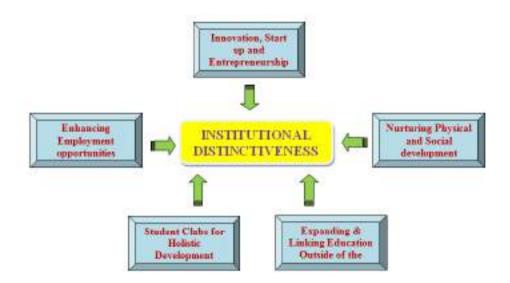## INSTITUTIONAL DISTINCTIVENESS

Distinctive feature:

Great Emphasis on student-focused approach aimed at fostering the holistic development of students

Sreenidhi Institute of Science and Technology, Hyderabad, which is supported by the Sree Educational Group, was founded in 1997 under the direction of its chairman, Dr. K.T. Mahhe is a vibrant entrepreneur, pragmatist, and exceptional educationist with extensive experience in both academia and industry. Mr.K.Abhijith Rao, CEO of the Institute is a visionary leader with an exceptional education from world class institutes and embodies youth and dynamism. The institute's vision and mission statement encapsulates the unique qualities of the organization.

In line with the Institute's vision and mission statements, SNIST places a strong emphasis on students' holistic or overall development and offers them all the tools and resources necessary to support it. SNIST also encourages students to strive for personal greatness and encourages them to engage in scholastic, spiritual, cultural, social, and physical activities to help them grow in all areas of their lives. This comprises the distinctiveness of SNIST, the specifics of which are briefly described here.

1) Innovation, Incubation and Entrepreneurship Development

SNIST plays a crucial role in stimulating young minds by strongly emphasizing on innovation, incubation and establish the foundation for entrepreneurship. Young minds are

inspired to start-ups and become successful entrepreneurs through this practice. SNIST's Entrepreneurship Development Committee and the Institute Innovation Council members are continuously engaged in the generation and distribution of information, just as students are finding ways to launch business ideas to influence society and solve problems in the real world. The Institute Innovation Council (IIC) (Est. 2018) at SNIST has been actively conducting
various activities to promote Innovation and Entrepreneurship among students and faculty. IIC has strengthened the IE Program at the institute wherein activities are organized in a structured manner which covers an early stage innovator to aspiring entrepreneurs.

The IIC team has drafted an Incubation policy with provisions and support mechanisms for students. The students are supported through various seed fund schemes through   college   and incubation center. Every year idea pitching competition are organized where the winning team will receive funding support of 2.5 Lakhs in that we are supporting student community of other colleges as well. For our students we have funding support through internal R&D scheme till 3 Lakhs so that they can convert their ideas to startup.

2) Enhancing Employment opportunities through Communication development, Placement training and Skill Development

To help the students, improve their skills, the institution sets up skill development programs. A few examples of these programs are language proficiency, employability skill development, and personality enrichment. Independent centers are established to improve these skills among students the details of which are given hereunder:

Career Development Center (CDC): This has dedicated Internal and External training agencies who train students to match Industry expectations. To facilitate the recruitment drives, Internships, and Live Projects of the students, the institute purchased the Superset software (MIS) which is an online platform for student's final placements and internships end-to-end placement process. To improve placement outcomes, students receive industry-specific placement training. The placement percentage of the students has significantly increased as a result of these hands-on training sessions.

The following collaborators are associated with the college to provide continuous assessment, skill training, and placement for students:
1) Smart interviews - for improving coding skills
2) COIGN - Company Specific Training
3) MYRA (aptitude, technical, communication skills and analytical skills training)
4) CODE TANTRA -Technical Skilling for C, Java, Python, and Data Structures

Marquee companies like LTI Mindtree, Cognizant, Commvault, Virtusa, SalesForce, Deloitte, EYGDS, ITC, Synopsys, DBS, PWC, ADP, Juspay, Infor, TCS, Qualcomm, Tech Mahindra, Mahindra & Mahindra, Toshiba, Axis Bank, HDFC Bank, Salesforce, SAP etc. visited SNIST for recruitment of students.

AICTE-IDEAS LAB:
AICTE has sanctioned Ideas lab to encourage students for application of Science, Technology, and Engineering and to promote enhanced learning hands on experience, learning by doing and product visualization. Thus the wholesome purpose of the Lab is to

conversion of idea into a prototype. A number of equipment are procured under this project such as Laser cutter, Vinyl cutter, 3D printer and Scanner, CNC router, soldering and de-soldering station, PCB milling machine, signal generator, Oscilloscope etc. for imparting hand-on-training to students and in building projects.

3) Student Clubs for Holistic Development of Students

Student clubs of institution are designed to maximize the advantages that students have while attending the institution in order to further their academic goals. Beyond the structure of the classroom and the curriculum, these student groups provide countless chances for student leadership and involvement. They indeed help in students' transformation and holistic development in a big way. The college has 15 student clubs catering to technical, cultural, social, and recreational, health and welfare needs and interests of the students. These clubs are: 1) Arts Club 2) Bachpan Prayas 3) CISCO Networking club 4) CSAC Club 5) ECA Club 6) Hackerabad 7) IC square 8) IEC 9) IEEE 10) ISTE 11) Robotics Club 12) SAE 13) SARC 14) SCF 15) TEC club

These clubs at SNIST are joined and run by the students from across the programmes, where they drive various techno, management, and cultural activities throughout the year.

