ratings by QS

for Academic and Research Excellence by assessing the Performance of Sathyabama in the core criteria like Teaching, Research, Internationalization and employability.



SUSTAINABILITY RANKING 2025

Sathyabama is ranked in **706th** position in the world in QS Sustainability Rankings, 2025.

Ranked in **187th** position in the QS Sustainability Rankings, 2025 among the universities in Asia

Ranked in **20th** position in the QS Sustainability Rankings, 2025 among the universities in India

NURTURING EXCELLENCE, CELEBRATING LEGACY



Sathyabama has distinguished itself as a leading institution, achieving international standards of excellence in higher education through its remarkable research and academic achievements. Established in 1988 by the esteemed founder Chancellor, Dr. JEPPIAAR, Sathyabama Institute of Science and Technology has maintained its prominence in the fields of Engineering, Science, and Technology for over three and half successful decades. The institution offers a diverse range of multidisciplinary academic Programme spanning Engineering, Science, Technology, Law, Dental Science, Pharmacy, Nursing, Management, Arts and Science, Physiotherapy, and Hotel Management. Established under Section 3 of the UGC Act, 1956, Sathyabama has earned an 'A++' grade from the National Accreditation and Assessment Council. This esteemed institution operates under the visionary leadership of Dr. Mariazeena Johnson, Chancellor; Dr. Marie Johnson, President; Mr. J. Arul Selvan, Vice President; Ms. Maria Bernadette Tamarasi, Vice President; and Ms. Maria Catherine Johnson, Vice President.

Dr. T. Sasipraba, Vice Chancellor; Dr. E. Logashanmugam, Pro Vice-Chancellor; Dr. S. S. Rao, Registrar; Dr. B. Sheela Rani, Director of Research; Dr. G. Sundari, Director of Administration; Dr. Igni Sabasti Prabu, Controller of Examination and Dr P Sarasu; Director of International relations, are providing the essential support system for the institution.

The Institution consistently pursues and implements cutting-edge approaches to enhance the quality of higher education, remaining agile and adaptive to global educational trends. At the national level, it has earned program-level accreditation from the National Board of Accreditation (NBA) for ten undergraduate engineering Programme and one postgraduate program (MBA). On the international stage, its B.E. Computer Science and Engineering, B.E. Electrical and Electronics Engineering, and B. Tech. Biotechnology Programme have achieved accreditation from the

Accreditation Board for Engineering and Technology (ABET). The Institution boasts a team of distinguished and dynamic faculty, employs innovative teaching methodologies, and is equipped with state-of-the-art infrastructure and world-class research facilities. Sathyabama has established a significant presence in both national and international Rankings and Ratings. In 2024, the National Institutional Ranking Framework (NIRF) of the Government of India placed the institution at the 51st position among Indian universities, marking its place among the top 100 universities for eight consecutive years. Additionally, Sathyabama has been recognized by Times Higher Education and QS as one of the top institutions globally.

The university maintains strong partnerships with leading universities and research organizations both nationally and internationally. The International Research Centre and the Sathyabama Research Park, with its specialized centers of excellence, bolster its reputation as a research-intensive institution equipped with world-class laboratories and facilities. Sathyabama has actively engaged in numerous sponsored and collaborative R&D projects supported by both national and international funding bodies. A landmark achievement in its history was the successful launch of "Sathyabamasat" on June 22, 2016, in collaboration with ISRO, marking a notable contribution to space research.

The Centre for Academic Partnership and International Relations has facilitated numerous memoranda of understanding (MOUs) with various international universities. The institution has emerged as a premier destination for providing an exceptional academic and research environment, drawing students from across the globe.





MESSAGE FROM THE VICE-CHANCELLOR



“Our mission is to equip students with the knowledge, skills, and experiences essential for thriving in an ever-changing global landscape. At Sathyabama, we are dedicated to cultivating an environment that fosters creativity, research, and innovation. Our committed faculty, cutting-edge facilities, and a diverse student community come together to create a dynamic learning space that promotes intellectual curiosity, critical thinking, and forward-thinking their goals. Our academic Programme are designed to offer a comprehensive education tailored to the specific demands of various industries, ensuring our graduates are not only prepared for current challenges but are also poised to drive future progress. With strong international partnerships, world-class research facilities, and exceptional student support services, Sathyabama offers an enriching campus experience. Here, your ambitions are nurtured, your potential is realized, and your dreams are transformed into reality.”

Dr.T. Sasipraba, M.E., Ph.D.,
Vice Chancellor,
Sathyabama Institute of Science
and Technology
vc@sathyabama.ac.in

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PROGRAMS OFFERED

SATHYABAMA - CHENNAI

SCHOOL OF COMPUTING

- B.E. - Computer Science and Engineering
- B.E. - Computer Science and Engineering with Specialization in AI
- B.E. - Computer Science and Engineering with Specialization in Data Science
- B.E. - Computer Science and Engineering with Specialization in IoT
- B.E. - Computer Science and Engineering with Specialization in AI & Robotics
- B.E. - Computer Science and Engineering with Specialization in AI & ML
- B.E. - Computer Science and Engineering with Specialization in Cyber Security
- B.E. - Computer Science and Business Systems
- B. Tech - Artificial Intelligence & Data Science
- B.Tech. - Information Technology
- M.E. - Computer Science and Engineering

SCHOOL OF ELECTRICAL AND ELECTRONICS

- B.E. - Electrical and Electronics Engineering
- B.E. - Electronics and Communication Engineering
- B.E. - Electronics and Communication Engineering with Specialization in Data Science
- M.E. - Applied Electronics
- M.E. - Power Electronics and Industrial Drives
- M.E. - Embedded Systems and IoT

SCHOOL OF MECHANICAL

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

SCHOOL OF BIO AND CHEMICAL

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

SCHOOL OF BUILDING AND ENVIRONMENT

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

SCHOOL OF LAW

- L.L.B. - Bachelor of Law (3 Years)
- B.Com. L.L.B. (Hons) (5 Years)
- B.A. L.L.B. (Hons) (5 Years)
- B.B.A. L.L.B. (Hons) (5 Years)
- L.L.M - Intellectual Property Laws
- L.L.M - Constitutional Law and Legal Order
- L.L.M - Criminal Law

SCHOOL OF MANAGEMENT STUDIES

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

SCHOOL OF EDUCATION (Integrated Teacher Education Programme)

- B.Sc., B.Ed (4 Years)
- B.A., B.Ed (4 Years)

SCHOOL OF SCIENCE AND HUMANITIES

- B.A. - English*
- B.S.W. - Bachelor of Social Work
- B.Sc. - Physics*
- B.Sc. - Chemistry*
- B.Sc. - Mathematics*
- B.Sc. - Computer Science
- B.Sc. - Computer Science with Specialization in AI
- B.Sc. - Visual Communication
- B.Sc. - Psychology
- B.Sc. - Fashion Design
- B.Sc. - Data Science
- B.Sc. - Information Technology
- B.Sc. - Biotechnology*
- B.Sc. - Microbiology
- B.Sc. - Biochemistry
- B.Sc. - Bioinformatics and Data Science
- B.Sc. - Forensic Sciences
- BCA - Bachelor of Computer Applications
- M.A. - English
- M.S.W. - Master of Social Work
- M.Sc. - Physics
- M.Sc. - Chemistry
- M.Sc. - Mathematics
- M.Sc. - Computer Science
- M.Sc. - Visual Communication
- M.Sc. - Bioinformatics and Data Science
- M.Sc. - Medical Biotechnology and Clinical Research
- M.Sc. - Computer Science (Integrated Course)
- M.Sc. - Software Engineering
- M.Sc. - Psychology
- MCA - Master of Computer Applications

SCHOOL OF ALLIED HEALTH SCIENCES

- B.Sc. - Clinical Nutrition and Dietetics
- B.Sc. - Medical Lab Technology
- B.Sc. - Radiology

SCHOOL OF DENTAL SCIENCES

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

SCHOOL OF NURSING

- B.Sc. Nursing (4 Years)

SCHOOL OF PHARMACY

- B.Pharm - Bachelor of Pharmacy (4 Years)
- D.Pharm - Diploma in Pharmacy (2 Years)
- Pharm. D - Doctor of Pharmacy (6 Years)
- M.Pharm - Pharmaceutics (2 Years)

SCHOOL OF PHYSIOTHERAPY

- B.P.T - Bachelor of Physiotherapy (4.5 Years)

RESEARCH PROGRAMMES

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

- Ph.D. - Doctor of Philosophy

*Honors Degree (4 years) are also offered as per NEP 2020

SATHYABAMA - SRIPERUMBUDUR

Sathyabama Institute of Science and Technology proudly launches its first off-campus center at Vadamangalam, Sriperumbudur, Kanchipuram District, from the 2025-2026 academic year, approved by the Ministry of Education, Government of India, and UGC, New Delhi.

