

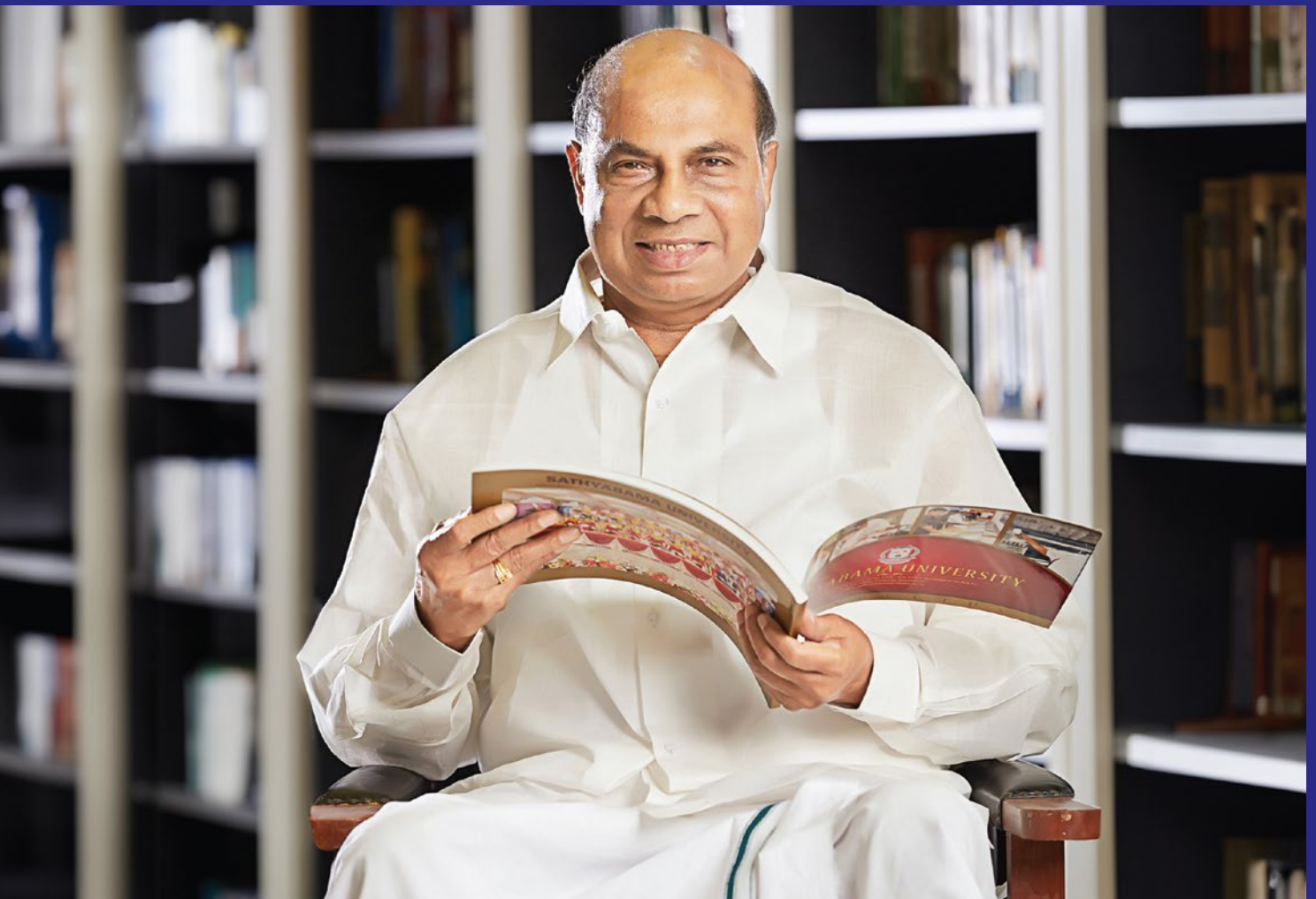
# PROSPECTUS 2024



**SATHYABAMA**  
INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)  
CATEGORY - 1 UNIVERSITY BY UGC  
Accredited with 'A++' grade by NAAC



# VISION OF FOUNDER CHANCELLOR



As a pioneering institution, Sathyabama has earned laurels in the field of education by providing extreme talents to the demanding clients. The underlying principles of discipline and hospitality have added glories to the institution. Education that ends up in an extremely beneficial career, that creates professionals developing technologies, products for the societal needs and infuses 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 education and producing high quality technical manpower to the nation.

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





# CHANCELLOR'S MESSAGE

Sathyabama is the epitome of excellence for various Frontiers of Research and Academics. Sophisticated Infrastructure supports the vision and mission of the institution with the value addition of highly qualified dedicated faculty fraternity. We uphold our value system through sustainable initiatives of progress and implementation.

I cherish the accomplishments of the institution those are contributing as well as reflecting our students' success. I believe that our efforts should be bigger than our vision about future. I'm envisioning Sathyabama's growth and contribution towards producing ethical, effective manpower to this great Nation. The institution transformed as a global destination for academic and research talent over three and half decades. We are fully committed to create potential opportunities for this passionate tech-savvy generation.

Students are our asset, alumni is our pride, stakeholders belief on us is our strength, upholding institutional values is our commitment. In this prestigious journey of "Sathyabama", support of parents, industry partners and other stakeholders is immense. I'm happy to invite young minds into our fold to accomplish your career dreams and achieve your academic aspirations beyond your expectations.

**Dr. MARIAZEENA JOHNSON**, B.E., M.B.A., M.Phil., Ph.D.,  
Chancellor,  
Sathyabama Institute of Science and Technology  
[chancellor@sathyabama.ac.in](mailto:chancellor@sathyabama.ac.in)



**45000+**  
Alumni Network  
Worldwide



Student  
Representation  
from **32**  
Indian States




Student  
Representation  
from **15+**  
Countries



**12**  
Schools



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



**16000+**  
Publications



**150+**  
International  
Collaborations



**60+**  
Countries  
& Regions



**400+**  
Faculty & Student  
Exchange

# VICE CHANCELLOR'S MESSAGE

Knowledge is Power. Sathyabama Institute of Science and Technology has made several achievements in its pursuit for excellence, in education and creating a society that is humane, inclusive and sustainable, for the past 35 years. Our Highly inspired and motivated faculty members and their involvement in academic and research activities is keeping the institution in the trajectory of success.

I am confident that our faculty will be able to quickly respond to the changes happening in the teaching field and successfully transform themselves to the digitalized environment. As educators, it is our moral duty to guide and support the students and help them achieve their academic and personal goals and ensure that the benefits of education reach out the students with different abilities and needs. We should equip our students with the 21<sup>st</sup> century skill set and groom them as responsible citizens, who will give back to the community. Let us positively move towards this objective.



**Dr. T. Sasipraba, M.E., Ph.D.,**

Vice Chancellor,  
Sathyabama Institute of Science  
and Technology

✉ [vc@sathyabama.ac.in](mailto:vc@sathyabama.ac.in)

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# WHERE EXCELLENCE SHINES, LEGACIES FLOURISH

Sathyabama has emerged as a leading Institution and achieved excellence in higher education to international standards owing to its research and academic excellence.



