

SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

Strategic Plan 2021-2025



With the Blessings of



Col. Dr. JEPPIAAR, M.A., B.L., Ph.D. Founder Chancellor

SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY STRATEGIC PLAN 2021-2025

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Our Visionary Leaders



Dr. Mariazeena Johnson Chancellor



Dr. Marie Johnson President

Ms.Maria Bernadette Tamilarasi Johnson Vice President

Our Team

Dr. T Sasipraba Vice Chancellor

Dr. E Logashanmugam
Pro Vice Chancellor

Dr. Wilson Aruni Pro Vice Chancellor

Dr. S S Rao Registrar

Dr. B Sheela Rani Director - Research

Dr. G Sundari Director - Administration

Dr. Igni Sabasti Prabu
Controller of Examinations

FOREWORD

Sathyabama Institute of Science and Technology has grown as one of the top Institutions in India known for its excellence in teaching and research. The Institution has always had progressive developmental goals and never missed an opportunity to upgrade itself as an Institution par excellence. Meticulous planning, sincere efforts to translate the plans into action and effective review of the strategic plans are the main reasons for the success of the Institution. As a top-ranking institution in NIRF, ARIIA, Sathyabama acknowledges its obligation to the nation and society as a whole to grow further and turn itself into an Institute of the highest quality.

The advancements in science and technology pose greater challenges as well as opportunities in upgrading the quality of knowledge sharing in HEIs. The National Education (NEP) Policy 2020 is a guideline that focuses on building sustainable future for students. NEP has widened its spectrum of focus to research, career, innovation, sustainability, etc. Sathyabama Institute of Science and Technology is a forerunner in adapting and deploying innovative measures to increase the quality of Education. Sathyabama focuses on a holistic perspective to establish a vital cord of accountability within the society.

Sathyabama Institute of Science and Technology Strategic Plan 2021-2025 was developed after a thorough discussion with all the Institution's stakeholders. The goal of the articulation of this 2021-2025 Strategic Plan would be to raise the standards of academic learning, research and development, entrepreneurial outcomes and evolve as an Institute of International standing.

This 2021-2025 Strategic Plan document will be the key document that will guide the Institution to move forward for the next five years. Major activities of financial planning, human resource planning, academic planning and audit will be based on the strategic plan. As Sathyabama Institute of Science and Technology is repositioning itself towards a new focus, I am optimistic that these strategies will soon be translated into initiatives for improved action.

Dr. T.Sasipraba Vice Chancellor

I. Our Vision and Mission



The Institution pursued its vision and mission with single minded devotion. We envision to be an efficient and competent source of technical manpower for the current and future industrial requirements. To this end our mission is four fold; Undertaking research and development activities in emerging thrust areas, Introducing new man power innovative courses based on the industry and the societal demands, Collaborating with National International institutes, R&D organisations and industries, and To serve the community at large.

We have stayed relevant in multidisciplinary education and seen as a significant source of manpower for industrial needs. Our students have established a niche in the industry. Mentoring has been crucial to our entire teaching process, and our faculties have owned the vision and mission to mentor the students to give a holistic perspective and to establish a vital cord of accountability within the society.

As an institution, our vision for the future is to be recognised as a valued knowledge partner and a technology mentor both nationally and internationally. We will consistently make a difference in the lives of young learners, raising them as effective citizens who will influence the sphere of society where they serve. True to the expectation of our stakeholders, we have effected major changes in the curriculum for the next five years with reference to industry 4.0 and Society 5.0. To effect this change, new research facilities will be added, major funding initiatives will be sought, technical manpower will be imbibed with professional and higher skill based training. On the whole we will embark into a research oriented campus for a transformational change in the society. To this end Sathyabama will be the choice destination for learners and employers across the globe.

II. LOOK BACK AT THE PREVIOUS FIVE YEAR PLAN 2016-2020

The 2016-2020 Five Year Plan of the Institution focused on the achievement of the following goals and objectives:

Accreditation and International Rankings- To be prepared for NAAC Accreditation and other International Rankings and Ratings.