Spread across 78 acres of lush greenery, the campus offers a vibrant academic environment near leading industries, the Chennai-Bengaluru Express Highway, and the proposed Greenfield airport. It features state-of-the-art academic blocks, advanced labs, a central and digital library, spacious dining facilities, and separate hostels for boys and girls.

With sports facilities and university-operated buses covering major parts of Chennai, the campus ensures seamless learning and connectivity, reaffirming Sathyabama's commitment to excellence and innovation.



PROGRAMS OFFERED

SCHOOL OF COMPUTING

- B.E. - Computer Science and Engineering
- B.E. - Computer Science and Engineering with Specialization in Artificial Intelligence & Machine Learning
- B.Tech. - Information Technology

SCHOOL OF ELECTRICAL AND ELECTRONICS

- B.E. - Electronics and Communication Engineering

SCHOOL OF MANAGEMENT STUDIES

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

SCHOOL OF ALLIED HEALTH SCIENCES

- B.Sc. - Clinical Nutrition and Dietetics
- B.Sc. - Medical Laboratory Technology

SCHOOL OF SCIENCE AND HUMANITIES

- B.A. - English*
- B.Sc. - Physics*
- B.Sc. - Chemistry*
- B.Sc. - Mathematics*
- B.Sc. - Computer Science
- B.Sc. - Computer Science with Specialization in AI
- B.Sc. - Visual Communication
- B.Sc. - Psychology
- B.Sc. - Fashion Design
- B.Sc. - Information Technology
- B.Sc. - Biotechnology*
- B.Sc. - Microbiology
- B.Sc. - Biochemistry
- BCA - Bachelor of Computer Applications
- M.A. - English
- M.Sc. - Physics
- M.Sc. - Chemistry
- M.Sc. - Mathematics
- M.Sc. - Computer Science
- M.Sc. - Visual Communication

**Honors Degree (4 years) are also offered as per NEP 2020*

CAMPUS LIFE

A JOURNEY OF GROWTH



Situated along the IT Highway, Sathyabama Institute of Science and Technology enjoys convenient access to all parts of Chennai. The eco-friendly environment is imbued with a spirit of collaboration and innovative thinking.

SOPHISTICATED INFRASTRUCTURE

The campus features well-ventilated classrooms, spacious dining areas, a bakery, and hostels equipped with integrated amenities. Advanced learning spaces such as flipped classrooms and smart classrooms provide platforms for student engagement and discussions on emerging technologies. The technology-driven, eco-friendly campus fosters an environment that promotes both effective learning and comfortable living.

The campus offers a range of facilities accessible to all students and staff, including a bank, automated teller machines, canteens offering a variety of cuisines, and dedicated dining halls for both vegetarians and non-vegetarians. CCTV surveillance ensures that security is constantly monitored to prevent incidents and respond quickly to emergencies, ensuring the safety of the students. The Institution has medical personnel available around the clock, ensuring that any healthcare needs can be addressed promptly. The Institution has Reverse osmosis water purification plants ensuring that the water supplied is clean and safe. Dedicated leased internet line for stable and high-speed internet connectivity, and a Childcare center facility for staff of the Institution.

SATHYABAMA CENTRE FOR ADVANCED STUDIES

The Sathyabama Centre for Advanced Studies is a unique learning hub on campus that integrates academic instruction with cutting-edge research capabilities. This state-of-the-art facility houses an Artificial Intelligence Laboratory equipped with supercomputing resources, a Drone and Robotics Experimentarium Lab featuring robotics workstations, swarm drones, humanoid robots, and autonomous vehicles. Additionally, the centre includes a Metaverse Studio and advanced characterization tools such as HRSTEM, FESEM, and XRD. The FACS Multi-Omics Core Facility (FMCF) is dedicated to conducting research in areas such as vaccine development, genomics, proteomics, and transcriptome analysis.

PLACEMENT CELL

The Placement Cell provides industry-specific training tailored to meet current skill demands. These programmes are delivered in collaboration with leading institutions and industry specialists through an interactive, learner-focused, and user-friendly platform that facilitates dynamic assessments and immediate access to detailed performance reports. Students are also connected with industry experts via the Alumni Association, fostering robust mentor-mentee relationships. Continuous placement training beginning in the first year ensures that all deserving students have enhanced opportunities for success.

LIBRARY

Our extensive central library boasts a vast and diverse collection of both technical and non-technical books. It comprises several specialized wings, including the Advisory Bureau of Higher Studies, a Digital Library, Presentation Halls, and tranquil reading areas, all designed to cater to the varied needs of students.

The library's offerings include an array of journals, theses, e-learning resources, flexible reading hours, and comfortable study spaces with Wi-Fi access. It also features back volumes, autobiographies, books for competitive examinations, and research articles from both national and international sources, ensuring that avid readers are satisfied and occasional readers are encouraged to cultivate a reading habit.

The Institution's library offers a diverse and well-rounded collection of resources that caters to a wide range of interests and needs of the students and faculty. It includes booklets, brochures, essays, magazines, manuals, dictionaries, encyclopedias, and motivational literature, alongside materials to aid in the preparation for competitive exams such as GATE, GRE, TOEFL, GMAT, CAT, and IELTS.

RESEARCH FACILITIES

The International Research Centre and Sathyabama Research Park are pivotal research hubs, complementing academic research initiatives. Their primary objectives include facilitating ease of accessibility, fostering knowledge transfer, and expanding global outreach. These centres are dedicated to bridging the gap between the international research community and our driven student body.

MEDICAL FACILITY

The Institution has a General hospital with 100-bed capacity, and 24/7 facilities that cover a wide range of medical needs, from emergency services to specialized treatments. The hospital conducts frequent medical and dental camps and offers services to the students, staff, and people from the nearby communities.

FOSTERING INNOVATION PASSIONATE EDUCATION & HANDS - ON- LEARNING



Students perceive their instructors as mentors, not merely as classroom teachers. Each student is thoughtfully nurtured to become an exemplary citizen. Mediocre learners are transformed into innovative thinkers within their chosen fields, and ordinary performers evolve into exceptional executors—this is the essence of our teaching philosophy. Ethical principles are deeply integrated into the teaching and learning processes.

Research-focused interactive talks and blended learning methodologies enhance the cognitive development of eager learners. Seminars, workshops, e-learning modules, activity-based learning, discussions, forums, and interactions with global intellectuals provide a comprehensive and enriching experience for tech-savvy students.

CARE IN SHAPING CAREERS

Teachers at our institution embody multiple roles as mentors, believers in students' potential, promoters of knowledge, and life guides. Counseling and genuine care are core values embedded in our teaching methodology. The culture of self-learning among faculty naturally propels students toward excellence.

Our educational approach places significant emphasis on skill-based learning, ensuring students are industry-ready. Facilities such as English language labs, specialized skill laboratories, and spacious auditoriums serve as platforms for knowledge sharing and dissemination.

Placement training begins in the first year, enhancing career opportunities and fostering consistent placement offers from dream companies at preferred locations a common and exciting aspect of campus life.

Students have access to comprehensive academic, medical, and psychological support systems on campus. Dedicated student counselors guide academic development and provide assistance to improve overall performance. The institution maintains a student grievance cell, an anti-ragging cell, and a women's grievance cell to address and resolve any concerns promptly. Any incidents of ragging are taken very seriously,

with stringent disciplinary measures enforced to uphold a zero-ragging policy. Psychological counseling services are also available to support students in various aspects.