4) Expanding & Linking Education Outside of the Classroom

The institution's unique approach is "Learning beyond the classroom," so in addition to traditional classroom instruction, it has been conducting a variety of industry-based programs like internships, guest lectures, seminars, workshops, and industrial visits. The institute has been utilizing the best teaching and learning approaches, such as experiential learning and participatory learning, in accordance with its mission statement. In order to in still professional skills in students and familiarize them with industry practices, industrial collaboration is reinforced. Students are motivated to reach out to the industry for various industrial projects. The college conducts technical courses in collaboration with Industry by having relevant MoUs and thus aims to bridge the gap between industry and the institute. The industry collaboration happens in two ways as given hereunder.

❖ **Industry Experts as Members of Governing Body, Academic council and BOS members:** The College has on board number industry personnel to advice and guide the industry-academia tie-up process.As per the inputs received from the industry experts,a industry relevant courses are also introduced in the curriculum during the revision process which is done once in 2 years.

❖ **MoUs with Industry and Training partners:**
To bridge the technological divide between industry and institute requirements, the institute has 25 operational Memorandums of Understanding with various companies. The institute proactively finds the gaps in the curriculum and provides opportunities for content to be taught outside of the syllabus to bridge such gaps. In the last year, several activities have been carried out under the MOU, including value-added courses, internships, industry visits, workshops, projects, FDPs, seminars, technical talks, guest lectures, research, and certificate courses. For internships. Training and projects, SNIST has Memorandums of Understanding (MOUs), such as CODE Tantra, Veda IIT, Design Labs, Quanit, Institution of Engineers etc., among others.

5) Nurturing Physical and Social development in Students

❖ Promotion of Physical development:

SNIST encourages students to engage in physical activity to develop a variety of critical abilities, including mental toughness, teamwork, confidence, physical fitness, and decision-making. The institute has active NCC wing and also the institute hosts yearly sporting competitions for the students that include chess, carom, volleyball, cricket, Basket ball, Foot ball, kabaddi, and other sports. Both boys and girls participate in the NCC and sports and demonstrate their capabilities as a result, their sense of sportsmanship and capacity for teamwork develop. Every year, the institute observes all the important national days like International Yoga Day, independence day, republic day etc.

National Cadet Corps (NCC):

The college has an energetic NCC wing and one of the primary objectives is to create a pool of trained, organized and motivated youth with various leadership qualities in every walk of their life and serve the Nation irrespective of career they choose. In 2022-23, 62 students are enrolled in NCC. The various activities conducted by NCC are:

- World Anti-Tobacco Day on 31.05.2022
- World Ocean Day on 08.06.2022
- Har Ghar Tiranga on 14.08.2022
- Independence Day on 15.08.2022
- NCC Day Celebrations on 15.11.2022 to 26.11.2022
- Basic Life certification Program on 17.12.2022
- Republic Day Celebrations on 26.01.2023
- World Water Day on 22.03.2023
- No Tobacco Day on 31.05.2023

❖ Promotion of Social development:

National Service Scheme (NSS):

The students are exposed to the diverse social structure and their issues, particularly in the neighboring areas, through the National Service Scheme implemented at the Institute. The students engage in social awareness-raising events regarding a range of hot-button issues, including Swatch Bharat, women's health, and female feticide. While doing this, students also learn about societal problems and consider potential solutions. The National Service Scheme aims to instill a sense of social responsibility, promote community engagement, and develop leadership skills among youth. It seeks to foster a spirit of volunteerism and civic participation, while addressing local community needs through sustainable initiatives.

College Events and Fests:

SNIST organizes college fests that invite students from all parts of the state/country to showcase their latent abilities. Fests typically feature a wide range of literary competitions, multi-cultural events, technical challenges interspersed with celebrity performances. The social interactions that take place helps students develop positive attitude and confidence in order to face the challenges of the real world. Planning and taking part in festivals helps students become more accustomed to organizing, prioritizes their work, enhances their learning experience, and cultivates a sense of accountability.

The various college fests organized regularly by the college are:

1) Sreevision – Techno-Cultural fest

2) Roboveda– Technical event
3) Mechprix– Technical symposium
4) Ashwathama – Inter college Sports festival
5) Adastra – Technical event
6) Rigolade – Techno-Cultural fest
7) Khelo Sreenidhi – Intra Sports event
8) Charge – Technical symposium
9) Graduation Day – Conferment of degrees and Gold medal to graduates
10) Fresher's day - An Interactive Cultural Event with First Year students
11) Traditional Day - A Commemorative Event on our Culture, Tradition. Heritage and customs
12) Sreeotsav – Celebrating the spirit of dussera festival
13) Orientation day – Inviting First year students
14) Ascendio – Entrepreneurial event
15) WIE conferencia - National conference for women in engineering
16) Walk for a cause – fund collection program for needy
17) Blood Donation camps
18) Breast Cancer awareness camp
19) Mission Mahatma – Village service
20) Make a wish campaign - for cancer patients