



SUMATHI REDDY

INSTITUTE OF TECHNOLOGY FOR WOMEN

L e a r n i n g a t i t s b e s t

Affiliated to JNTUH - Approved by AICTE

PERSPECTIVE PLAN

2018-2019

TO

2022-2023



Rajini

PRINCIPAL

Sumathi Reddy Institute of Technology for Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (T.S.)



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ABOUT US

Sumathi Reddy Institute of Technology for Women (SRITW) was established in the year 2009 by the great educationalist Sri A. Varada Reddy Garu with a clear vision to Empower women in the field of Science & Technology and transforms them as Innovators, Leaders and Entrepreneurs. Sumathi Reddy Institute of Technology for Women, a comprehensive and student centric college offering undergraduate programs with state-of-the-art infrastructure, sophisticated labs, amphitheater, conference room, standard sports facilities, smart classrooms, campus connected hostel, green campus, Abutting to National high way. SRITW is committed to excellence in teaching, research and service.

SRITW is the one & only Women's Engineering College in India which established NewGen Innovation Entrepreneurship Development Centre (NewGenIEDC), Sanctioned by NSTEDB, DST, Govt of India

SRITW is the first women engineering college in the region hosting a Technology Business Incubator (TBI) which is sponsored by MSME, Govt. of India under ASPIRE Scheme.

All the B. Tech programs are accredited by NBA, approved by AICTE and affiliated to JNTU Hyderabad

SRITW is the Recipient of Dewang Mehta 'Education Leadership Award'

Collaborations of SRITW

- Amazon Web Service (AWS)
- CISCO Network Academy
- TASK (Telangana Academy for Skill & Knowledge)
- NETRA (National ESDM Technology Research Academy)
- AI Deep Learning-Leading India.AI
- NPTEL Swayam Local Chapter in association with IIT madras
- WE HUB
- IEEE (Institute of Electrical and Electronics Engineers)



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SRITW is committed to teaching excellence and providing high quality education to students, which brought laurels to the Institute.

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VISION AND MISSION

Vision

- ❖ To empower women in the field of Science & Technology and transform them as Innovators, Leaders and Entrepreneurs.

Mission

- ❖ To create and nurture a unique learning environment for faculty and students by providing state of the art infrastructure.
- ❖ Foster a culture of innovation and entrepreneurial spirit among students and faculty.
- ❖ To promote industry interaction, avenue of research and employment opportunities.

Goals

Keeping in view the mission of Sumathi Reddy Institute of Technology for Women (SRITW), Warangal the present scenario of higher education at national and international level, and advancing frontiers of science and technology, the founders have envisaged the following set of generalized and specific goals for the college.

- To provide ideal academic atmosphere for the pursuit of excellence in higher education in science and technology.
- To make higher education relevant to the knowledge era.
- To impart in-depth knowledge and expertise through innovative methods of teaching and learning so as to create a pool of resourceful self-motivated manpower.
- To impart broad based knowledge to face the current competitive world.
- To provide a forum to promote the broader interaction among scientific, social and cultural community by organizing exhibitions, conferences, workshops, seminars and other relevant deliberations.



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- To organize extension activities for community development focusing on civic responsibilities, social awareness and value-based education.
- To promote high quality research stressing the regional needs and social relevance.
- To nurture research activities for academic nourishment, updating and fostering of scholastic temperament.
- To take up research projects in the thrust areas of national interest and help the nation in academic development.

Teaching Methodology

- Latest technologies are implemented for delivering lectures. LCDs, Blackboards are utilized when required.
- Students are inspired to present topics pertaining to upcoming technologies and syllabus as a part of co-curricular programs.
- Students are motivated by faculty members to take up projects on relevant topics in specific areas.

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SWOC ANALYSIS

A. Institutional Strength

- Committed, Qualified & Experienced Faculty
- NBA Accredited
- Committed Management
- Conducting tutorials and imparting additional topics beyond syllabus to sharpen study and test-taking skills apart from activities by T&P for communication, employability, and interview skills.
- Excellent students' admission record
- Good percentage of number of graduated students
- Outcome Based Education
- The college has a splendid infrastructure with outstanding facilities to fulfill the needs of the students in all aspects.
- Research & Publications
- The college has established the NewGenIEDC (Innovation and Entrepreneurship Development Center), sponsored by Dept. of Science and Technology.
- MoUs with leading industries & Industry-Institution interaction for betterment of academics and employability of students.
- Pollution free eco-friendly campus.
- Good percentage of retention of faculty due to Staff support services and incentives.
- Disciplined and positive campus
- Student Personal Counseling
- Conducting Social service activities, Cultural programs and Sports competitions
- Women Empowerment
- Round-the-clock security



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B. Institutional Weakness

- Due to the non-autonomous status, there is limited flexibility in the version of the curriculum and education independence.
- Difficulty in obtaining Institution- Industry Interaction for all students.
- Lack of Industry sponsored/supported laboratories.

C. Institutional Opportunity

- Positive students' feedback regarding the mixed methods approach to teaching and learning process
- Strengthening collaboration with industry in research, consultancy, training & internships.
- Professional growth by continuous placement by reputed industries.
- Quality Education is given to the most needful rural based students.
- Alumni association is formed and it is active in improving the standards of students and the Institution as a whole.
- Orientation programs are organized to develop entrepreneurial skills among students.
- Public relations as a key trust.
- Scope for motivating young faculty members towards interdisciplinary research and academic excellence.