Sathyabama places a strong emphasis on modern, skill based and student-centered learning approaches. Our academic system incorporates a choice-based staff selection approach, a choice-based credit system, and an updated curriculum designed to align with Industry requirements. The inclusion of open electives, credit recognition for internships, Industry at enhancing the quality and versatility of education. The continuous evaluation system is reinforced with a balanced 50-50 weightage for internal and external examinations. Additionally, the Sathyabama IAS Academy offers specialized training for civil service aspirants, guided by distinguished faculty.



MAKING STUDENTS INDUSTRY READY

Sathyabama places a strong emphasis on modern, Skill based and student-centered Learning approaches

RESEARCH EXCELLENCE



INSTITUTIONAL SEED GRANT

To foster a culture of research and innovation among faculty and students, Sathyabama annually offers Seed Grants to support groundbreaking ideas that address societal challenges in fields such as agriculture, healthcare, energy, waste management etc., The institution has provided financial assistance to approximately 50 startups, facilitating their growth and development.

PUBLICATIONS AND PATENTS

The institution has demonstrated exceptional performance in research publications, earning international recognition for its scholarly output. It boasts approximately 14861 publications indexed in Scopus and 7173 in Web of Science, showcasing impressive research productivity. The institution's high H-index values of 111 in Scopus and 98 in Web of Science highlight both the volume and impact of its research contributions. Additionally, Sathyabama has over 1,600 joint publications resulting from partnerships with leading international research organizations and universities.

The institution's commitment to innovation is evidenced by its portfolio of more than 300 patents, which includes 21 German patents and 14 Australian patents.

SATHYABAMA TECHNOLOGY BUSINESS INCUBATOR

Sathyabama's Technology Business Incubator (TBI), funded by NSTEDB-DST, is dedicated to fostering and advancing entrepreneurship in the fields of Marine Bio Resource, Engineering, and Information Technology. Sathyabama TBI has played a pivotal role in cultivating a culture of innovation and entrepreneurship within the student body and the wider community, supporting the establishment of numerous startups. It has also earned recognition from Startup TN, Government of Tamil Nadu, for its significant contributions to promoting innovation and entrepreneurship.



**FACULTY MEMBERS LISTED
IN THE TOP 2% MOST
INFLUENTIAL SCIENTISTS
BY STANFORD UNIVERSITY'S
SURVEY IN 2024**



Sathyabama TBI, Startup Cell, Sathyabama Innovation, Council, and Centre for Innovation and Technology Transfer is established to Promote Innovation Knowledge Transfer and Entrepreneurship.

INDUSTRY COLLABORATORS AND PLACEMENT PARTNERS



COMPETENCY BASED CAREER PLANNING

Students' skills and competencies are assessed to identify their strengths and areas for improvement. Alongside their academic curriculum, a variety of skill development Programme are organized. Throughout the year, we provide specialized training tailored to the specific requirements of niche roles sought by various industries. Students are evaluated based on their learning capacity, which determines their eligibility for high-profile company placements.

INTERNSHIP & ON-THE-JOB TRAINING OPPORTUNITIES

Internships and on-the-job training serve as crucial learning experiences for students, providing them with the opportunity to comprehend and engage in specific job roles by observing professionals in their work environment. Students are mentored and supported to gain the essential experience needed to excel in the industry prior to graduation

DIVERSE PLACEMENT SCOPE

The scope of placements has significantly broadened, with a wide range of companies across sectors such as product development, IT services, mechanical engineering, healthcare, construction, communications, aeronautics, automotive, management, human resources, finance, operations, and startups actively seeking to recruit from Sathyabama.

ROBUST INDUSTRY PARTNERSHIPS

Leveraging our strong industry connections, we recognize that a persistent challenge for large corporations is finding graduates who are well-versed in the latest trends and technological advancements. Employers seek new hires who can be integrated and contribute effectively from day one, without the need for extensive, costly training Programme. Meeting this demand is a top priority, and we ensure our students are thoroughly trained and prepared from the outset. Our academic board includes industry representatives from various sectors who play an essential role in shaping and refining our curriculum.

RIISING FUTURE LEADERS

Our aim is to nurture future leaders by providing students not only with opportunities but also with the training and empowerment needed to forge their own paths. The Placement Cell collaborates closely with all academic departments to establish numerous avenues for student success.

ALUMNI SUPPORT

Sathyabama's esteemed alumni play a pivotal role in shaping student development initiatives and ensuring their successful execution. Our distinguished graduates, who have made their mark across various industries worldwide, unite through the Sathyabama Alumni Association to support and enhance the growth and achievements of current students.



EMBRACE THE FUTURE

YOUR WORLD OF OPPORTUNITIES



Sathyabama offers comprehensive guidance for students pursuing higher education at prestigious universities known for their academic excellence and cultural richness. To prepare students for such opportunities, we provide training classes for standardized tests such as GRE, GMAT, TOEFL, IELTS, GATE, and CAT, conducted by esteemed training institutions. Our dedicated, well-equipped library supports students in their exam preparations. Additionally, the Advisory Bureau for Higher Studies offers counseling and assistance to guide students through the enrollment process at universities worldwide.

STUDY ABROAD – BROADEN YOUR HORIZON

Studying abroad perfectly complements the exceptional opportunities available on campus at Sathyabama. It offers an unparalleled chance to immerse oneself in diverse academic environments around the world, fostering lifelong experiences that include meeting new people and exploring different cultures. A brief period of study abroad can profoundly impact a student's educational journey, enriching their understanding of living and learning in a global context and helping them recognize and appreciate both the unique aspects and commonalities between their own culture and others. The Semester Abroad Program (SAP) extends learning beyond traditional classroom experiences. The Centre for Academic Partnership and International Relations assists and guides students in selecting universities and navigating the application process. We have partnerships with over 200 top universities across the globe.

LANGUAGES – BEYOND BOUNDARIES

Proficiency in a foreign language has become essential as students pursue semester abroad Programme, higher Studies, and international career opportunities. The Advisory Bureau for Higher Studies offers foreign language courses to equip students with the linguistic skills needed for global experiences.

Expert instructors provide comprehensive training in both basic and advanced levels of languages, including Spanish, French, German, and Japanese.



SATHYABAMA - DISCOVERING A WORLD BEYOND ACADEMICS



EXPERIENTIAL LEARNING

Aspirations are plentiful, opportunities are abundant, yet equipping individuals with the necessary competencies remain a significant challenge for academia today. Sathyabama stands as the ideal destination for ambitious young minds, as we go beyond traditional teaching to address the current and evolving needs of the industry. Our institution offers an array of clubs, forums, and diverse platforms designed to meet the demands of the “Artificial Intelligence era” and prepare students for future success.

INDUSTRY READY GRADUANDS

In recent decades, there has been a significant gap between industry expectations and academic outcomes. Sathyabama has taken on this challenge with dedication and precision, successfully producing highly skilled technical professionals for the nation. Our committed efforts in training and nurturing young minds have yielded lasting results, significantly impacting students’ lives and ensuring long-term sustainability.

LEARNING IS PRIME

The global education landscape has undergone a paradigm shift in teaching and learning in the post-pandemic era. Our institution swiftly adapted to this new reality and continued to deliver excellence during these challenging times.

The push for digitization in education is not a new concept for Sathyabama; our robust infrastructure has enabled us to seamlessly transition and enhance content delivery with efficiency.

Regardless of whether learning occurs in-person or through online platforms, the student’s educational growth remains our central focus. We uphold the trust placed in us by both parents and students. Blended learning has become the new standard, innovative teaching methods are second nature, and providing a holistic education has been ingrained in our approach for nearly three and a half decades.

Our open-air theatre (OAT), with a seating capacity of approximately 1000, serves as a venue for conducting extracurricular activities and events after class hours.

ALUMNI - OUR IDENTITY



One of the most remarkable things about Sathyabama was its highly diverse student population, which provided me with daily exposure to a plethora of brilliant people and ideas, so I was inspired to take risks, stretch myself, be vulnerable and tap into my authentic leadership.

Sharing classrooms, having conversations and making connections with people from literally all over the country continued to transform my thinking, expand my perspective of the world and encourage me to appreciate myself in a global world.

The faculty at Sathyabama were absolutely amazing. They possessed deep knowledge of their subjects and were able to hone student skills. And because they took tremendous interest in their students, they brought to the classroom a level of professionalism, which I apply to this day.