## SATHYABAMA DRIVES GLOBAL R&D INITIATIVES

*Sathyabama has undertaken various sponsored and collaborative R&D projects funded by National and International Organizations.*

Sathyabama Institute of Science and Technology is a prestigious institution which excels in the fields of Engineering, Science and Technology for more than three successful decades, and was established in 1988 by founder Chancellor Hon. Dr. JEPPIAAR. The institution offers multi-disciplinary academic programmes in various fields of Engineering, Science, Technology, law, Dental Science, Pharmacy, Nursing, Management, Arts and Science, Physiotherapy and Hotel Management. It is established under Sec.3 of UGC Act, 1956 and is been Accredited with 'A++' Grade by the National Accreditation and Assessment council. This glorious Institution is functioning under the dynamic leadership of Dr. Mariazeena Johnson, Chancellor, Dr. Marie Johnson, President, Mr. J. Arul Selvan, Vice President, Ms. Maria Bernadette Tamilarasi, Vice President and Ms. Maria Catherine Jayapriya, Vice President.

Dr. T. Sasipraba, Vice Chancellor, Dr. E. Logashanmugam, Pro Vice Chancellor, Dr. S. S. Rao, Registrar, Dr. B. Sheela Rani, Director Research, Dr. G. Sundari, Director Administration, and Dr. Igni Sabasti Prabu, Controller of Examinations are providing the necessary support system.

The Institution persistently seeks and adopts innovative methods to improve the quality of higher education and is responsive to the changes taking place in the field of education on a global scale. At the National level, the Institution has received Program level accreditation from the National Board of Accreditation (NBA) for ten UG Engineering programs and one PG program (MBA). At the International level, B.E. Computer Science and Engineering, B.E. Electrical and Electronics Engineering and B. Tech. Biotechnology Programmes are accredited by the Accreditation Board for Engineering and Technology (ABET). The Institution has a team of dynamic and outstanding faculty, innovative pedagogical practices, state of the art infrastructure and world class Research Facilities.

Sathyabama has a good presence in rankings and ratings at National and International level. The Institution has been ranked in 51<sup>st</sup> position by the National Institutional Ranking Framework (NIRF), Government of India among the Universities in India for the year 2023 and ranked one among the top 100 Universities for eight consecutive years. Times Higher Education and QS has ranked Sathyabama among the top Institutions worldwide. Sathyabama Institute of Science & Technology has alliances with leading Universities and research establishments at National and International Level. International Research Centre, Sathyabama Research Park with centres of excellence is enabling this as a research-intensive institution having world-class laboratories and research facilities. Sathyabama has undertaken various sponsored and collaborative R&D projects funded by National and International Organizations. Sathyabama has written a special page in the history of space research on 22<sup>nd</sup> June 2016 with the launch of "Sathyabamasat" in association with ISRO.

Centre for Academic partnership and International Relations engaged in MOUs with several International universities. The Institution has become the potential destination in offering world-class academic and research ambience, therefore attracting students from different parts of the globe.



# PROGRAMMES OFFERED

## SCHOOL OF COMPUTING

- B.E. - Computer Science and Engineering
- B.E. - Computer Science and Engineering with Specialization in Internet of Things
- B.E. - Computer Science and Engineering with Specialization in Data Science
- B.E. - Computer Science and Engineering with Specialization in AI
- B.E. - Computer Science and Engineering with Specialization in Artificial Intelligence and Robotics
- B.E. - Computer Science and Engineering with Specialization in Artificial Intelligence and Machine Learning
- B.E. - Computer Science and Engineering with Specialization in Blockchain Technology
- B.E. - Computer Science and Engineering with Specialization in Cyber Security
- B. Tech. - Information Technology
- M.E. - Computer Science and Engineering (2 Years)
- M.E. - Computer Science and Engineering (Integrated Course) (5 Years)

## SCHOOL OF ELECTRICAL AND ELECTRONICS

- B.E. - Electrical and Electronics Engineering
- B.E. - Electronics and Communication Engineering
- M.E. - Embedded Systems & Internet of Things
- M.E. - Applied Electronics
- M.E. - Power Electronics & Industrial Drives

## 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 MANAGEMENT STUDIES

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

## SCHOOL OF DENTAL SCIENCES

- 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

- L.L.B - Bachelor of Law (3 Years)
- B.Com.LL.B.(Hons) - Bachelor of Commerce and Bachelor of Law (5 Years)
- B.A.LL.B.(Hons) - Bachelor of Arts and Bachelor of Law (5 Years)
- B.B.A.LL.B.(Hons) - Bachelor of Business Administration and Bachelor of Law (5 Years)
- L.L.M - Master of Law in Intellectual Property Rights
- L.L.M - Master of Law in Constitutional Law
- L.L.M - Master of Law in Criminal Law

## SCHOOL OF SCIENCE AND HUMANITIES

- B.A. - English\*
- B.S.W. - Bachelor of Social Work
- BCA - Bachelor of Computer Applications
- B.Sc. - Visual Communication
- B.Sc. - Physics\*
- B.Sc. - Chemistry\*
- B.Sc. - Mathematics\*
- B.Sc. - Psychology
- B.Sc. - Computer Science
- B.Sc. - Computer Science with Specialization in Artificial Intelligence
- B.Sc. - Information Technology
- B.Sc. - Fashion Design
- B.Sc. - Hotel Management
- B.Sc. - Data Science
- B.Sc. - Clinical Nutrition and Dietetics
- B.Sc. - Medical Lab Technology
- B.Sc. - Radiology
- B.Sc. - Forensic Sciences
- B.Sc. - Bioinformatics and Data Science
- B.Sc. - Biochemistry
- B.Sc. - Biotechnology\*
- B.Sc. - Microbiology
- M.A. - English
- M.S.W. - Master of Social Work
- MCA - Master of Computer Applications
- M.Sc. - Visual Communication
- M.Sc. - Physics
- M.Sc. - Chemistry
- M.Sc. - Mathematics
- M.Sc. - Psychology
- M.Sc. - Computer Science
- M.Sc. - Software Engineering
- M.Sc. - Medical Biotechnology & Clinical Research
- M.Sc. - Bioinformatics and Data Science

## SCHOOL OF PHARMACY

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

## SCHOOL OF NURSING

- B.Sc. Nursing - Bachelor of Science in Nursing (4 Years)

## SCHOOL OF PARAMEDICAL SCIENCES

- B.P.T - Bachelor of Physiotherapy

## RESEARCH PROGRAMMES

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

- Ph.D. - Doctor of Philosophy

## ONLINE & DISTANCE LEARNING PROGRAMMES

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

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



# LIFE AT CAMPUS

The campus greets with greenery, treats with smiles of people, and yields the sense of intellectual satisfaction. IT Highway hosts Sathyabama Institute of Science and Technology, which is nearer to any dense part of the city of Chennai. This is an ecofriendly environment filled with ideas of synergy.



## SOPHISTICATED INFRASTRUCTURE

Academic blocks with well-ventilated classrooms, Spacious dining halls, Bakery, Hostels with integrated facilities, Flipped Classrooms, Smart classrooms are serving as the platforms for student deliberations on emerging technologies. 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, canteens serving variety of cuisines, dedicated mess halls for vegetarians and non-vegetarians, CCTVs installed for the safety of the students, health care centers with round the clock medical officers, Reverse Osmosis plants, leased internet line and child care center.

## SATHYABAMA CENTRE FOR ADVANCED STUDIES

The Sathyabama Centre for Advanced Studies is one of its kind learning space in the campus that ensembles the conjunction of academic and research expertise. The advanced facilities established in the Centre includes an Artificial Intelligence Laboratory with supercomputing facilities, a Drone and Robotics Experimentarium Lab consisting of Robotics Workstations, Swarm drones, Humanoid robots, Autonomous rovers, Metaverse Studio and advanced characterization facilities like HRSTEM, FESEM and XRD. FACS Multi-Omics Core Facility (FMCF) for conducting Research in Vaccine, Genomics, Proteomics and Transcriptome analysis.