D. Institutional Challenges

- To fulfill the gap between institution and Industrial needs.
- The rapid growth of various Technologies and Development.
- Research & application-oriented development
- Academic Flexibility

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PROCESS OF STRATEGIC PLAN

SRITW's Strategic Plan, 2018-2023 was prepared by its Principal and all Heads of various departments. They have decided to adopt a participatory approach to gather suggestions and ideas from various stakeholders. The interaction process included meeting with all HODs, departmental committees and faculty members and collected feedback from them. Recommendations from all these initiatives are incorporated into the strategic plan.

While preparing the current strategic plan, the following points are considered:

1. NAAC Guidelines for Ensuring Quality Aspects in Higher Education
2. Vision and mission statement of the college
3. Quality Policy of the College
4. Inputs from the stakeholders
5. Societal expectations from the college

It helped us prepare our future priorities and strategic future plan.

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STRATEGIC PLAN AND DEPLOYMENT

While preparing the current perspective plan, the following points have been considered:

1. NAAC-the observer of quality bench marking in higher education
2. The vision of our parent body- Sumathi Reddy Institute of Technology for Women
3. Vision and Mission Statement of the College
4. Quality Policy of the College

This helps us to formulate our future goals.

Core Values of NAAC:

1. To contribute to national development
2. To develop global competencies in students
3. To develop a value system in students
4. Encouraging the use of technology
5. Quest for Excellence

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GOALS AND OBJECTIVES OF PERSPECTIVE PLAN

Writing a vision document assumes a collective effort. Considering the background of our college as an institution providing quality education in the field of Science & Technology, the objectives of the vision plan are as follows:

Short Term Goals

- To keep faculty members abreast with the latest trends and developments in Research, Technology and Teaching methodologies.
- To motivate the faculty to remain exposed to the Industrial processes & activities.
- Majority of the students should graduate with Distinction/Honors in all branches.
- To continue the special classes for non-English medium students to improve their Communication Skills.
- All information concerning students/ staff to be made available online.
- To make the Campus green and chemical free.
- To go for the energy auditing of the whole campus.
- We shall strive to produce more national level players in upcoming years.
- Conducting faculty and student development programs for cutting edge trends and technologies.

Long Term Goals

- To build & promote teams of experts in the upcoming trends and technologies in education sector.
- To promote quality research and undertake research projects keeping in view their relevance to needs and requirements of technology in local industry.
- To institute a sustained quality system embedded with a conscious, consistent and programmed action;
- To create an enabling academic environment for students embedded with sincerity,



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discipline and commitment;

- To mold humane citizens of the nation;
- To establish globally the brand image of the college;
- To emerge as a model college for commerce education.

The goals identified have been to bring three 'Hs' together in an integrated manner viz. Hand (to develop skills), Head (to gain advanced knowledge) and Heart (to inculcate human values)

To achieve these goals, a set of following objectives are identified to be achieved through this perspective plan.

1. To uphold continuously good academic performance with 100% results;
2. To inculcate learner centric and effective teaching learning process;
3. To ensure transparency and credibility in the process of students' evaluation;
4. To develop a comprehensive system of student mentoring and student support;
5. To take care of horizontal and vertical up gradation of students considering the limits of time and expectations;
6. To create a research culture in faculty and students.
7. To launch value added and skills development programmes improving the employability of students;
8. To motivate students for self-employment and to enable them to emerge as entrepreneurs;
9. To involve a friendly, efficient and flawless administrative set up ensuring a smooth day to day functioning;
10. To empower faculty about emerging trend in their profession for academic advancement.

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PLAN OF ACTION

The plan of action to achieve the goals and objectives listed in the perspective plan for the academic years 2018-19 to 2022-23 are as follows

1. Motivate the students and faculty towards research activities.
2. Attendance norms shall be enforced strictly for better academic results.
3. Practice test can be conducted before the University exams so as to assess the students and help them to improve and perform better in the University exams.
4. Guest lecturers should be organized by inviting experienced faculty from other colleges who can guide students for exam preparation.
5. Work on devising strategies to help slow learners in improving their academics.
6. Organize Faculty Development Programmes and also to send faculty to other colleges for attending the same if needed.
7. The result of internal evaluation shall be displayed on notice board for more transparency in the evaluation system.
8. SRITW shall plan to start an NCC to improve social connectivity and help students to evolve into socially conscious and responsible citizens.
9. Improve the ICT enabled teaching methods.
10. SRITW shall plan to organize inter-collegiate competitions to facilitate exposure to the students through inter-college participations.
11. Automate the college library.
12. SRITW shall plan for bridge courses to help students switching from other streams to strengthen their basic concepts.
13. More value-added certificate courses shall be planned and introduced.
14. Improve the sports facilities at SRITW campus.
15. Introduce more scholarships for students.
16. Students shall be motivated to pursue higher education.



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17. Improve the campus infrastructure to make it a more environmentfriendly and a greener campus.
18. Ensure optimum utilization of the campus infrastructure and resourcesfor the benefit of all the stakeholders.
19. Ensure participative management by involving all the stakeholders in anydecision-making.
 1. The student council shall be more active and participative in decision-making.
 2. Increase the number of E- content in the library.
 3. Introduce soft skill development program for non-teaching staff.
 4. To conduct Academic &Administrative audit, Energy Audit. Gender audit and environment audit and ISO certification.
 5. The college should conduct more inter collegiate competitions for the students.

The Principal and all HODs shall continuously strive to achieve the goals and objectives of the perspective plan keeping the vision and mission statement of SRITW in view.

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