Space Technology Initiative- To Launch a Nano Satellite which will be developed by Faculty and students in association with ISRO to monitor the Green House Gases in the Atmosphere.

Centres of Excellence - To develop Centres of Excellence in Animal Research, Energy Research and Earth Science .





Promotion of more number of incubatees - To develop the Innovation Ecosystem and to facilitate the incubatees for start ups.

Intellectual Property Facilitation Cell- To establish an IPR facilitation Cell to support and promote innovation and to protect Intellectual Properties.





Bio Safety Labs- To promote research in biotechnology through establishment of bio-labs.



Advanced facility for Next Generation technologies. The Institution will establish a laboratory with Advanced
Technologies including Artificial Intelligence, Virtual
Reality, Augmented Reality, Blockchain Technology and
Data Science.

Skill Development Centre - The Institution will establish a skill Development Centre to offer skill based programmes to the students on varied areas.





Research Advisory Board- To constitute a Research Advisory Board to get the experts advise for research initiatives.

Dr. Remibai Jeppiaar Auditorium- To construct a multi-purpose, fully airconditioned additional Auditorium with more than 1000 seating capacity.





Masters in Dental Surgery – Having established an eminent Dental College with 100 bedded hospital, The Instituiton envisages to launch Masters Programme in Dental Surgery.

School of Law – The Institution aimed to establish School of Law which will offer 3 years and 5 Years Integrated programmes in Law.



School of Pharmacy – The Institution proposed to offer Diploma and Bachelor programmes in Pharmacy.



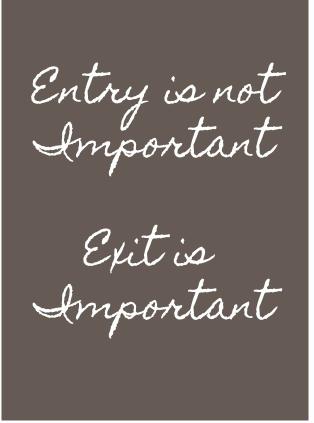


School of Nursing – The Institution proposed to establish a School for Nursing and to offer Bachelor Programme in Nursing.

Jeppiaar IAS Academy- To provide free coaching to students to prepare them for Civil service examinations.









III. Achievements/Outcomes of 2016-2020 Five **year Plan**

The 2016-2020 Five year Plan was successfully translated into action and the outcomes took the Institution through a development path that made the Institution to excel in many areas and grow as a Premier Institution.

The Institution got itself accredited with A Grade by NAAC in 2017 following a very rigorous accreditation process. Sathyabama is Ranked in the 39th position among the Universities in India by NIRF - national Institutional ranking, Govt. of India. We are ranked among the Top 50 Institutions for five consecutive years. The Institution was conferred with 12B status by the University Grants Commission in the Year 2020.

Sathyabama is ranked by World Ranking organizations like Times Higher Education world Rankings and QS Rankings. The Institution is awarded with four star ratings by QS and Diamond Ratings by QS I-Gauge. The Institution has Secured 301-350 position in the QS Asia University Rankings 2021, thereby moved 100 positions ahead than the previous year ranking. Sathyabama is Positioned in 51-55 ranks among the Indian Institutions by QS-India Ranking 2020. It has also been featured in Emerging Economies Ranking 2020, Young University Rankings 2020 and Subject Rankings 2020.

The Institution was also awarded with E lead (E - Learning Excellence for Academic Digitisation) Certification for exhibiting excellence in adopting ICT enabled Teaching and learning through online platforms. The Institution was also ranked in the Top 5 Positions in ATAL Ranking of Institutions on Innovation Achievements (ARIIA 2020).





