Jay Chandan

Chairman & CEO
CSE.
BATCH: 1991-1995
Gorilla Technology Group, UK



With the desire for an Engineering degree and intentions of making good memories and great friends along the way, set my journey to intellectual growth.

Sathyabama Education Methodology brought Maslow to life, who believed that before transformation, motivation is key in addressing the basics—physiological needs: Structured transportation, full free Lunch program, snack breaks, clean water and bathrooms. Safety needs: Strict discipline, clearly defined rules, practices and procedures. Belongingness needs: Teachers fostered a positive, empathetic, progressive eco system amidst the conservative society. Teacher-student trust. I felt I had a good grasp on who I was, and I graduated from Sathyabama with a mature sense of self.

Pavithra Ramamurthy

Director Data Management & Analytics
B.E.- ECE.
BATCH: 1994-1998
STAAR Surgical, USA

I have the pleasure and obligation to follow the core values and, as a leader in my current role, continue to seek opportunities to motivate, empower and achieve results. I respectfully thank my Mentor, Dr. Jeppiaar, and my beloved faculty.

HOSTELS

A PLACE OF COMFORT, A SHIELD OF SECURITY



Hostel life is an unforgettable experience for all. At Sathyabama, we prioritize the comfort and well-being of our residents by providing comprehensive facilities. Ensuring security is a primary focus in the management of our hostels. We have five boys' hostels and five girls' hostels, collectively covering an extensive area of 16,75,00 square feet.

Our infrastructure includes high-speed Wi-Fi, laundry services, state-of-the-art fitness centers, dedicated dining halls for boys and girls, and computer centers, all contributing to an exceptional living environment for students. Modern food stalls, designed with contemporary architecture, offer a diverse and appetizing menu to satisfy the tastes of students

LIFE AFTER CLASS HOURS

Life in the hostels after class hours offers students the freedom to pursue a range of activities, including sports, extracurricular engagements, and access to advanced learning resources. The library is available for extended hours to support self-directed study, and classrooms are conveniently situated within close proximity to the hostels. Our state-of-the-art health infrastructure includes dispensaries, medical rooms, and a fully equipped general hospital, providing comprehensive healthcare services.

Facilities such as indoor stadiums, expansive sports grounds, and essential services like courier, binding, and photocopying, along with air-conditioned rooms, ensure a high standard of living for hostel residents.

The campus is enveloped in lush greenery, inviting students to take long, relaxing walks along the wide roads, creating an atmosphere of tranquility. Located adjacent to the IT highway in one of India's most vibrant cities, Sathyabama offers an exceptional blend of convenience and serenity.

EMERGENCY TREATMENT

A 24/7 medical aid facility is available for hostel residents. In the event of a health emergency, students can approach the "Student Help Desk," which coordinates with the dispensary to provide immediate assistance. If necessary, students are referred to the "Sathyabama General Hospital" for further treatment. Additionally, medical insurance coverage is provided to all students to ensure comprehensive healthcare support.



24 HOURS ATM



GYM FACILITY SEPERATE FOR BOYS AND GIRLS



MEDICAL FACILITY- ON CAMPUS GENERAL HOSPITAL.

SPORTS



By emphasizing sports, the institution demonstrates a holistic approach to education, where physical and intellectual growth are given importance.

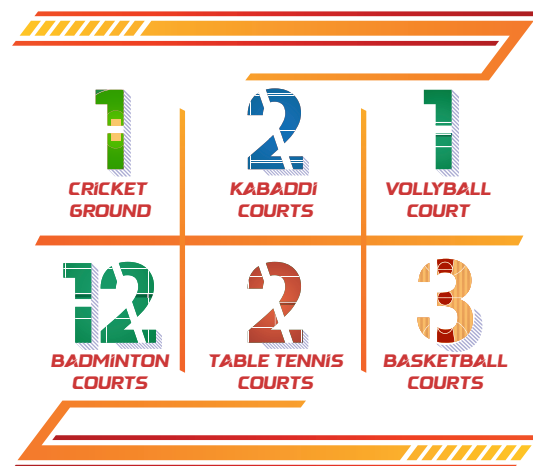
EXCELLENT SPORT AND FITNESS FACILITIES

Sathyabama takes pride not only in its exceptional sports facilities but also in producing top-tier athletes who have represented the nation and participated in competitions across various sports. The campus boasts 12 badminton courts, 2 kabaddi courts, 2 tables, cricket ground, Yoga centre and a sophisticated gym facility

KEEPING IT COMPETITIVE

Students at Sathyabama have the opportunity to unwind and stay active through a variety of sports, including hockey, football, cricket, tennis, and various indoor games. The institution actively encourages student participation in national and international tournaments, with many students bringing accolades and recognition to Sathyabama. Additionally, Sathyabama hosts sports competitions for corporate teams and school students, emphasizing the importance of nurturing athletic talent.

The institution allocates significant resources to support and showcase sports prowess, organizing major tournaments that foster the spirit of competition among students. Notable events hosted by Sathyabama include the UBA Pro Basketball League, the Dr. MGR Trophy Inter-Institutional T20 Cricket Tournament, the All India FIDE Rated Chess Tournament, the South Zone Inter-University Women's Cricket Tournament, the Wheelchair Basketball U-23 Team Training Camp, and the All India Inter-Squash Rackets Men's and Women's Tournament. Whether for fun or to uphold school pride, Sathyabama is the premier destination for sports and athletic excellence



SPORTS ALLIANCE

Association of Indian Universities and host tournaments related to Chess, Taekwondo, Cricket, Squash and Basketball.



SPORTING SUCCESS

Producing national and state-level athletes and winning numerous trophies in volleyball, basketball, and many more...



10,000 Sq.Ft.

World class multi-purpose indoor gaming facility fully air conditioned.

CENTER FOR SKILL DEVELOPMENT

Learning stands as an indispensable catalyst for the socio-economic advancement of individuals and the collective progress of a nation. In the 21st century, higher education grapples with multifaceted challenges, including the delivery of skill-centric learning and addressing the dynamic demands of industry and society on a global scale.

To navigate these complexities, Sathyabama Institute of Science and Technology has established a Centre for Skill Development, fostering collaborations with esteemed organizations such as the National Skill Training Institute (NSTI), the Ministry of Skill Development & Entrepreneurship (MSDE), the National Small Industries Corporation (NSIC), and the AICTE-sponsored Skill and Personality Development Centre (SPDC). This initiative aspires to elevate skills to international benchmarks, with robust industry engagement and a steadfast focus on quality assurance frameworks.

Complementing academic excellence, our institution places a strong emphasis on practical, skill-based training, effectively bridging the gap between academic learning and the needs of industry and society. The Centre for Skill Development spearheads an array of specialized Programme, including AI Programming, Machine Learning, Cybersecurity, the Internet of Things, Embedded Programming, Data Acquisition, CATIA V5, Robotics, and PCB Design. These courses, offered in partnership with NSTI, MSDE, and NSIC, meticulously hone technical competencies, empowering students to meet industry expectations with confidence and expertise.

WOMEN EMPOWERMENT BUREAU

The Women Empowerment Bureau of the institution operates with well-defined and progressive objectives, aiming to foster the socio-economic advancement of women through the transformative power of education. A spectrum of awareness initiatives is organized to address critical issues such as eliminating violence against women, advocating for women's rights, promoting women's health, mainstreaming gender in policy frameworks, advancing rural women's development, and uplifting marginalized and minority communities.

In addition, the Bureau drives impactful Skill Development Programme tailored for rural and underprivileged women, covering domains such as seaweed cultivation, solar lamp manufacturing, mushroom farming, ornamental fish culture, and organic agriculture. Short-term vocational courses, including Beauty and Wellness, Commercial Baking, Electrician Training, and Plumbing, have been implemented to empower slum residents with sustainable livelihood opportunities.

For students, the Bureau curates dynamic Programme like the Women Empowerment Week Special Lecture Series, Entrepreneurship and Transformational Workshops, and Life Skills Training, equipping them with the knowledge, resilience, and confidence to navigate personal and professional challenges. Through these multifaceted endeavours, the Bureau remains steadfast in its mission to nurture empowered, self-reliant women who contribute meaningfully to society.

EMPOWERING STUDENTS WITH SKILL DEVELOPMENT INITIATIVES

Sathyabama addresses 21st century education challenges through a collaborative Skill Development Center for students' growth.



