



OUR INSTITUTION

Sathyabama Institute of Science and Technology (SIST) was founded in the year 1987 by the visionary, pioneer educationist, industrialist and philanthropist, Col. Dr. Jeppiaar. It was established on behalf of the Jeppiaar educational trust to promote technical education in Tamilnadu. Since its inception, the institution has been emblematic of academic excellence and student discipline. This has been made possible by meticulous care mentoring and honing of the talents in the finest minds who enter this campus, alongside the parental nurture of the academically frail to augment their scholastic and skill competency on the world stage. The University has been awarded as Category "A" University by Ministry of Human Resources Development (MHRD), Government of India and accredited by NAAC with Grade "A" in the year 2017. The University is ranked 2nd among Private Universities in Tamilnadu by National Institutional Ranking Framework, Ministry of Human Resource Development, Government of India. University also declared as one among the top 31 deemed to be Universities by the Times Higher Education Ranking. The University aims to be the destiny of efficient and responsible technocrats that are fit to serve the industry and society.

ABOUT THE CENTRE

In the long term vision of our honorable chancellor, the Department of Bioinformatics at the Sathyabama Institute of Science and Technology had its inception in August 2001 and it is currently upgraded and re-christened as the Center for Molecular Data Science and Systems Biology (CMDSSB). The centre boasts of a plethora of commercial and open source software and the best of hardware infrastructure that are housed in spacious and well – maintained computational laboratories.

PROGRAMS OFFERED

- *Bachelor of Science in Bioinformatics & Data Science*
- *Master of Science in Bioinformatics & Data Science*
- *Ph. D in Bioinformatics*
- *Post Doctoral Fellowship in Bioinformatics*

ADJUNCT FACULTY

Our center has adjunct faculty of international and national repute from –

- Georgetown Medical Center, USA
- University of Florida
- University of California, Los Angeles, USA
- University of California, Riverside, USA
- University of Maryland, USA
- Robert Bosch Center for Data Science and Artificial Intelligence, IIT, Madras
- Institute of Mathematical Sciences, Chennai

ACADEMIC & RESEARCH COLLABORATION

- Georgetown Medical University, USA
- Madras Medical College, Chennai
- Stanley Medical College, Chennai
- Ki3 Life Sciences, Chennai
- Chettinad Health city and Research Institute
- Biozone Research Technologies, Chennai
- YRG Care Centre for AIDS & Education
- Alagappa University, Karaikudi
- Ragas Dental College, Chennai
- Department of Microbiology, Government Theni Medical College
- Department of Microbiology, Madras Christian College

HIGHLIGHTS

Purpose-driven faculty

Highly qualified faculty regularly publish their research in peer-reviewed journals nationally and internationally besides offering consultancy services to various institutions and organizations throughout the city.

Real-time learning

With special emphasis on interdisciplinary learning the centre focuses on cutting edge research using case studies and simulations backed up by experimental techniques for structured data analytics.

Bridging the gap

The centre constantly remains in touch with industry sector to understand their needs, so as to bridge the gap between the academia and industry, exhorting student initiative, research exposure, hands on training and placement.