- Sathyabama has successfully launched SATHYABAMASAT, a Nano satellite developed by the faculty and students collaborating with ISRO, in 2016.
- The Institution has established Centres of Excellence in Animal Research, MHRD sponsored Centre of excellence for Energy Research under the FAST Scheme.
- The Institution has established Earth Science Technology Cell sponsored by MoES in association with NIOT and CMLRE for Marine Biotechnological Studies.
- Intellectual Property Cell has been established to support the innovators in patenting process. 168 patents filed and 44 patents granted

- Bio Safety Labs with Clean Room ISO 7
 Specifications was established to
 promote high end research on herbal
 based drug for Tuberculosis, HIV and
 Dengue.
- The Technology Business Incubator has promoted good Ecosystem to facilitate Internal and external Incubatees.









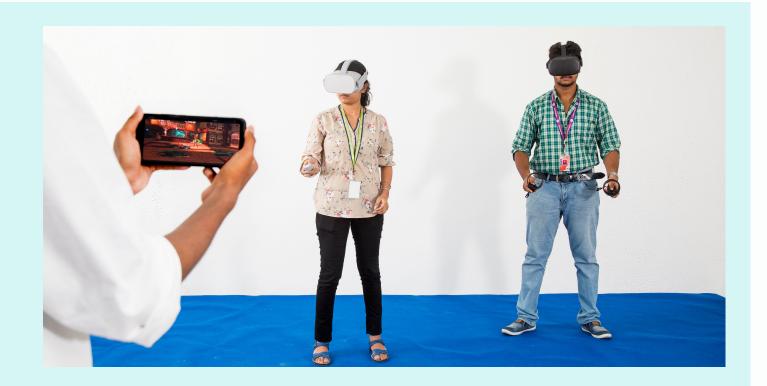


- School of Law, Pharmacy and Nursing and 16 new Courses were started.
- MDS Courses with 3 specializations were Introduced
- More than 6000 Publications were made by the faculty members and research scientists and the H Index of the Institution rose to 62.
- 45 Crores worth fund generated through Research and Development projects.
- 120 MoUs were signed with companies and Universities at national and international level in order to facilitate.









- The Institution has established a NEXTGEN Lab with advanced technologies including Artificial Intelligence, Augmented Reality, Virtual reality, Block Chain technology and Data Science.
- Sathyabama has established a skill development centre in association with NSTI, MSDE.



IV. STRATEGIC PLAN FOR 2021-2025



Successfully marching with the pride of the laurels and accolades acquired in the previous decades, Sathyabama is rededicating itself to the sustained growth curve for the next 5 years 2021-25.

The Strategic Plan 2021-25 is the key document that forms the base of our planning, delivery and accountability.

We aspire to:

- Be an Institution of global standing that serves India.
- Attract students of high academic potential, across the globe and provide them an outstanding learning experience.
- Engage in high quality research on the thrust areas to contribute to the society.
- Develop strong partnerships with Universities, Industrial and research organisations at national and international level.
- Implement Complete e-Governance to transform into a digital campus.
- Adhere to our core values and grow as a sustainable Institution.

The plan describes the key actions designed to deliver against these aspirations.



1. CONTEMPORARY EDUCATION

Post COVID, the educational sector will be seeing lot of reforms and Sathyabama aims to be in the leader board of such reforms. The Institution has pitched in with online degree programmes in Commerce, Business Administration, Mathematics and English Literature from the year 2020.

The Institution will offer skill based Vocational Programmes in association with UGC- NSQF. Sathyabama has been practicing blended learning and is now completely equipped to implement New Education policy (NEP 2020).

However, the Institution has understood the importance of adopting to other pedagogical initiatives such as virtual labs for laboratory, simulation and refining the pedagogy for courses where higher order analytical thinking skills are required.

1.1 Open and Distance learning degree programmes

The Institution would offer more open and Distance learning degree programmes across various disciplines.





The Institution is geared up to move towards a digitized learning environment.

The Institution is determined to provide high quality educational experiences through the following:

1.2 Digital Infrastructure

To promote Blended learning the Institution will focus on strengthening the digital infrastructure. Blended Classrooms will be designed to meet the personal learning needs of every student, allowing the faculty members to formulate personalized educational strategies and instructions.