STUDENT DEVELOPMENT CELL



>>FITNESS AND NUTRITION CLUB<<



>>GAMING CLUB<<



>>ILLUSTRATION AND ART CLUB<<



>>MOVIES AND DRAMATICS CLUB<<



>>FINANCIAL MANAGEMENT AND ECONOMIC ANALYSIS CLUB<<



>>BOOK CLUB<<



>>POETRY CLUB<<



>>FASHION CLUB<<



STUDENT DEVELOPMENT CELL

The Student Development Cell (SDC) at Sathyabama is a dynamic hub of innovation and collaboration, bringing together passionate minds dedicated to fostering the holistic growth of students. With a mission to identify and nurture individual potential, SDC supports students in achieving their academic aspirations through an ecosystem of 50+ vibrant student clubs. These clubs, organize diverse events and activities throughout the year, culminating in the prestigious annual national-level technical fest, 'Technosummit'.

SDC emphasizes refining both technical and non-technical skills, offering students enriching opportunities for participatory learning. The clubs provide a platform to showcase literary, leadership, artistic talents, communication and creative writing abilities. Meanwhile, the Music and Dance Clubs encourage cultural participation, and technical clubs such as Aero, Auto, and Microsoft deepen students' technical knowledge. Social awareness is fostered through initiatives by the Community Development Club, Rotaract Club, Anti-Human Trafficking Club, Eco Club, and Chess and Sports Clubs, which engage in impactful outreach Programme. Additionally, foundational clubs like Mathematics, Science, Cognitive, and Innovation nurture critical thinking and creativity.

These clubs not only enhance academic, cultural, and social experiences but also act as catalysts for knowledge sharing and community building. By offering workshops, skill development courses, power lecture series, Lead Talks, Tech Talks, value-added courses, and seminars, SDC creates a multidimensional platform for learning, networking, and growth beyond the classroom, profoundly shaping the student journey.



STUDENT SUPPORT SYSTEM



The benefits of a professional education system must be accessible to all, ensuring inclusivity and affordability for the common man. The true drivers of a nation's progress thrive on an inclusive educational framework. At Sathyabama, we take pride in upholding these values by extending quality education to the most underprivileged through a range of comprehensive scholarship Programme.

To further support our students, we have established dedicated bodies such as the Student Grievance Cell, Anti-Ragging Cell, Internal Complaints Committee, and Anti-Discrimination Cell, which address grievances and ensure a safe, equitable, and nurturing academic environment.

STUDENT HELP DESK

The Student Help Desk serves as the primary support center dedicated to Address student needs and provide immediate responses to their inquiries. This essential service offers a range of assistance, including the issuance of bonafide certificates, fee receipts, emergency medical support, and updates to the student information database. Functioning as the first point of contact for those seeking help, the Student Help Desk operates as a Single Window System for all student support services on campus.

COUNSELING AND PSYCHOLOGICAL SUPPORT

The Psychological Counseling and Support Centre is dedicated to providing comprehensive assistance to students across various dimensions of their well-being. We have specialized psychological counselors available for both male and female students, who are consistently engaged in addressing individual counseling requests. Additionally, these counselors conduct regular counseling sessions throughout the year, ensuring that students receive ongoing support tailored to their needs.

DISABILITY SUPPORT

The institution has implemented an Inclusivity Approach to support children from various marginalized backgrounds, including those of war widows, orphans, individuals with physical disabilities, economically disadvantaged families, and underprivileged children. As part of our commitment to inclusive societal development, we provide full scholarships for children who are victims of acid attacks, allowing them to continue their education. We also assist underprivileged students in successfully pursuing higher education by offering comprehensive support, which includes provisions for food, education, and personalized

care to help shape their futures. Many students from these backgrounds have enrolled on our campus through the ANBU Scholarship Scheme, which underscores our dedication to fostering equitable opportunities for all.

SCHOLARSHIP

The institution provides scholarships to students who demonstrate exceptional academic performance through the "Chancellor Scholarship Scheme". Each year, we conduct the Sathyabama "All India Entrance Examination" (SAEEE) in mid-April, which allows for merit-based admissions into our undergraduate Programme. Applications for this examination are made available online and offline starting in November. This online examination is conducted in major cities across the country. As an incentive, the institution offers a full tuition fee waiver to the top 25 students who excel in this examination. This initiative reflects our commitment to honoring merit, supporting the spirit of humanity, and nurturing students' career aspirations.

SOCIAL OUTREACH

The Student Development Cell organizes various social outreach activities, while the NCC, NSS, and YRC facilitate student engagement in service-oriented projects that align with their interests and passions.



SEMESTER ABROAD PROGRAM (SAP)

SAP gives an experience beyond the conventional classroom learning.

ACADEMIC PARTNERSHIP & INTERNATIONAL RELATIONS



The Centre for Academic Partnership and International Relations at Sathyabama Institute of Science and Technology is dedicated to fostering academic alliances with universities and institutions both nationally and internationally. This Centre plays a crucial role in establishing partnerships that enable faculty and student exchange Programme, as well as semester abroad opportunities. Furthermore, it facilitates collaborative initiatives, including joint research projects and international conferences with partner universities, enhancing the institution's global engagement and academic collaboration.

SEMESTER ABROAD PROGRAM [SAP]

To offer students global exposure and an international learning experience, we have launched the Semester Abroad Program, which enables them to study for One semester at any of our partner universities in Europe, the UK, the USA, Canada, Australia, South America, or Asia. Students have the flexibility to select subjects or courses from the foreign universities that are equivalent to those offered at Sathyabama during the corresponding semesters. The credits earned by students during their semester abroad will be recognized and Transferred towards the award of their degree.

STUDENT EXCHANGE PROGRAM

The Student Exchange Program facilitates the reciprocal exchange of students between Sathyabama and partner universities worldwide for a duration of 3 to 5 months. Through this initiative, selected students have the opportunity to study at a foreign university while students from The partnering Institution are welcomed to Sathyabama for the designated period. This program enhances academic experiences and fosters cross-cultural understanding among participants.

FACULTY EXCHANGE PROGRAM

The institution provides staff members with the opportunity to engage in the Faculty Exchange Program at partnering universities in foreign countries. This program aims to enrich faculty members' experiences by allowing them to teach in diverse environments, collaborate with colleagues from various institutions, and gain insights into best practices in curriculum development, pedagogy, and varied work cultures worldwide.

INTERNSHIP ABROAD

The institution provides scholarships to students who demonstrate Students are provided with opportunities to undertake internships at international universities for a period of 2 to 6 weeks.



LIBRARY



The library plays a crucial role in supporting students' academic pursuits. The extensive library at Sathyabama which includes a digital section and the Advisory Bureau for Higher Studies, caters to all intellectual and career needs of students.

Open from 9:00 A.M. to 8:00 P.M. on all working days, this technology-driven facility is accessible to all students. Additionally, the library features dedicated presentation halls and reading lounges to enhance the study environment.

Advanced search capabilities, Wi-Fi access, e-learning resources, magazines, theses, print journals, back volumes, and autobiographies, along with a distinctive collection of books and archived newspapers, significantly enrich the learning experience for students.

ADVISORY BUREAU FOR HIGHER STUDIES

This division boasts a diverse collection of materials, ranging from fiction and biographies to career development and self-help booklets, brochures, essays, magazines, manuals, dictionaries, encyclopedias, and motivational literature. An extensive array of educational CDs is also available to assist students in enhancing their communication skills. Furthermore, this higher studies resource offers coaching in foreign languages and training for competitive examinations.

A PERSONALIZED APPROACH TO LEARNING

The library organizes various Programme specifically designed to enhance students' learning skills through the NDLI club. These initiatives enable students to develop competencies in reading books and optimizing searches in the digital domain.

**SERENE READING
LOUNGES FOR
FOCUSED LEARNING**



SATHYABAMA CENTRE FOR ADVANCED STUDIES



The Sathyabama Centre for Advanced Studies is a unique facility on campus that seamlessly integrates academic and research expertise. Spanning an impressive area of 60,000 square feet with a total built-up space of 240,000 square feet, this state-of-the-art establishment features a 360-degree facade representing the academic block, which includes ICT-enabled classrooms and advanced research facilities. The centre is equipped with 78 solar panels that generate 50.31 kW of energy and are designed with a monophasic system and lightning protection features. The connecting courtyard serves as a platform for information exchange and dissemination between scientists and the student community.