## PLACEMENT CELL - MOST HAPPENING SPACE

The Placement Cell conducts industry specific training as per the current skill level demand. Training programs are conducted in association with premier institutes and by industry subject matter experts in an interactive, learner centric, user-friendly, dynamic test taking platform. This allows the student to access an insightful performance report instantly. Students are also mapped to industry experts through Alumni association and a strong mentor-mentee relationship is established. Placement training from first year ensures more opportunities for all deserving students.

## LIBRARY

Our monumental central library houses thousands of distinct collection of technical and nontechnical books. Library possess different wings in the form of Advisory Bureau of Higher Studies, Digital Library, Presentation Halls and Serene Reading sections catering 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.

Library has collection of 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. Preparation to competitive examinations like GATE, IES, GRE, TOEFL, GMAT, CAT and IELTS.

## RESEARCH FACILITIES

The International Research Centre and Sathyabama 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. These centres are busy in connecting the International Research Community with our ever enthusiastic students.

## MEDICAL FACILITY

A general hospital with 100 bedded facilities and round the clock availability of doctors is serving not only to our students but also to the general public through mega dental camps and regular medical services. This is in addition to medical rooms and dispensaries attached to the boys and girls hostels.

This is the fine illustration of sophisticated infrastructure, which has all the major divisions of specialization and laboratories relevant to dental surgery.

# PASSIONATE TEACHING

## EXPERIENTIAL LEARNING

Student observes Gurus not just teachers in classrooms. Every student is carefully molded into better citizens. A mediocre student transforms into an innovative mind in the chosen domain. An ordinary performer turns into extraordinary executor is the essence of our teaching. Ethics are embedded in our teaching and learning process.

Research interactive talks, blended learning adds value to the thought pattern of the enthusiastic learners.

Seminars, workshops, e-learning, activity based learning, discussions, forums, deliberations with intellect world brings a wholesome experience to the tech-savvy students.

### CARE IN SHAPING CAREERS

Teachers play multiple roles as mentors, believers of your talent, promoters of your knowledge and as the best guides of your life. Counseling and care are the inherent values of our teaching methodology. Self-learning is consistent in teaching fraternity that naturally drives the student minds towards excellence.

Skill based learning, making students ready to work from day one in industry are critically emphasized points in the classrooms. English language labs, skill laboratories, spacious auditoriums are other knowledge sharing and dissemination platforms.

Placement training from first year multiplies bright career opportunities. Dream company offers to getting placed in dream destinations is the usual day-to-day happenings in the campus.

Every student is provided with access to various Academic, Medical and Psychological support systems available in the campus. Student counselors mould 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, if any and addresses 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.

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. Sathyabama IAS Academy is offering training for interested aspirants with faculty of repute.



### MAKING STUDENTS INDUSTRY READY FROM DAY ONE

*Skill-based learning, making students ready to work from day one in the industry are critically emphasized points in the classrooms.*





# RESEARCH EXCELLENCE



## INSTITUTIONAL SEED GRANT

To promote the culture of research and innovation among faculty and students, every year Sathyabama provides Seed Grant for innovative ideas that provide solutions to the societal problems in the area such as Agriculture, Healthcare, Energy and Waste Management. Around 50 startups are given financial aid from the institution.

## PUBLICATIONS AND PATENTS

The Institution has shown a remarkable performance with respect to publications by bringing out internationally acclaimed research publications.

### The Institution has around:

- » 13,500 publications indexed in Scopus and 6,570 in Web of Science, the institution has demonstrated an excellent performance with respect to publication of research outcomes. The high H-index values of 102 in Scopus and 87 in Web of Science indicate both the quantity and impact of the research output. Sathyabama has 1600+ joint publications resulting from collaborations with international research organizations and universities.
- » The institution's contribution to innovation is reflected in the 300+ patents, including 21 German patents and 14 Australian patents.

## SATHYABAMA TECHNOLOGY BUSINESS INCUBATOR

Sathyabama's Technology Business Incubator funded by NSTEDB - DST exclusively for the development and promotion of entrepreneurship in Marine Bio Resource , Engineering and Information Technology. Sathyabama Technology Business Incubator has been instrumental in promoting a culture of innovation and entrepreneurship among our students and in our community and has facilitated the development of many startups. Sathyabama-TBI has also been recognized by Startup TN, Government of Tamil Nadu in promoting innovation and entrepreneurship.

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



**FACULTY MEMBERS LISTED  
IN THE TOP 2% MOST  
INFLUENTIAL SCIENTISTS  
BY STANFORD UNIVERSITY'S  
SURVEY IN 2023**

# RESEARCH COLLABORATORS AND PLACEMENT PARTNERS



accenture

amazon

IBM

Bonfiglioli

Cappgemini

Cognizant

opentext

FORBES MARSHALL

HCL

HEWLETT PACKARD

HITACHI



JPMORGAN CHASE & CO.



HYUNDAI

saipem



LTIMindtree



TCS TATA CONSULTANCY SERVICES



NIQ

TATA COMMUNICATIONS

ORACLE

publicis sapient

RENAULT NISSAN

BOSCH Invented for life

JSW Steel

SANMAR

SIEMENS

NTT DATA



Mphasis The Next Applied

HYUNDAI MOBIS



verizon

NOKIA



ZIFO RND SOLUTIONS

## YOUR FUTURE Begins Here

### COMPETENCY BASED CAREER PLANNING

In the first year students' skills and competencies are diagnosed to identify their strengths and weaknesses. Alongside academics, various skill development programs are delivered. Throughout the year, we roll out domain specific training targeting the need of niche hiring for particular roles offered by diverse Industries. Based on the students' learning capacity they qualify for high profile companies.

### INTERNSHIP & ON-THE-JOB TRAINING OPPORTUNITIES

Internships and On-the-Job trainings are a significant learning period for students as it helps to understand and practice a specific job role by observing an employee at their work place. Students are guided and supported to get needed experience to sustain in the industry well before graduating.

### DIVERSE PLACEMENT SCOPE

The scope of Placements has expanded substantially with diverse companies from Product Development, IT Services, Mechanical, Healthcare, Construction, Communications, Aeronautical, Automobile, Management, Human Resources, Finance, Operations and Start-ups looking to recruit from Sathyabama.



### ROBUST INDUSTRY PARTNERSHIPS

Through our strong Industry connections, we understand that the ongoing challenge for big corporations is to identify graduates who are up to date on the latest trends and technology innovations. Employers want new hires that can be on boarded and are productive from day one, instead of requiring long and high priced training programs to get them up to speed. It is the top most priority to meet this demand by ensuring our students are well trained and capable from day one. Industries from various sectors are part of our academic board and they provide crucial contributions in designing our curriculum.

### RISING FUTURE STARS

We aim to create rising stars by giving students not just opportunities but also through training and empowering to create your own opportunities. The placement Cell works in coordination with all the academic departments to lay down ample number of success paths for students. A student has to only choose the right path to follow and target to shine in the future.



# YOUR WORLD OF OPPORTUNITIES

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 enable students to prepare for various examinations. Advisory Bureau for Higher Studies counsels and supports the students for their enrolment at Universities across the world.