1.3 Flexible curriculum

The Institution will follow a more flexible approach in designing the curriculum. Curriculum will be designed in such a way that it is a right mix of core subjects and other interdisciplinary courses. Students will be given more choice of subjects from which they will choose the subjects which are of interest to them.

1.4 Redesigning the Curriculum

The University will offer creative, skill oriented, Industry linked, and value based curriculum in order to prepare the students for the ever changing world with full of challenges and equip them with lifelong learning. While designing the curriculum, focus will be given for design thinking, lateral thinking, systems thinking and critical thinking. The new courses to be introduced will develop approach will holistic and emphasize on Universal Human Values. The designed curriculum will facilitate the effective implementation of the New Education Policy.

1.5 Skill development courses

The Institution will offer more skill based courses and vocational-job based courses, as per National Skill Quality Framework (NSQF) to provide various skill sets to students that will make them ready for the 21st Century Jobs.

1.6 Sandwich courses

Sandwich courses will be offered by the Institution which includes a sandwich placement (industrial placement)/Research Internship for a fixed period of time working in a related industry or studying abroad.

1.7 New Programmes in Allied Health Sciences/ Agricultural Sciences and Paramedical Sciences

It is proposed to introduce more new programmes in the area of Allied Sciences, Agricultural Sciences and Paramedical Sciences.



1.8 Establishment of Sathyabama Medical College, Hospital & Research Centre

The Institution will prepare itself to offer Undergraduate Programme in Medicine. The Institution will prepare itself to offer Undergraduate Programme in Medicine (MBBS) and established a full fledged Medical research Centre and Hospital with tertiary care.

1.9 Introduction of Programmes in Indian System of Medicine.

It is planned to offer Under graduate programmes in Indian system of medicine such as Homeophathy, Ayurvedha, and Siddha.



1.10 Internationalization of Education

The Institution will build an international profile or global standing to achieve international standards of excellence through collaborative scholarship, international education exchange, and internationalization strategies. The institution will focus on student and staff mobility programmes, international research collaborations and international study programmes. The Institution will also deliver online academic programs across border to cater to the educational needs of the international students. Partnership with Universities has also resulted in fruitful initiatives for students like Joint Academic Programmes , Internship opportunities, Skill Development Courses , Lecture series and Expert Talks by International Professors. The Institution will expand the partnerships and will strengthen the existing partnerships in order to facilitate collaborative activities.









1.11 Accreditation (National & International)

The Institution foresees itself with the highest A++ grade in NAAC Accreditation. The Institution is planning to get the Engineering and Management programmes accredited by National Board of Accreditation. The Institution will also prepare itself for getting all its Engineering programmes Accredited with ABET, International Accreditation.

ACADEMIC PRACTICES

ACADEMIC FRACTICES							
FLEXIBLE CURRICULUM	TRANSFORMATION OF EDUCATION		INTERACTIVE LEARNING TOOLS	STUDENT CENTRIC ASSESSMENT			
Flexible interdisciplinary Course Selection	Blended Learning	Digital Infrastructure	Experiential Learning	Flexible System			
Design & Critical Thinking	Online Certificate courses	Green & Smart Campus	Innovative Teaching Pedagogy	Online Test with Flexible window of time			
Academic Credit Transfer	Skill Development Courses	Innovative programmes	Game Based Learning	Open Book test			
Degree with Honors/Majors	Open & Distance Learning Programmes	Paperless University	Inquiry based Learning	Case Studies/ Group Discussions			
Multidisciplinary Courses	Agricultural/ Allied Health and Paramedical Sciences	Programmes in Indian System of Medicine	Collaborative & Peer Learning	Learning Analytics			
Flexible interdisciplinary Course Selection	Blended Learning	Sandwich Courses	Project Based Learning	Outcome based Assessment			
	Online Degree Programmes	Sustainable Product Development	Collaborative research				

2. HIGH IMPACT AND SOCIALLY RESPONSIBLE RESEARCH

Sathyabama Institute of Science and Technology is one of the Academic Institutions that gives more emphasis to research as it is aware of the significance of research for sustainable growth and development. To address the global challenges with respect to social, economic and environmental issues, the Institution would be involved in breakthrough research and innovation in the thrust areas of Science and Technology.