This centre accommodates administrative offices, the Higher Studies office, and an Artificial Intelligence Laboratory equipped with supercomputing facilities. The AI research facility supports investigations in machine learning, data mining, reinforcement learning, data analytics, cybersecurity, and blockchain technology. Additionally, the centre features 3D capabilities with an exclusive Makers Space and a Centre of Excellence in Additive Manufacturing in collaboration with Stratasy. To foster creativity and imagination through interactive and immersive experiences, a Metaverse Studio has been established utilizing cutting-edge high-performance development systems.

Furthermore, an advanced DARE (Drone and Robotics Experimentarium) Lab includes robotics workstations, swarm drones, quadruped robots, humanoid robots, and autonomous rovers to drive the development of innovative technologies and products in the fields of drones and robotics. The centre also boasts an advanced characterization facility equipped with HRSTEM, FESEM, and XRD development tools, enabling the analysis of the structure, composition, shape, size, and morphology of various materials at the nanoscale.

In addition, this centre features a sophisticated, acoustically enhanced auditorium, a Media Centre, and a Centre for Innovation and Technology Transfer. The Centre for Innovation and Technology Transfer is dedicated to fostering a culture of innovation and entrepreneurship, facilitating the transformation of ideas into products, designs, and services.



SCHOOL OF COMPUTING



The School of computing aims to empower the students with enhanced knowledge, innovative skills and industry level competencies. The school aspires to become a technological hub in developing Human resources with exceptional technical competence, research skills and entrepreneurial skills

KEY FEATURES:

- Programmes accredited by ABET and NBA
- DST FIST-Sponsored Cloud Lab and Wireless Sensor Lab
- Centre of Excellence in partnership with IBM's Innovative Center for Education
- An impressive 95% placement rate in top corporations, with the highest package reaching ₹41 lakhs per annum

The School of Computing has established MOUs with BUEA Cameroon University and Taylors University. Industry partners such as HCL, CTS, and Capgemini provide and deliver a range of technology courses for students, covering topics including ServiceNow, 5G networks, advanced computer networks, and UNIX. Additionally, the curriculum features skill enhancement courses, design thinking and innovation, as well as entrepreneurship courses focused on venture creation and employability.

- *Centre for Advanced Studies*
- *Super Computing Facilities*
- *Artificial Intelligence*
- *Drone and Robotics Laboratories.*

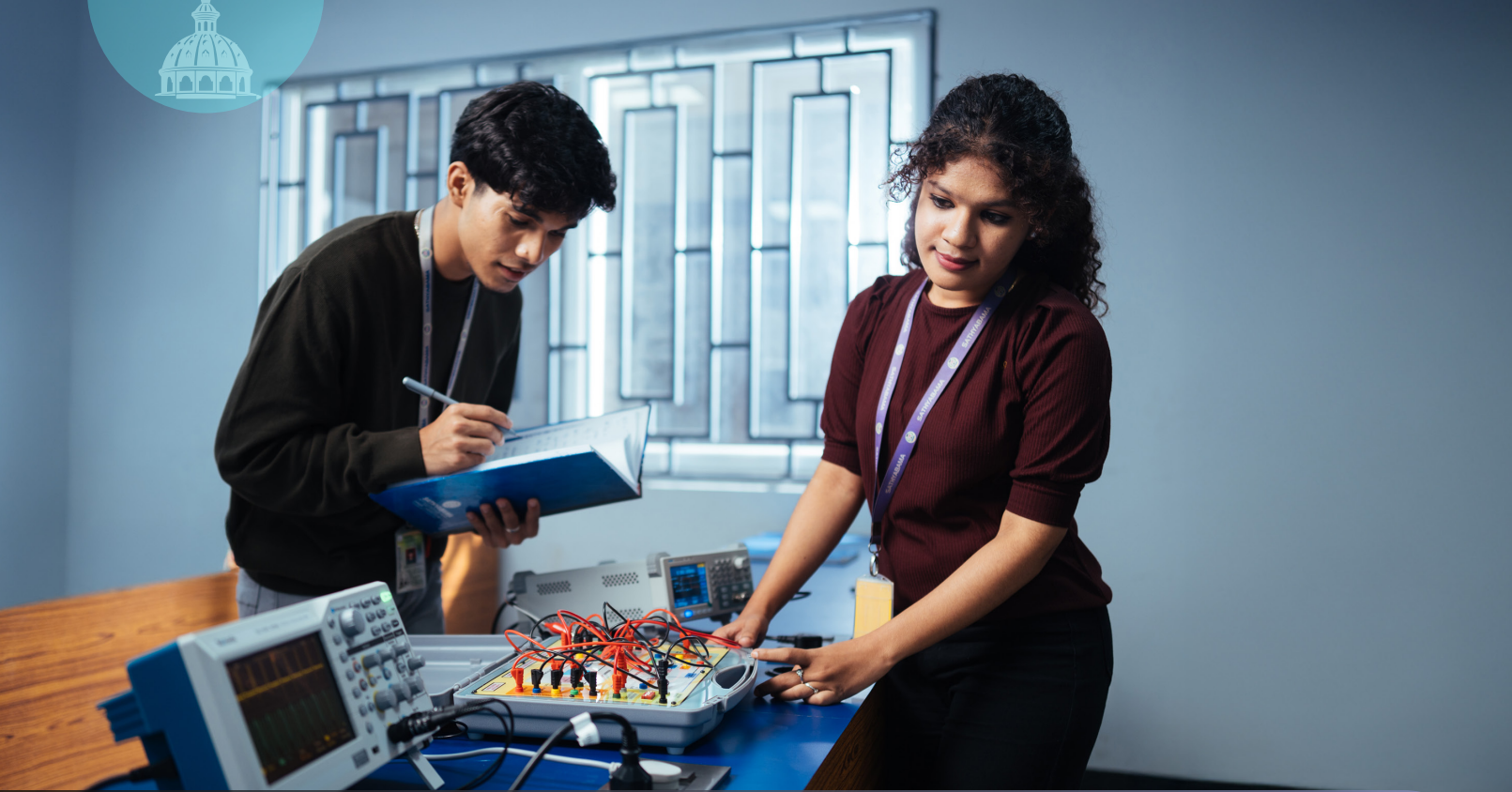
PROGRAMME OFFERED

- B.E. – Computer Science and Business Systems
- B.E. - Computer Science and Engineering (CSE)
- B.E. - CSE with Specialization in AI
- B.E. - CSE with Specialization in Data Science
- B.E. - CSE with Specialization in IoT
- B.E. - CSE with Specialization in AI & Robotics
- B.E. - CSE with Specialization in AI & ML
- B.E. - CSE with Specialization in Cyber Security
- B.Tech . Information Technology
- B.Tech. - Artificial Intelligence and Data Science

ELIGIBILITY

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

SCHOOL OF ELECTRICAL AND ELECTRONICS



The prime focus of the School is to impart quality education through experimental learning, experiential learning, competitive learning, Hands-on training, Value Added Courses, workshops and Internships. Frontiers of Quantum Computing, Drone Electronics, semiconductor technologies, Artificial Intelligence, Machine vision, Neuron on Chip, VLSI Design, Embedded systems, Nanotechnology, Power Electronics, 5G/6G Communication, Telecommunication systems, Electric Vehicles and Green Energy.