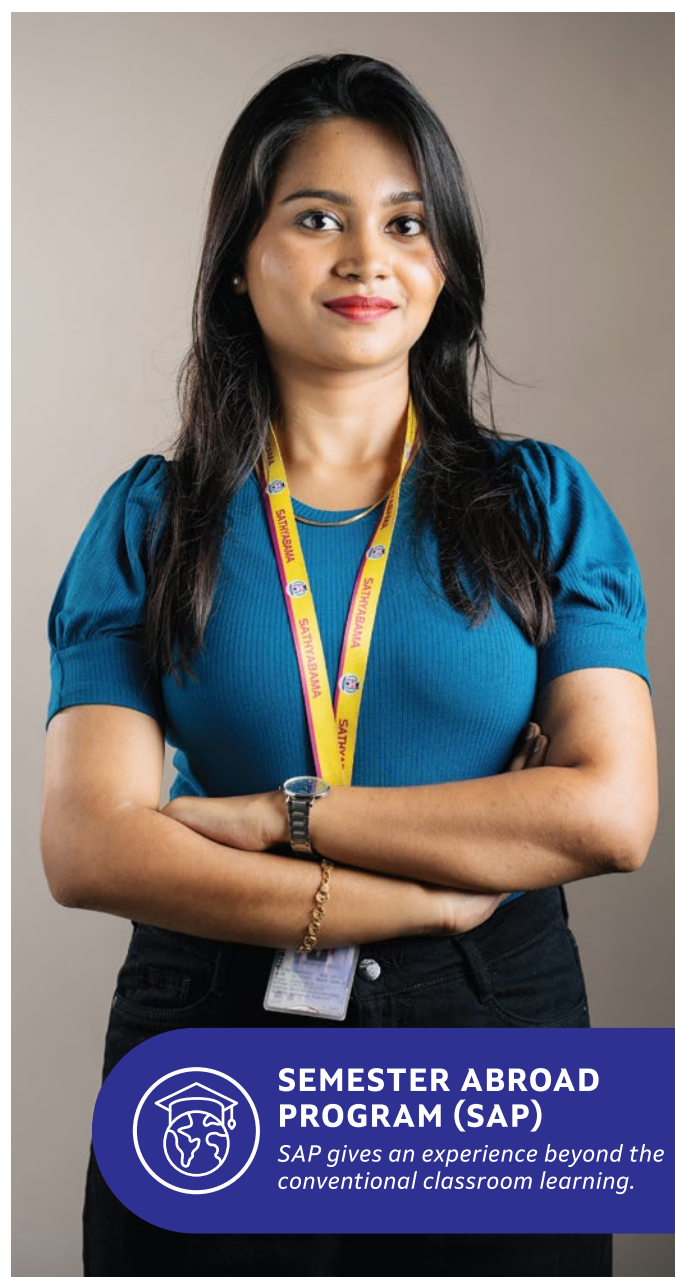
## STUDY ABROAD - BROADEN YOUR HORIZON

Study abroad is a perfect complement to all the splendid things that Sathyabama offers in 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 Program (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.

## 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 conducts foreign language courses for the students.

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



# RANKINGS AND RATINGS

## NATIONAL



**Ranked 51<sup>st</sup> Position**  
among Universities in India by NIRF,  
Govt. of India 2023



**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, 2024



**Ranked 401-500**  
in the world by Times Higher Education  
Young University Rankings, 2023



**Ranked 501-600**  
in the world by Times Higher Education  
Asia University Rankings, 2023

*Our Institution is placed in very good positions in Times Higher Education Impact Rankings 2023, 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, 2023

**Ranked  
101-200**

for SDG 07  
Affordable and  
Clean Energy

**Ranked  
201-300**

for SDG 15  
Life on Land

**Ranked  
201-300**

for SDG 14  
Life below water

**Ranked  
301-400**

for SDG 13  
Climate Action

**Ranked  
301-400**

for SDG 09  
Industry, Innovation  
and Infrastructure

**Ranked  
601-800**

for SDG 01  
No Poverty

**Ranked  
601-800**

for SDG 17  
Partnership  
for goals

**Ranked  
801-1000**

for SDG 03  
Good Health  
and Well Being



**World University  
Rankings 2024  
by Subject**

**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



**WORLD  
UNIVERSITY  
RANKINGS  
2024**

**Ranked 1001-1200** in the world by QS World University Rankings, 2024.  
Sathyabama is one of the 46 Institutions in India ranked by QS.



**WORLD  
UNIVERSITY  
RANKINGS**

QS Asia University Rankings | 2023

**Ranked 401-450** in the QS Asia University Rankings, 2023 by assessing the performance of  
Sathyabama in the core criteria like Teaching, Research, Internationalization and employability.



**EXCELLENT**  
★★★★★

**Awarded 5 Stars Ratings by QS** for Academic and Research Excellence



# SATHYABAMA

## BEYOND YOUR ACADEMIC ASPIRATIONS



### EXPERIENTIAL LEARNING

Aspirations are many, opportunities are numerous and an individual attaining needed competence is the major challenge today before academia. Sathyabama is the best destination for such young aspirants as we do not just teach to students but always reach out to them with what is the need of the hour for industry. Various clubs & forums and variety of avenues are designed for the “Artificial Intelligence era” demands.

### INDUSTRY READY GRADUANDS

Past few decades witnessed huge gap between industry expectations and academic outcomes. Sathyabama took this responsibility in a meticulous manner and producing effective technical manpower to the Nation. Our quality efforts in training, nurturing young minds are reaping results in shaping student life with great degree of sustainability over years.

### LEARNING IS PRIME

Paradigm shift in teaching and learning in the post-pandemic period is experienced by the world. Our institution quickly shifted the gears to adapt to this scenario and delivered the best in these times.

Demands of digitization in education are not new to Sathyabama. Our infrastructure supported our strategic shifts in the content delivery with effectiveness.

Learning is the focal point, whether offline or online classroom for a student. We keep up the belief entrusted by parents and students. Blended learning becomes new normal, Innovative teaching becomes more natural and offering holistic education became a habit for almost three and half decades.

Open air theatre (OAT) of around 1000 seating capacity is available to conduct activities after the class hours to students.

# HOSTELS

## PLACES OF COMFORT AND SECURITY

Hostel life is memorable to anyone. We understand the comfort of the hostel inmates and offer necessary facilities. Security is the prime objective in our hostels' management. We have 5 boys and 5 girls hostels with massive infrastructure within an area of 16,75,00 Square feet. Wi-fi, laundry, sophisticated fitness centres, dedicated mess halls for boys and girls, computer centres are the supporting infrastructure providing the best accommodation facility to students.

Dedicated food stalls with modern-architectural designs serve food loving students with delicious menu.

### LIFE AFTER CLASS HOURS

Hostel inmates' life after Class hours offers flexibility in making their choices related to sports, extra-curricular activities and advanced learning facilities. Library is accessible for extended hours facilitating self-study, classrooms are well within the reach to hostels. Dispensaries, Medical rooms, general hospital make the health infrastructure modern and unique.

Indoor stadiums, spacious grounds, other facilities such as Courier service, binding and Xerox, air-conditioned rooms ensure quality life for the hostel inmates. Greenery everywhere luring for long walks on the broad roads of the campus, which is located just next to IT highway of India's happening city brings an awesome experience of SERENITY.



### EMERGENCY TREATMENT

24X7 Medical Aid facility is available for Hostel Inmates. Student shall approach "STUDENT HELP DESK" in health emergencies. Student Help Desk assists students in getting emergency health aid in coordination with dispensary and if needed the student is referred to "SATHYABAMA GENERAL HOSPITAL". Students are provided with medical insurance facility.