Academic research is considered to be very important to offer solutions to the problems encountered by the Industries. Having understood the need for sharing knowledge between Industries and Universities, Sathyabama would collaboratively work with industries.

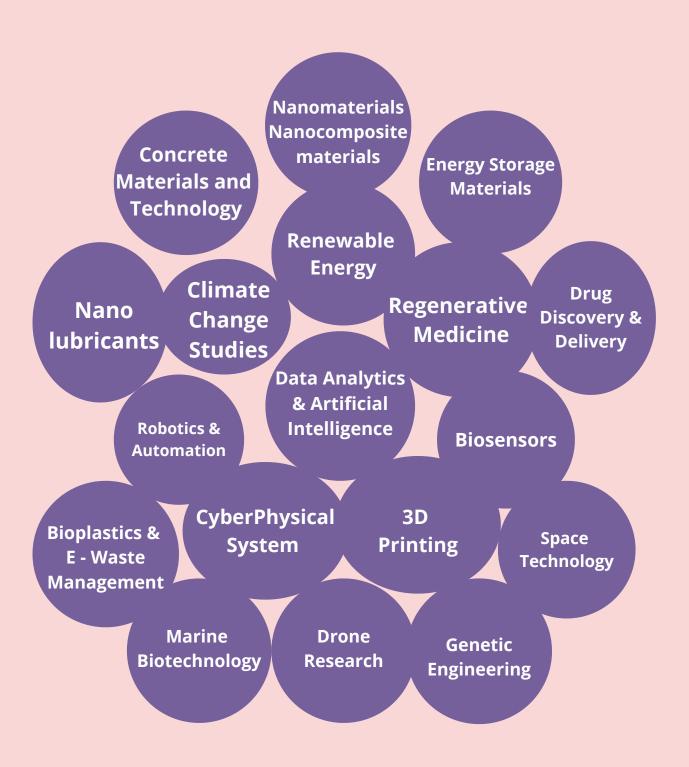
Research at Sathyabama would focus on the Sustainable Development Goals of Agenda 2030, which requires the participation of individuals, institutions, countries and Governments in creating a better world free from poverty, hunger, health issues, inequalities, and providing access to quality education, access to clean water and sanitation, access to affordable and clean energy.

The Institution will encourage faculty and students to undertake socially viable projects in their academic pursuits. The University will also focus on the further development of research infrastructure to attract and host foreign researchers and students.



2.1 Research Areas

The Institution is involved in research to address the industrial needs and the societal needs. Research on the following areas are in progress, which are mostly funded by Government Agencies and Research organisations.



2.2 Future Research Action Plan

2.2.1 Products on the way to commercialization

The outcomes of our research efforts has lead to successful products and necessary measures are duly taken to commercialize them. Following are some of the products that are ready to see the market in the next 2 years.

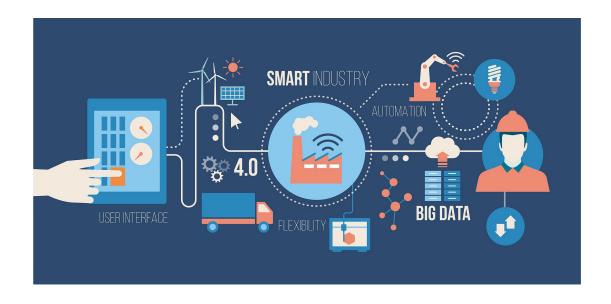
- 1. Novel nano materials and perovskites
- 2. HI-CF serum for controlling dandruff and hairfall
- 3. Nano dsRNA formulation
- 4. Industrial grade bioglycerine for heat transfer
- 5. Activated Carbon from Food Waste for biodiesel wastewater treatment
- 6. Bioglycerol to bioliquid soaps
- 7. Biodiesel from waste cooking oil
- 8. Four Nano formulations comprises of antibiotics for drug resistant pathogens are under preclinical investigation will be subjected to product transition with industrial collaboration.
- 9. Three herbal sanitizer under investigation will be subjected to product transition with industrial collaboration.
- 10. UV Sanitisation Box
- 11. Agriculture Drone
- 12. Nano enriched Aquafeed
- 13. Marine Ornamental Shrimp feed
- 14. Ozoniser for Disinfection & removal of Pesticides in Vegetables, fruits, Meat & Fish.
- 15. Pervasive & non pervasive Paver Blocks
- 16. Corossion resistant Paint