KEY FEATURES:

- ABET, NBA accredited programmes
- Centres of Excellence with HCL Technologies, NI, CDAC, Pune, Texas Instruments
- MoUs with leading industries like HCL Technologies, BSNL, Samsung R&D, Cognibot, Windplus Pvt. Ltd., to foster Industry Institute Interaction
- Association with Centre for Nanoscience and Nanotechnology, Centre for Quality Assurance and Non Destructive Testing and Evaluation, Centre of Waste Management, Centre for Earth and Atmospheric Sciences, Innovation Hangar
- 90% placement in core companies, IT industries
- Student Entrepreneurs
- Student participation in International/National flagship competitions, Semester Abroad Programmes
- Active student participation in professional bodies viz. IE(I), IEEE, ISTE inculcating holistic development
- Funded Research Projects from DST, ICSSR, BRNS, DST SEED (STI Hub), UBA, DBT
- Research in Electric Vehicles, Battery Management Systems

PROGRAMME OFFERED

Undergraduate Programmes

- B.E. Electronics and Communication Engineering (4 Years)
- B.E. – Electronics and Communication Engineering with Specialization in Data Science
- B.E. Electrical and Electronics Engineering (4 Years)

Postgraduate Programmes

- M.E. Embedded Systems and IoT (2 Years)
- M.E. Applied Electronics (2 Years)
- M.E. Power Electronics and Industrial Drives (2 Years)

ELIGIBILITY

- 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

SCHOOL OF

MECHANICAL ENGINEERING



The school encompasses core engineering disciplines such as Mechanical Engineering, which stands as one of the pioneering departments within the institution, alongside multidisciplinary fields like Mechatronics.

KEY FEATURES:

- Mechanical Engineering program accredited by NBA.
- The school is equipped with two CESSNA aircraft valued at ₹2 crores.
- Three Centres of Excellence: Centre for Collaborative Product Design & Development, Centre for Robotics and Automation, and the Engine Testing Centre
- Established MOUs with international universities, including St. Cloud State University (USA), University of Putra Malaysia, Universiti Malaysia Perlis (Malaysia), and Wollo University (Ethiopia).
- Students have the opportunity to undertake certification courses offered by industry partners in specialized areas, such as Advanced Automotive Technologies (certified by TVS Training and Services) and Automotive Styling, Body in White (BIW) (certified by the Institute of Industrial Design - IID). Student Entrepreneurs

- *A Supersonic Wind Tunnel*
- *Sophisticated Workshop*
- *Shell and Tube Heat Exchanger*

PROGRAMME OFFERED

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

ELIGIBILITY

- 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



ACHIEVE GLOBALLY

The school strives to mould the students in reaching their goals at National and International Sphere.

SCHOOL OF BIO AND CHEMICAL



The school exemplifies technical innovation, integrating three distinct departments: Biotechnology, Biomedical Engineering, and Chemical Engineering

KEY FEATURES:

- Departments accredited by ABET and NBA.
- DST-FIST sponsored laboratory and the GE Centre for Excellence in Health Care Facilities.
- Institutional membership with the Society of Biomaterials and Artificial Organs (SBAOI) in India, along with a student chapter in Chennai
- Sponsored and collaborative research projects funded by esteemed organizations such as DST, DBT, IGCAR, ISRO, DRDO, and MNRE.
- The School boasts a team of well-qualified, passionate faculty with expertise spanning various interdisciplinary fields, including 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.
- Opportunities for hands-on training in advanced instrumentation and high-end software

PROGRAMME OFFERED

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

ELIGIBILITY

- 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

SCHOOL OF BUILDING AND ENVIRONMENT



The school serves as a state-of-the-art research center dedicated to creating responsive environments through energy-efficient and structurally stable infrastructure, empowering students to tackle the challenges of a dynamic world.

KEY FEATURES:

- The Department of Architecture and Design is equipped with a material museum, a Building Services laboratory, a model-making workshop, and an Urban and Built Environment laboratory.
- Opportunities for semester study abroad Programme and faculty exchange initiatives with Karabuk University in Turkey, Universiti Pahang in Malaysia, and Universiti Teknologi Malaysia.
- Sponsored and collaborative projects funded by the Technology Initiative (WTI), the Department of Science and Technology (DST), the Ministry of Steel, the Atomic Energy Regulatory Board (AERB), and the National Council for Science and Technology Communication (NCSTC).
- Alumni are engaged in advanced specializations at esteemed institutions such as the Architectural Association in London, the University of Manchester, the University of Nottingham, and the University of Glasgow.

- *Strength of Material Lab*
- *Structural Engineering Lab*
- *Environmental Engineering Lab*
- *Concrete Technology Lab*
- *Soil Mechanics Lab*

- *Highway Lab*
- *Survey lab & CAD Lab*
- **PROGRAMMES OFFERED**

PROGRAMME OFFERED

- **B.E. - Civil Engineering**
- **B.Arch. - Bachelor of Architecture**
- **B.Des. - Bachelor of Design (Interior Design)**
- **M.Arch. - Sustainable Architecture**
- **M.Arch. - Building Management**
- **M.E. - Structural Engineering**

ELIGIBILITY

B.E. CIVIL ENGINEERING :

- 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
- B.ARCH.: As per the guidelines given by Council of Architecture
- B.DES.: 10 +2 examination with at least 45% marks (40% in case of candidates belonging to reserved category) in the qualifying Examination

SCHOOL OF MANAGEMENT STUDIES



The school is driven by an unwavering commitment to provide its students with an exceptional education and experiential learning opportunities. Our educational framework is rooted in the principles of general management, integrating contemporary theories and best practices from the corporate sector.

KEY FEATURES:

- Special initiatives facilitating earning while learning through project-based assignments
- Successful entrepreneurial ventures fostered by management support
- Practical training and experiential learning through internships in various industries
- Funding and grants from organizations such as the Ministry of Women and Child Development (MWCD), Ministry of Micro, Small and Medium Enterprises (MSME), Tamil Nadu Corporation for Development of Women (TNCDW), Entrepreneurship Development Institute (EDI), National Human Rights Commission (NHRC), Department of Science and Technology (DST), and Indira Gandhi Centre for Atomic Research (IGCAR)
- Promotion of student startups and Semester Abroad Programme
- Professional training in management tools and techniques, along with relevant certifications
- Collaborations with industry partners and membership in professional bodies to enhance learning and development
- Continuous engagement with industry to enrich academic content
- Encouragement for students to tackle real-world industry challenges as part of their final semester projects.

PROGRAMME OFFERED

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

ELIGIBILITY

- B.Com / B.B.A / B.Com FA: A pass in the 10th, +2 / first class from state / CBSE / ICSE with minimum of 60% in Accountancy, Commerce, Economics / Computer Science
- MBA / M.Com.: A Bachelor's degree in any discipline with 10th, +2 +3 system with at least 60% in group subject

SCHOOL OF SCIENCE AND HUMANITIES



The school is distinguished by its strong research orientation and exemplary teaching standards. Its Programme are meticulously designed to align with the knowledge and skills demanded by employers, ensuring graduates are industry-ready.

KEY FEATURES:

- *FIST Lab in Physics:* Advanced research infrastructure funded under the Fund for Improvement of Science and Technology (FIST).
- *Prestigious Funded Projects:* Supported by esteemed agencies such as DST-SERB, DRDO-ER, ISRO, CSIR, and IGCAR
- *State-of-the-Art Media Facilities:* Equipped with an exceptional Photography Lab, Television Production Studio, Editing Lab, Multimedia Lab, and a fully-functional Media Centre.
- *Innovative ODL and Online Programme:* Offering B.A. English, M.A. English and M.Sc. Mathematics to cater to diverse learning needs.
- *Holistic Development:* The school addresses scientific, analytical, and artistic pursuits through robust expertise and cutting-edge infrastructure.
- *Department of Physics*
- *Department of Mathematics*
- *Department of English*
- *Department of Chemistry*
- *Department of Viscom*
- *Department of Psychology*
- *Department of Clinical Nutrition and Dietetics*
- *Department of Medical Lab Technology*
- *Department of Hotel Management*
- *Department of Computer Applications*

PROGRAMME OFFERED

UNDERGRADUATE PROGRAMMES 3 Years

B.Sc.-Visual Communication | Physics* | Chemistry* | Mathematics* | Psychology | Fashion design | Information Technology | Data Science | Clinical Nutrition and Dietetics | Medical Lab Technology | Radiology | Computer Science | Computer Science with Specialization in Artificial Intelligence | Bioinformatics and Data Science | Biochemistry | Biotechnology* | Microbiology | Clinical Nutrition and Dietetics | Medical Lab Technology
BCA - Bachelor of Computer Applications
B.A. - English* B.S.W. - Bachelor of Social Work

POSTGRADUATE PROGRAMMES 2 Years

M.Sc. - Medical Biotechnology & Clinical Research | Bioinformatics and Data Science | Computer Science | Physics | Chemistry | Mathematics | Visual Communication |
MCA - Master of Computer Applications | M.A. - English | M.S.W. - Master of Social Work

ELIGIBILITY

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

SCHOOL OF DENTAL SCIENCES



The School encompasses 17 departments, including six foundational sciences, nine core dental specialties, and two medical departments—General Medicine and General Surgery.