# ALUMNI - OUR IDENTITY

Sathyabama's distinguished Alumni plays a prominent role in the student development plans and their effective implementation. Our eminent Alumni spread across diverse industries globally come together through the Sathyabama Alumni Association and contribute to the growth and success of current students



*"Embarking on a journey at the Sathyabama Institute of Science and Technology (SIST) opens doors to a world of unparalleled opportunities that can truly revolutionize a student's career trajectory. Having personally experienced the transformative power of this esteemed institution, I can confidently affirm that it offers far more than just an education. Instead, it unveils a treasure trove of hidden gems, making the experience both unique and unforgettable. Beyond cultivating professional excellence, SIST instills in its students the importance of compassion and philanthropy, nurturing not just skilled professionals but also compassionate human beings."*

**MR. HYTHER NIZAM**  
President, Middle East and Africa,  
**ZOHO**

B.E. - Electronics and Communication Engineering  
1994-98

*"What really stands out to me at Sathyabama over the years is the fantastic support that the University provides to the students. Staff are adept at identifying self motivated students and provide extra support in finding industry connects as per the students' interests. The new infrastructure such as drone and metaverse labs provides industry experts like me the confidence to recruit more from Sathyabama. The "Skill Match" approach by producing the niche skills needed in the job market, gives the advantage to the recruiters to find the readily deployable resources at Sathyabama. The University is constantly trying to improve standards for themselves and that is an indicator of better things to come."*

*Any University that's thinking of improving themselves would be a fantastic place to learn from and grow your career. Sathyabama stands top on it.*

**MS. CHIAMALA ARAVAMUDHAN**  
Founder and CEO  
**cSoft Technologies Pvt. Ltd.**

B. Tech. - Information Technology  
2001-05







# SPORTS

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

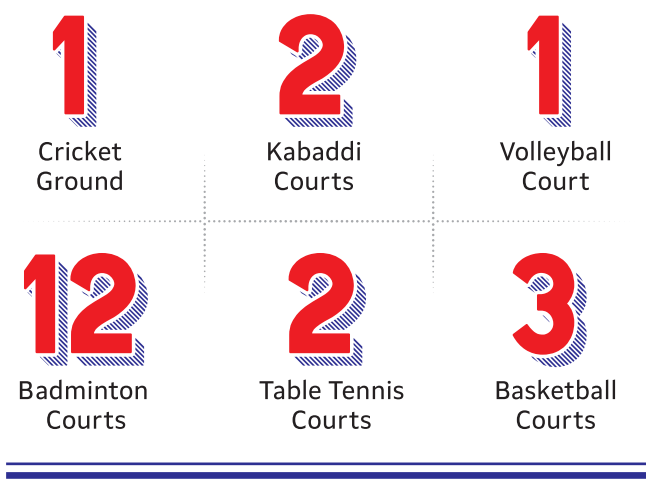
## EXCELLENT SPORT AND FITNESS FACILITIES

Sathyabama is proud of not only having excellent sports facilities, but in having produced sportsmen of the highest caliber, who have represented the Nation and also at State level tournaments in various disciplines like volley ball, basket ball etc. Sathyabama has 12 badminton courts, 2 kabaddi Courts, 2 table tennis, cricket grounds and yoga hall.

## KEEPING IT COMPETITIVE

Student can chill out in playing games like Hockey, Football, Cricket, Tennis and other indoor games. Sathyabama encourage students in participation of the National and International tournaments and several students achieved laurels to the institution. Sathyabama also conduct sports competitions to Corporates and School Students.

The institution gives vital space for sports talent. Various mega tournaments are organized in the campus to match the spirit of sport among the students. Sathyabama have organized UBA Pro Basketball League and 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”.



## 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.

# CENTRE FOR SKILL DEVELOPMENT



## EMPOWERING STUDENTS WITH SKILL DEVELOPMENT INITIATIVES

*Sathyabama addresses 21<sup>st</sup> century education challenges through a collaborative Skill Development Center for students' growth.*

Learning is the most essential tool to enhance the socio-economic growth of not only an individual but also of the entire Nation. The higher education of 21<sup>st</sup> century faces several challenges in providing skill-centric learning, meeting the needs of the industry and society in the global platform.

To confront such challenges, Sathyabama Institute of Science and Technology has established Centre for Skill Development in collaboration with NSTI (MSDE), NSIC (MSME), RSDC and AICTE sponsored Skill and Personality Development Centre (SPDC) which aims to upgrade skills to International standards through significant industry participation and develop necessary frameworks of standards for quality assurance. Along with the outstanding academic learning, students in our institution are practically oriented with different skill sets, bridging the gap between the academics and the industrial, societal needs.

The skill development centre of Sathyabama Institute of Science & Technology conducts various skill-oriented programs like AI Programming, Machine learning, Cyber security, Internet of Things, Embedded Programming, Data Acquisition, CATIA V5, Robotics and PCB Design courses in association with National Skill Training Institute (NSTI), Ministry of Skill Development &

Entrepreneurship (MSDE), and NSIC thereby honing the technical skills of the students and make them industry ready.

## WOMEN EMPOWERMENT BUREAU

Women Empowerment Bureau of the institution 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 also 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 and Transformational Workshops and Life Skill Training are also conducted.



# STUDENT DEVELOPMENT CELL

Aero Club

Auto Club

Community Development Club

Coding Club

Computer Science Club

Design Club

Google Developer Club

Dr.Kalam Club

Eco Club

En-Core Club

Hardware Club

Innovation Club

Mechatronics Club

Mathematics Club

Microsoft Club

Music Club

Robotics Club

Rotaract Club

Science Club

Tamil Club

Debate Club

Anti Human Trafficking Club

Dance Club

Artificial Intelligence Wizards Club

Cognitive Club

Entrepreneurship Development Club

Compillex Club

Open Discussion & Philosophy Club

Hack SIST Club

Pharamacy Journal Club

NDLI SIST Club

Media Club

English Literary Club

Chess Club

TedX SIST

Tourism Club

Catalyst Club

Soft Skills Club

Cyber Security Club

Sports Club

IIoT Club

Data Science & Analytics Club



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 42 student clubs those 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 fest - 'Technosummit'.

Student Development Cell is keen on exploring, improving and fine tuning the technical and non-technical abilities of students. Every student member of the club has a wonderful opportunity to enrich their profile with participatory learning. Ample number of opportunities is provided for the students to exhibit their literary, leadership and artistic skills.

Debate, English, Tamil clubs are exclusive to enrich the oratory skills and writing skills of the students. Music club, Dance Club

encourages students to participate in various competitions. Various technical clubs such as Aero, Auto, Microsoft and other clubs helps students to develop their technical knowledge. Community Development Club, Rotaract Club, Anti Human Trafficking Club, Eco Club, Chess and Sports Club inspire students towards social awareness through numerous social outreach activities of the institution. Clubs such as Mathematics, Science, Cognitive and Innovation clubs helps students to work on foundation principles of learning and thereby to improve innovative thinking.

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, Lead talks, Tech talks, value added courses and seminars.

# STUDENT SUPPORT SYSTEM

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.

Student grievance cell, Anti-ragging cell, Internal Complaints Committee, Anti-discrimination cell helps in resolving student related grievances and other issues.



## STUDENT HELP DESK

'Student Help Desk' is the primary support centre to address students 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 desk is serving as the first point of contact for needed 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 food, education and take lot of care in shaping their lives. Numerous students of this section 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 "Chancellor Scholarship Scheme".

We conduct "SATHYABAMA ALL INDIA ENTRANCE EXAMINATION" SAEEM all over India for admission into undergraduation programmes on merit basis every year in the mid of April. The applications are made available in online/offline from November month of every year. 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 soil 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'. NCC, NSS and YRC accommodate student service based interests.