2.2.2 Collaborative Research

Sathyabama will focus on collaborative/joint research in association with National and International Partners which will result in increased citations, New Technology Development, Technology Transfer, Joint Patents etc. The Institution has Partnership with around 200 International Universities and more than 75 Industries. Partnerships with International Universities form the basis for various collaborative activities like Student and Staff Exchange, Joint Conferences/Seminars, Joint Research between our Institution and International Institutions. Partnership with Institutions/ Organisations will result in fruitful outcomes like Joint Research, Joint Publications, Bilateral Projects, Research Fellowships and Post Doctoral Opportunities.

2.2.3 Centres of Excellence

Measures are currently underway to contextually reassert ourselves to the new technological demands. Accordingly new and major facilities pertaining to additive manufacturing, cyber physical systems, IOT, biomedical engineering, nanotechnology, and communication systems will be our specific goals. We would have a hand holding with industries such as Siemens Wipro-GE, Electro Optical Systems (EOS) to realize such initiatives. To this end, we will also involve in generating fund in collaboration with major Universities and organizations across the globe. The Institution proposes to establish Centres of Excellence with cutting edge technologies on Cyber Physical Systems, Blockchain, Robotic process automation, Artificial Intelligence, Augmented and Virtual Reality. The University will also focus on the further development of research infrastructure to attract and host foreign researchers and students.



3. FOCUS ON TECHNOLOGIES TRANSFORMING INDUSTRIAL PRODUCTION

Aiming to be recognized as a Industry 4.0 campus, some of the verticals, we wish to pursue are:

3.1 Additive manufacturing (AM) and industry 4.0

Additive Manufacturing/Industry 4.0 is the recent move into intelligent Technology automation. In this new era the use of modern skills of additive manufacturing within the context of information Technology integration plays an important industrial role in economic competitiveness. As can be seen there is no doubt that 3D Printing technologies are leading to the next major industrial revolution. Due to its versatility the additive manufacturing plays a key role in the industry 4.0, saving time and cost. efficiency and reduced Process complexity, allows for rapid prototyping and highly decentralized production processes. Currently more and more industrial segments are adopting additive manufacturing. The smart factories of the future have all processes interconnected by the internet of things, incorporating greater flexibility and individualization of manufacturing processes. Our Institution will focus on Research on Additive ears. m



Additive manufacturing

3.2 Cyber Physical Systems

Cyber physical system is interconnection of cyber (virtual) and physical (real) systems. It uses three basic technologies - embedded systems, sensor and actuation and network and communication system (IOT). Cyber physical system integrates the dynamics of the physical processes with those of the software and networking, providing abstractions and modelling, design and analysis techniques. We will pay more attention to research on Cyber physical systems.

3.3 Robot Assisted Production

Present industry relies on the smart devices that are able to interact with the surrounding environment. This means smart devices equipped with cameras, sensors and actuators that are able to identify the product and then deliver the necessary changes for it. Consequently, 'Robot Coordinators' will become an active component of production. Hence, our Institution is planning to venture in to research on this area.