KEY FEATURES:

- **Advanced Clinical Training Facilities:** Houses 15 state-of-the-art clinical labs and two Typhodont simulation labs for pre-clinical training in disciplines such as Conservative Dentistry and Endodontics, Orthodontics and Dentofacial Orthopaedics, and Pediatric and Preventive Dentistry
- **Cutting-Edge Research and Clinical Infrastructure:** Focus areas span various branches of dentistry and allied sciences, including material science, pharmaceuticals, and clinical research.
- **Comprehensive Clinical Resources:** Equipped with modern dental chair units, a Lead-coated X-ray room, a digital X-ray unit with RVG, and advanced equipment, enabling undergraduate and postgraduate students to provide high-quality dental care, especially for pediatric patients.
- **Educational and Supportive Facilities:** Features an Anatomy Museum and a dedicated Tobacco Cessation and Counselling Clinic.
- **Community Outreach:** Engages in diverse outreach initiatives to deliver comprehensive healthcare services to underserved populations.

PROGRAMME OFFERED

- B.D.S - Bachelor of Dental Surgery
- M.D.S - Endodontist and Preventive Dentistry
- M.D.S - Conservative Dentistry and Endodontist
- M.D.S - Orthodontics and Dentofacial Orthopedics

ELIGIBILITY

- B.D.S: NEET Score-Eligible | Pass in 10 +2
- Admission through NEET - UG Counselling
- M.D.S: NEET - PG Score Admission through NEET - PG Counselling



DEDICATED 300 BEDDED HOSPITAL

Labs, advanced infrastructure, and a dedicated Tobacco Cessation and Counselling Clinic.

SCHOOL OF PHARMACY



The Sathyabama School of Pharmacy is dedicated to advancing the pharmaceutical and humanistic principles essential for understanding the complex interactions among patients, medications, caregivers, and healthcare systems

KEY FEATURES:

- **Collaborative Partnerships:** Established robust teaching alliances with hospital authorities, the Department of Health, community pharmacies, pharmaceutical companies, and local pharmaceutical manufacturers.
- **Excellence in Innovation and Learning:** Rooted in a strong tradition of excellence in discovery, education, and entrepreneurship, led by a highly skilled and professional academic team.
- **Comprehensive Training Programme:** Renowned for seamlessly integrating theoretical knowledge with practice-oriented teaching, delivered in state-of-the-art laboratories.
- **Focus on Behavioural and Social Sciences:** Prioritizes the interdisciplinary foundation of modern patient care, emphasizing the vital role of behavioural and social sciences in pharmaceutical education.

PROGRAMME OFFERED

- B.Pharm - Bachelor of Pharmacy
- Pharm. D - Doctor of Pharmacy
- D.Pharm - Diploma in Pharmacy
- M.Pharm - Master of Pharmacy

ELIGIBILITY

- A pass in 10 +2 / HSC / ICSE / CBSE or equivalent examination with Biology or Maths, Physics and Chemistry with an average of 50% marks and above

SCHOOL OF NURSING



The Sathyabama School of Nursing is committed to preparing proficient nurses equipped for clinical practice, education, research, management, and administration. The institution also places significant emphasis on specialized fields such as occupational and industrial nursing. With a highly qualified faculty, state-of-the-art infrastructure, a well-stocked library, and comprehensive student amenities, the College ensures a transformative learning experience.

KEY FEATURES:

- **Prestigious Collaborations:** Established MoUs with renowned national and international institutions and strong partnerships with corporate and government hospitals in the region.
- **Comprehensive Curriculum:** Offers a robust foundation in core nursing disciplines, including Medical, Surgical, Paediatric, Psychiatric, and Community Health Nursing.
- **Practical Expertise Development:** Engages students in diverse case studies to hone their skills and develop field-specific expertise.
- **Community Outreach Training:** Equips students to organize and conduct Mass Health Education Programme and health camps, fostering community engagement.
- **Quality Assurance:** Regular program evaluations ensure a student-centered, dynamic teaching and learning environment tailored to contemporary healthcare demands.
- **Organises Programs** that promote public health and awareness about diseases and preventive measure. These voluntary health services include health education, campaigns, workshops, etc., to reduce mortality and morbidity rates

PROGRAMME OFFERED

- **B.Sc. NURSING - Bachelor of Science in Nursing**

ELIGIBILITY

- A minimum age for admission shall be 17 years on 31st December of the year in which admission is sought.
- A pass in the 10th +2 / HSC / ICSE or equivalent examination with Biology / Botany & Zoology , Physics and chemistry with an average of 45% and English individually



COMPREHENSIVE NURSING TRAINING PROGRAMME

The programme includes strong foundational training in nursing, exposure to case studies, and practical experience

SCHOOL OF LAW



Sathyabama Law School offers 5 year integrated honours Programme, 3 year LL.B program and Post graduate Law Programme. School of law Programme are designed to provide comprehensive legal education, fostering critical thinking and analytical skills essential for the legal profession. School of Law empowers students to apply legal knowledge and skills to real-life legal issues and problems keeping in view social, economic, political, and cultural dynamics of the sustainable contemporary world. The Centres, clinics and club activities enable students to do work of unrivalled scope and ambition.

KEY FEATURES:

- Col.Dr.Jeppiaar Moot Court Hall
- Research Mentorship Program
- Legal Aid and Pro Bono Activities
- Moot Court Exercises using VR Technology
- Well-equipped Library
- Mock Trials
- Auditorium and Seminar Halls
- Outreach Programme
- E-Resources

PROGRAMME OFFERED

UG Programme

- LL.B 3 year Program
- 5 year B.A.LL.B(Honours)
- 5 Year B.Com,LL.B(Honours)
- 5 Year B.B.A.LL.B(Honours)

POSTGRADUATE LAW Programme

- 2 Year LL.M- Intellectual Property Rights
- 2 Year LL.M -Constitutional Law
- 2 Year LL.M- Criminal Law

ELIGIBILITY

- 5 Year UG Programme: Applicants must pass 12th (10+2) from a government-recognized board with a minimum % marks or equivalent grade as per BCI norms.
- 3 Year LL.B: Applicant must pass any undergraduate degree (10+2+3) with a minimum % marks or equivalent grade as per BCI norms.
- Age limit for UG- As per BCI norms

PG Programme: Applicants must have a three or five-year LL.B. degree from a recognized university or institution of national importance with a minimum of 50% marks or equivalent grade.

SCHOOL OF PHYSIOTHERAPY



The School of Physiotherapy is dedicated to preparing graduates with expertise in clinical practice, physiotherapy education, and research. Its undergraduate program is meticulously designed to equip students with comprehensive knowledge and advanced skills in physical diagnostic techniques while fostering a professional attitude towards the practice and delivery of physiotherapy treatments.

KEY FEATURES:

- Skill Enhancement Programme: Focus on specialized areas such as Ergonomics and Health Promotion.
- State-of-the-Art Skill Labs: Includes facilities like the Electrotherapy Lab, Exercise Therapy Lab, and Rehabilitation Units.
- Innovative Learning Approaches: Emphasizes Competency-Based Learning.
- Evidence-Based Practice: Encourages the application of scientific evidence in clinical decision-making.

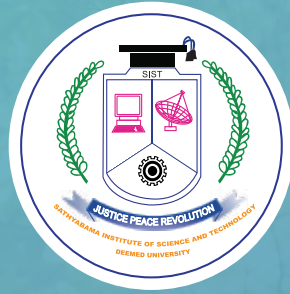
PROGRAMME OFFERED

COLLEGE OF PHYSIOTHERAPY

DURATION Four and half years including 6 months internship (4.5 years)

ELIGIBILITY

- A minimum age for admission shall be 17 years on 31st December of the year in which admission is sought.
- A pass in the 10th +2 / HSC / ICSE or equivalent examination with Biology / Botany & Zoology , Physics and chemistry with an average of 60% and English individually



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

CATEGORY - 1 UNIVERSITY BY UGC

Accredited with 'A++' grade by NAAC

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