# ACADEMIC PARTNERSHIP & INTERNATIONAL RELATIONS

Centre for Academic Partnership and International Relations is an initiative of Sathyabama Institute of Science and Technology devoted to promote academic alliances with Universities and Institutions at National and International level. The Centre establishes Partnerships with Institutions and facilitates faculty exchange program, student exchange program and semester abroad program. The Centre also facilitates collaborative activities like joint research and joint conferences with International Universities.

## **SEMESTER ABROAD PROGRAM (SAP)**

In order to provide global exposure and International learning experience to students, we have initiated Semester Abroad Program that allows students to study one semester in any one of our Partnering Universities at Europe, UK, USA, Canada, Australia, South America and Asia. Students can choose subjects/courses offered by the foreign universities, which is equivalent to the courses offered at Sathyabama in the respective semesters. The credits earned by the students in the foreign university for the semester will be considered for the award of degree.

## **STUDENT EXCHANGE PROGRAM**

Student Exchange Program allows mutual exchange of students between Sathyabama and the Partnering Universities across the world for a period of 3-5 months. Selected students can

study in the foreign university while the students from that university come here to study for the specified period.

## **FACULTY EXCHANGE PROGRAM**

The institution offers opportunity for Staff members to work in Partnering Universities in foreign countries on Faculty Exchange Program. The objective of this program is to provide broader experience to faculty members by teaching in different environments, interacting with colleagues in various institutions and learn best practices on curriculum, pedagogy and diversified work culture worldwide.

## **INTERNSHIP ABROAD**

Students are also given opportunity to undergo Internships at foreign Universities for a period of 2-6 weeks.



Library plays an essential role in supporting your studies. The monumental library with digital section along with Advisory bureau of higher studies section caters all the intellectual and career needs of a student. This Techno-driven Library remains open from 9.00 A.M. to 6.00 P.M. on all working days, for all the students.

Dedicated presentation hall and reading lounges are other supporting facilities in the Library.

Advanced search facilities, wi-fi, e-learning facilities, magazines, theses, 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.

### A PERSONALIZED APPROACH TO LEARNING

Library conducts various programs those are tailor-made to enhance the learning skills of the students through NDLI club. Students will be able to develop the skills related to book reading, search optimization in digital domain through these programs.



### A SPACE FOR ACADEMIC & INTELLECTUAL NEEDS

*Library offers advanced resources, technology support, and has advisory bureau for higher studies.*



### SERENE READING LOUNGES FOR FOCUSED LEARNING







**SATHYABAMA**

# CENTRE FOR ADVANCED STUDIES

The Sathyabama Centre for Advanced Studies is one of its kind in the campus that ensembles the conjunction of academic and research expertise. This state-of-the-art establishment is in a gargantuan area of 60,000 Sq.ft with total built up space of 2,40,000 Sq.ft having 360 feet facade with two courtyards one representing the academic block comprising ICT enabled classrooms and advanced research facility. This centre is equipped with 78 Solar panels capable of generating 50.31KW energy, which is monophase and also has the thunder arresting feature. The connecting courtyard acts as the information exchange and dissemination platform between scientists and student community. This centre consists of three floors.

This centre houses administrative spaces, office of the International Relations and Higher Studies and an Artificial Intelligence Laboratory with Supercomputing facilities. The AI research facility facilitates research on Machine learning, Data mining, Reinforcement learning, Data analytics, Cyber security and Block Chain technology. The centre is equipped with 3D facilities with exclusive Makers Space, the Centre of Excellence on Additive Manufacturing in collaboration with Stratasys. To transform creativity and imagination into interactive and immersive experiences a Metaverse Studio is established using cutting edge high performance development systems. An advanced DARE (Drone and Robotics Experimentarium) Lab consisting of Robotics Workstations, Swarm drones, Quadruped Robot, Humanoid Robot and autonomous rovers, to develop cutting edge technologies and products in the field of Drone and Robotics. An Advanced Characterization facility with HRSTEM, FESEM and XRD Development tools to understand structure and composition, shape, size and morphology of phases of different kinds of materials at Nano scale.

This centre has a sophisticated and acoustically advanced auditorium, Media Centre and Centre for Innovation and Technology Transfer. The Centre for Innovation and Technology transfer aims to promote a culture of Innovation and entrepreneurship and facilitate the transformation of ideas to products, designs and services.







# 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 and others.

## KEY FEATURES

- ABET, NBA Accredited Programmes
- DST FIST Sponsored CLOUD LAB AND WIRELESS SENSOR LAB
- Centre of Excellence with IBM Innovative Center for Education
- 95% placement in top corporates (Highest Package of ₹41 Lakhs per Annum)
- MOU with BUEA Camaron University and Taylors University
- Industry partners HCL, CTS, Capgemini offer and deliver various technology courses to our students like service now, 5G networks, Advanced Computer networks and UNIX for all.
- Skill enhancement courses, Design thinking and Innovation, Entrepreneurship courses such as venture creation and employability courses

- » Centre for Advanced Studies    » SuperComputing Facilities
- » Artificial Intelligence       » Drone and Robotics Laboratories

## UNDERGRADUATE PROGRAMMES

B.E. Computer Science and Engineering (CSE)	4 Years
B.E. CSE with Specialization in Data Science	4 Years
B.E. CSE with Specialization in Internet of Things	4 Years
B.E. CSE with Specialization in Artificial Intelligence	4 Years
B.E. CSE with Specialization in AI & Machine Learning	4 Years
B.E. CSE with Specialization in AI & Robotics	4 Years
B.E. CSE with Specialization in Cyber Security	4 Years
B.E. CSE with Specialization in Blockchain Technology	4 Years
B.Tech. Information Technology	4 Years

## POSTGRADUATE PROGRAMMES

M.E. Computer Science and Engineering	2 Years
M.E. Computer Science and Engineering (Integrated Course)	5 Years

## RESEARCH PROGRAMMES

Ph.D. Computer Science and Engineering
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## 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 ELECTRICAL AND ELECTRONICS

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.

## KEY FEATURES

- ABET, NBA Accredited Programme
- Centre of Excellence with C-DAC, HCL, NI and Reliance Jio
- Excellent Industry-Institution Interaction has resulted through MoU with industries such as Reliance, Jio, BSNL, HCL Technologies, C-DAC, Texas Instruments
- 90% placement in campus recruitment, core companies placement
- Association with Centre for waste management, Centre for nanotechnology, Centre for Quality Assurance and Non-Destructive Evaluation to quench the thirst for research
- Students are associated with professional bodies such as IEEE, IETE, IEI, ISOI, ISA to enhance the technical strengths

- » Funded Research Projects from BRNS, DRDO
- » Student participation in Semester Abroad Program
- » Electronic Vehicle

## UNDERGRADUATE PROGRAMMES

B.E. Electronics and Communication Engineering (ECE)	4 Years
B.E. Electrical and Electronics Engineering (EEE)	4 Years

## POSTGRADUATE PROGRAMMES

M.E. Embedded and IoT	2 Years
M.E. Applied Electronics	2 Years
M.E. Power Electronics and Industrial Drives	2 Years

## RESEARCH PROGRAMMES

M.Tech. (By Research)
Ph.D.

## 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 comprises of Core Engineering Branch like Mechanical Engineering which is one of the pioneering departments of the institution and the evolved multidisciplinary branch like Mechatronics.