4. INDUSTRY-INSTITUTE COLLABORATION

Sathyabama will focus on strengthening Industry Institute Collaboration. The Institution will offer more Joint Academic Programmes in association with Industries with the objective of developing the skills of the students and make them Industry ready. Programmes with leading companies in core areas would provide opportunity for students to be trained and mentored by industrial experts and increase the prospects of their job placements in good companies. The Institution will take measures to make best out of Industry-Institution cooperation and the network created as a result of Industry-Institution cooperation should be exploited for the creation of knowledge and innovation.

Industry led academic programmes having adequate weightage of recent advances such as Additive manufacturing, Industry 4.0, Smart Manufacturing, Cloud Computing and Manufacturing, Artificial Intelligence, Cyber physical systems with the interdepartmental connect will be introduced to make the students adapt to the industrial manpower demands.

With this vision in hand, the Institute has already set up a Next Generation Laboratory, employing virtual reality, augmented reality, automation to plan and simulate new products. The Institution will share its expertise with Industries Providing solutions for their real time Industrial problems. The Institution will also set up Laboratories, centres of excellence in association with Industries to provide training and practical exposure to students.

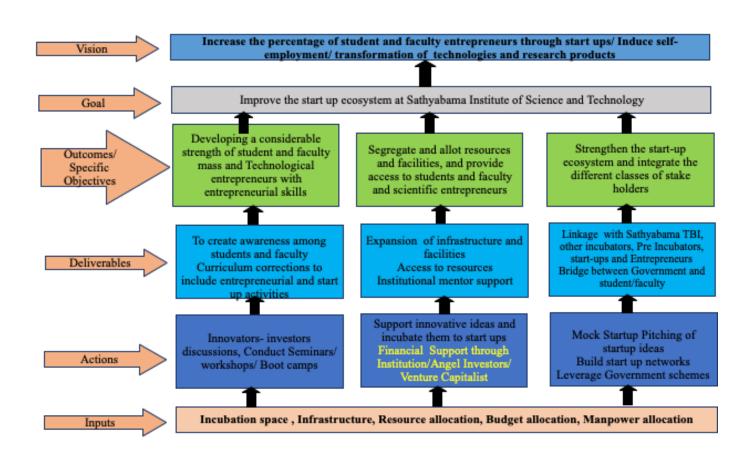




5. INNOVATION ECO SYSTEM

Aligned with the recent initiatives of Ministry of Education's Innovation Cell, the Institution seeks to ensure a considerable increase in the Self Employment rate of students in the next five years. As the nation progresses towards its capacity building through Start-ups, the Institution will also contribute through its Start up activities inside the campus. Sathyabama will promote an innovation eco system that would be instrumental in supporting incubatees and their transformation into successful entrepreneurs. It would facilitate establishment of several start-ups and contribute to the development of new innovation, products and Technology and their commercialization. The Institution would be supporting the conversion of ideas into tangible and marketable products and groom newer indigenous technologies validated and implemented by National and International research partners, both from academia and industry. Hence our thrust will be on innovation to provide the right ecosystem from the first year onwards, so that innovation will not be compartmentalized but becomes a part of the learning practice and perspective. The Institution has a well defined Sathyabama Innovation and Start up policy in line with National Innovation and Start up policy to provide guidelines for promotion of startups.

Objective Tree for Start up Eco System





6.SUSTAINABLE DEVELOPMENT

The term Sustainable Development is gaining increased attention in recent years. Since the evolution of the Millennium Development Goals the Sustainable Development Sustainable growth has become a major concern for administrators and leaders. Sathyabama will play a major role in addressing the challenges pertaining to sustainable development and will adopt the acknowledge and concept sustainability in its academic, research and developmental pursuits.

The Institution will strictly adhere to eco-friendly and sustainable development practices and advocate environmental protection initiatives like use of alternative and renewable energy, recycling of waste, reduction of plastic usage, reduction in carbon emissions, reduction of food wastage and adoption of organic farming. The Institution will work towards creating awareness on sustainable development through training. Our institution will play a major role in building a sustainable community and the staff and students will actively participate in all our environmental protection initiatives. Though there is a viable presence of academic partnerships with International Universities, the areas of partnerships needs to be expanded and strengthened to harvest the maximum potential of the partnership. More students and faculty are likely to get involved in activities related to trainings, joint funded projects, research and innovation and also in the global Start-ups.

6.1 Climate Action

We believe Higher Education Institutions must be a role model in minimizing global warming emissions, and by educating the graduates to achieve climate neutrality through a comprehensive Climate Action Plan. Sathyabama will be an Institution that addresses the climate challenge by reducing global warming emissions and by achieving Carbon Credit through Carbon sequestation.

Sathyabama would be a responsible Institution keeping a check on its source of emissions associated with the building and energy systems, electricity consumption, and commuting and Our Climate Action Plan will be based on an inventory of our greenhouse gas emissions. Sathyabama aims at constructing additional green buildings.

The Institution also focus on Alternative energy sources to meet the energy requirements.

6.2 Partnership for Goals

Sathyabama is well connected with Institutions and organizations at national and international level. The Collaborations keeps the research and development efforts of our Institution on par with the research and development happening throughout the world. We will work in coordination with many Government organisations, Government Agencies, local administrative bodies and Non-Governmental organisations to enhance, support and achieve the sustainable development goals. The Faculty members and the Research Scientists of Sathyabama are actively participating in Government Initiatives like Unnat Bharath Abhiyan, Skill India initiative, Make in India initiative and Digital India initiative. The faculty will participate more in government's initiatives in the future.

7. Infrastructure Development

The Institution will be involved in the development of additional research infrastructure and is planning to establish the following:

- Technology Park
- Sustainable laboratories and classrooms with clean energy
- Establishment of Ocean Engineering Lab
- Establishment of Ocean Herbarium & Museum
- Establishment of Field station at Col. Dr. Jeppiaar Fishing Harbor with research facilities
- Establishment Air Quality lab
- Prototyping Laboratory- 3D Printing Set up
- Auditorium with 5000 Capacity
- Drone Laboratory
- Establishment of Solar Panels Pan Sathyabama
- Bio Gas Plant
- Upgradation of Incinerators in the campus





V. KEY ACTIONS



- Implementation of New Education Policy 2020.
- Open and Distance Learning degree Programmes in varied disciplines.
- To identify and develop more industry led advanced Value added Courses/Programmes.
- Evaluate and enhance quality content of each online course.
- Generate More e- Resources.
- Placement, self-employment and higher educational strategies for the students.
- Creating diverse e-learning tools.
- Digital Infrastructure and e-Governance.
- Introduce curriculum changes to include entrepreneur related courses and introduce co- curricular activities aligned with the Start-up requirements.
- Enhance Facility Management and support services.
- Provide new grants/ mentorship.
- Provide a sustainable linkage between the Start-ups and investors.
- Augmenting the Research Infrastructure & Outcomes.
- Reform and revise the curriculum of the existing programmes to adopt to the digital transformation
- Introduce new academic programmes with advanced courses specific to the fourth Industrial revolution
- More exchange programmes towards training, research, knowledge sharing and entrepreneurship.
- Alumni Engagement
- Set up Centres of Excellence in association with leading Industries for hand holding activities.





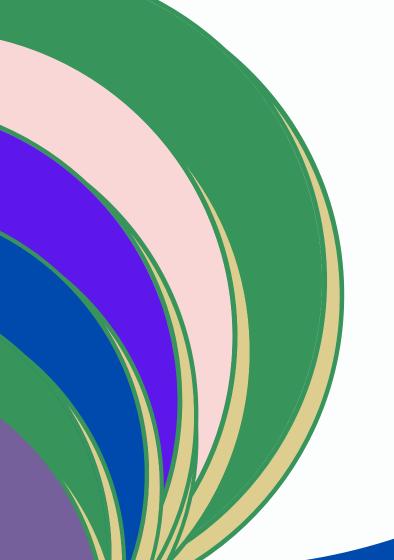












Vision 2025