## KEY FEATURES

- Mechanical Engineering and Aeronautical Engineering are NBA Accredited
- School has 2 CESSNA aircrafts worth of Rs.2 Crores
- Three Centres of Excellence: Centre for Collaborative Product Design & Development, Centre for Robotics and Automation, Engine Testing Centre
- MOUs with International Universities (St.Cloud State University, USA, University of Putra Malaysia, Malaysia, Universiti Malaysia Perlis, Malaysia, Wollo University, Ethiopia)
- Students undergoing Certification Courses by industry partners in specialized topics like Advanced Automotive Technologies (Certified by TVS Training and Services), and Automotive Styling, Body in White (BIW) (Certified by Institute of Industrial Design - IID)

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

## UNDERGRADUATE PROGRAMMES

B.E. Mechanical Engineering	4 Years
B.E. Mechatronics	4 Years
B.E. Aeronautical Engineering	4 Years

## POSTGRADUATE PROGRAMMES

M.E. Computer Aided Design	2 Years
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## 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 is a paradigm of technical innovation, amalgamated with three different Departments of Biotechnology, Biomedical Engineering, and Chemical Engineering.

## KEY FEATURES

- ABET and NBA Accredited Departments
- DST - FIST Sponsored Laboratory and GE - Sathyabama Centre for Excellence in Health Care Facilities
- Institutional membership with Society of Biomaterials and Artificial Organs (SBAOI), India, Student Chapter of Society of Biomaterials and Artificial Organs, Chennai Chapter
- Sponsored and Collaborative Research Projects Funded by DST, DBT, IGCAR, ISRO, DRDO and MNRE
- The School possesses 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
- Hands-on Training in Advanced Instruments and High-end Software

## UNDERGRADUATE PROGRAMMES

B.Tech. Biotechnology	4 Years
B.Tech. Biomedical Engineering	4 Years
B.Tech. Chemical Engineering	4 Years

## POSTGRADUATE PROGRAMMES

M.Tech. Biotechnology	2 Years
M.Tech. Medical Instrumentation	2 Years

## ELIGIBILITY

- A pass in the 10 +2 / HSC / ICSE or equivalent examination with Mathematics / Biology / Equivalent Subject with an average of 60% marks and above in core subjects
- Candidate opting for UG programmes should appear for Mathematics / Biology in the Sathyabama Entrance Examination





# SCHOOL OF BUILDING AND ENVIRONMENT

School as a state-of-the-art research centre in creating responsive built environment through energy efficient and structurally stable infrastructure and foster students to face the challenges of the dynamic world.

## KEY FEATURES

- The Department of Architecture and Design is equipped with a material museum, Building Services lab, Model making workshop, Urban and Built Environment lab
- Semester study abroad programs and Faculty Exchange with Karabuk University, Turkey, University Pehang Malaysia, University of Technology Malaysia
- Sponsored and collaborative funded projects by Water Technology Initiative (WTI), Department of Science and Technology (DST), Ministry of Steel, Government of India Energy Regulatory Board (AERB) and National Council for Science and Technology Communication (NCSTC)
- Alumni pursuing advanced specializations in prestigious Universities like Architecture Association - London, University of Manchester, University of Nottingham and University of Glasgow

- » Strength of Materials Lab » Structural Engineering Lab
- » Environmental Engineering Lab » Concrete Technology Lab
- » Soil Mechanics Lab » Highway Lab » Survey lab & CAD Lab

## UNDERGRADUATE PROGRAMMES

B.Arch. - Bachelor of Architecture	5 Years
B.E. - Civil Engineering (NBA Accredited)	4 Years
B.Des. - Bachelor of Design (Interior Design)	4 Years

## POSTGRADUATE PROGRAMMES

M.E. - Structural Engineering	2 Years
M.Arch. - Building Management	2 Years
M.Arch. - Sustainable Architecture	2 Years

## 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 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.

## KEY FEATURES

- Special provision for earning while learning through projects
- Successful entrepreneurial ventures supported by the management
- Practicum and on the job learning through internship at industries
- Grants and funds from MWCD, MSME, TNCDW, EDI, NHRC, DST, and IGCAR
- School encourages Startups of students and Semester Abroad Programmes
- Professional training on tools and techniques of management and certification
- Industry tie-up and membership in professional bodies to enhance learning and development
- Industry association to ensure further enrichment of academic content is consistently ensured.
- We encourage our students to take up live industry problems and do as projects in final semester

## UNDERGRADUATE PROGRAMMES

B.Com. - Bachelor of Commerce	3 Years
B.Com. - Financial Accounting	3 Years
B.B.A. - Bachelor of Business Administration	3 Years

## POSTGRADUATE PROGRAMMES

M.B.A. - Master of Business Administration	2 Years
M.Com. - Master of Commerce	2 Years

## ONLINE & DISTANCE LEARNING PROGRAMMES

B.Com. - Bachelor of Commerce	3 Years
B.B.A. - Bachelor of Business Administration	3 Years
M.B.A. - Master of Business Administration	2 Years

## ELIGIBILITY

**B.Com / B.B.A. / B.Com FA :** A 10<sup>th</sup> and +2 first class from State / CBSE / ICSE with minimum of 60% in Accountancy, Commerce, Economics / Computer Science

**MBA:** A Bachelor's degree in any discipline with 10 +2 +3 system with at least 60% in group subjects

**M.Com. :** A Bachelor's degree in commerce with 10 +2 +3 system with at least 60% in group subjects



# SCHOOL OF SCIENCE AND HUMANITIES

The School works with a strong research orientation and excellent teaching provision. The programmes are built around the knowledge and skills that employers required.

## 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
- Excellent Photography Lab, Television Production Lab, Sound Studio Lab, Editing Lab, Multimedia Lab, Media Centre
- The school offers two ODL, Online Programmes in M.A. English and M.Sc. Mathematics
- The School caters to the scientific, analytic and artistic needs of students through rich expertise and infrastructure

- » Department of PHYSICS      » Department of CHEMISTRY
- » Department of MATHEMATICS      » Department of VISCOM
- » Department of ENGLISH      » Department of PSYCHOLOGY
- » Department of CLINICAL NUTRITION AND DIETETICS
- » Department of MEDICAL LAB TECHNOLOGY
- » Department of HOTEL MANAGEMENT

## UNDERGRADUATE PROGRAMMES

3 Years

B.Sc. - Visual Communication | Physics\* | Chemistry\* | Mathematics\*  
| Psychology | Computer Science | Computer Science with  
Specialization in Artificial Intelligence | Information Technology |  
Fashion Design | Hotel Management | Data Science | Clinical  
Nutrition and Dietetics | Medical Lab Technology | Radiology |  
Forensic Sciences | Bioinformatics and Data Science | Biochemistry  
| Biotechnology\* | Microbiology

B.A. - English\*

B.S.W. - Bachelor of Social Work

BCA - Bachelor of Computer Applications

## POSTGRADUATE PROGRAMMES

2 Years

M.Sc. - Visual Communication | Physics | Chemistry | Mathematics |  
Psychology | Computer Science | Software Engineering | Medical  
Biotechnology & Clinical Research | Bioinformatics and Data Science

M.A. - English

M.S.W. - Master of Social Work

MCA - Master of Computer Applications

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

## ELIGIBILITY

For undergraduate programmes, 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 started BDS programme in 2009, registered with Dental Council of India with an intake of 100 students. School consists of 17 departments - 6 basic sciences, 9 core dental and 2 medical departments, namely General medicine and General surgery.

## KEY FEATURES

- The school has 15 well-equipped clinical labs and two simulation Typhodont labs for pre-clinical training
- Conservative Dentistry and Endodontics
- Orthodontics and Dentofacial Orthopaedics
- Pediatric and Preventive Dentistry
- State-of-the-art research and clinical infrastructure in various branches of dentistry and allied sciences like material science, drugs, clinical research, etc.
- The Department is well equipped with dental chair units, X-ray room with Lead coating, and a digital X-ray unit with RVG, and latest equipments, which enables Undergraduate and Post graduate students to deliver high quality dental care to the child patients
- Museum of Anatomy and a separate Tobacco Cessation and Counselling Clinic
- Diverse outreach programs regularly providing comprehensive healthcare

## UNDERGRADUATE PROGRAMMES

B.D.S. - Bachelor of Dental Surgery	5 Years
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## POSTGRADUATE PROGRAMMES

M.D.S. - Paedodontics & Preventive Dentistry	3 Years
M.D.S. - Conservative Dentistry & Endodontics	3 Years
M.D.S. - Orthodontics & Dentofacial Orthopedics	3 Years

## ELIGIBILITY

**B.D.S:** NEET Score-Eligible | Pass in 10 +2 | Admission through NEET-UG Counseling

**M.D.S:** NEET-PG Score | Admission through NEET-PG Counseling



## DEDICATED 100 BEDDED HOSPITAL

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



# SCHOOL OF PHARMACY

Sathyabama School of Pharmacy focuses on the pharmaceutical and humanistic bases for understanding the influencing drug actions and interactions involving patients, medicines, caregivers and health care systems.

## KEY FEATURES

- Forged a strong teaching partnership with the hospital authority, Department of Health, Community pharmacy, multinational pharmaceutical companies and local pharmaceutical manufacturers
- Driven by rich tradition excellence in discovery, learning and entrepreneurship under the aegis of a competent professional academic staff
- A dynamic training program, known for its excellence in balancing knowledge and practice based teaching in well equipped laboratories emphasizes the importance of behavioral and social sciences that are the foundation of modern patient care.

## UNDERGRADUATE PROGRAMMES

B.Pharm - Bachelor of Pharmacy	4 Years
Pharm. D - Doctor of Pharmacy	6 Years

## DIPLOMA PROGRAMME

D.Pharm - Diploma in Pharmacy	2 Years
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## POSTGRADUATE PROGRAMME

M.Pharm - Master of Pharmacy	2 Years
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## 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

Sathyabama College of Nursing aims to prepare qualified nurses in clinical practice, nursing education, research, management and administration. Also, the institution focuses on occupational and industrial nursing and many more. The College is equipped with qualified and competent faculty, state of the art infrastructure, Library and other student amenities.

## KEY FEATURES

- MOUs in place with National and International Institutions of high repute and collaboration with nearby Corporate and Government Hospitals
- Students are given a strong foundation in Basic Nursing, Medical, Surgical, Pediatric, Psychiatric and Community Health Nursing
- Students are exposed to various case studies during the course of study those will help them to get the needed expertise in this field
- Students are also trained in conducting Mass Health Education Programmes and Health camps
- Periodical quality evaluation of the programmes is conducted to ensure a student centered teaching and learning environment

## UNDERGRADUATE PROGRAMMES

B.Sc. Nursing - Bachelor of Science in Nursing	4 Years
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## ELIGIBILITY

- A minimum age for admission shall be 17 years on 31<sup>st</sup> December of the year in which admission is sought.
- A pass in the 10 +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

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. The school also offers a Two-year L.L.M Degree Programme in three specializations for deepening the student's conceptual understanding of core areas of law.

## KEY FEATURES

- Dr.Jeppiaar Moot-Court
- Well-Equipped Library
- Language Lab Facility
- Centre for Intellectual Property Rights
- Centre for Women Empowerment
- Moot Court Exercises using VR Technology
- Mock Trials
- Spacious Auditorium and Seminar Halls
- E-Resources

## UNDERGRADUATE PROGRAMMES

L.L.B - Bachelor of Law	3 Years
B.Com. LL.B.(Hons) - Bachelor of Commerce and Bachelor of Law	5 Years
B.A. LL.B.(Hons) - Bachelor of Arts and Bachelor of Law	5 Years
B.B.A. LL.B.(Hons) - Bachelor of Business Administration and Bachelor of Law	5 Years

## POSTGRADUATE PROGRAMMES

L.L.M - Master of Law in Intellectual Property Rights	2 Years
L.L.M - Master of Law in Constitutional Law	2 Years
L.L.M - Master of Law in Criminal Law	2 Years

## ELIGIBILITY

**B.A.L.L.B (HONS.), B.COM.L.L.B (HONS.), B.B.A.L.L.B (HONS.):** The candidate should have passed 12<sup>th</sup> (10 +2) examination from any recognized board with minimum percentage marks as per the norms of the regulating body. **Age Limit:** As per BCI norms

**LL.B:** A pass in any undergraduate degree (10 +2 +3) with minimum percentage marks as per the norms of the regulating body. **Age Limit:** As per BCI norms

**L.L.M:** A pass in undergraduate law programme from a recognized university





# SCHOOL OF PARAMEDICAL SCIENCES

The School of Physiotherapy aims to prepare graduates to expertise in clinical practice, physiotherapy education and research. An undergraduate programme in physiotherapy is aimed to impart in-depth knowledge and skill to a student to become competent in the physical diagnostic techniques, and also to develop the proper attitude towards the practice of physiotherapy and carry out the treatment.

## KEY FEATURES

- Skill Enhancement Program: Ergonomics and Health Promotion
- Skill Labs such as Electrotherapy Lab, Exercise Therapy Lab, Rehabilitation Units
- Competency-Based Learning
- Vertical Integration
- Reflective Learning
- Self Directed Learning
- Evidence-Based Practice

## FUTURE PROSPECTS

- » Practitioners of Physiotherapy
- » Trained Professionals in Managing Medical & Surgical Conditions

## UNDERGRADUATE PROGRAMMES

B.P.T. Bachelor of Physiotherapy	4 Years (+6 months internship)
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## ELIGIBILITY

- A minimum age for admission shall be 17 years on 31<sup>st</sup> December of the year in which admission is sought
- A pass in the 10 +2 / HSC / ICSE or equivalent examinations with Biology / Botany & Zoology, Physics and Chemistry with an average of 50%, whereas for SC / ST / OBC students, the minimum marks requirement is 45%



## TRANSFORMATIVE PHYSIOTHERAPY TRAINING

*The program enhances skills in ergonomics and health promotion through labs, competency-based learning, and evidence-based practice.*



# HOTEL MANAGEMENT

Educational courses in hotel management canopies wide range of topics in Sales & Marketing, Financial Management, Human Resource Management and Entrepreneurship Development. Extensive hands-on experience is provided in food production and beverage operations, cookery, applications of computer and front office operation.

## FUTURE PROSPECTS

The opportunities after completion of this course are numerous in the hotel industry in various professional roles related to hospitality and Cooking.

## UNDERGRADUATE PROGRAMMES

B.Sc. Hotel Management

3 Years

## ELIGIBILITY

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

## UNLOCK DIVERSE CAREER OPPORTUNITIES

The course prepares students with skills in sales, finance, HR, and operations.







# FASHION DESIGN

Fashion design is a promising course that has various dimensions related to the art, creativity and presentation skills. This course has been designed with utmost care and the institution houses all the necessary facilities for the aspirants, who would like to pursue a career in the fashion design industry.



## UNDERGRADUATE PROGRAMMES

B.Sc. Fashion Design

3 Years

## ELIGIBILITY

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

## FUTURE PROSPECTS

Career opportunities in the fashion industry as designers, media and film industry



## MASTER ADVANCED SKILLS IN FASHION DESIGN

*Fashion design course emphasizes art, creativity, and presentation skills, supported by advanced facilities*



# 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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