7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust

Institutional Distinctiveness

SRI INDU COLLEGE OF ENGINEERING & TECHNOLOGY

(AUTONOMOUS INSTITUTION UNDER UGC, NEW DELHI)

ACCREDITED BY NBA & NAAC

APPROVED BY AICTE, NEW DELHI,

AFFILIATED TO JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, HYDERABAD

SHERIGUDA(V), IBRAHIMPATNAM(M), R.R.DIST. – 501 510. TELANGANA

Institutional Distinctiveness

Our vision is to be a premier institution in engineering and technology and management with competency, values and social consciousness.

Sri Indu College of Engineering and Technology is consistently motivating, support platform for students to exhibit their skills knowledge in various competitive Technical Events. Our institute has arranged various technical events and awareness programs to increase the competency level.

High quality of the academic excellence covers way for the desired outcomes of conceptual learning and technical competency among the students. This is achieved through curriculum design in tune with the global requirement blended with innovative teaching – learning methods. Motivating and supporting the students into various technical programs and activities, guest lectures and workshops through technical associations and forums namely ISTE, IETE, CSI, IEEE enables them to develop their technical competency to work towards their career aspirations and opportunities and to achieve their desired academic and career goals.

Students are educated on courses offered through MOOCS (NPTEL NOC, Coursera, Spoken Tutorial, etc.,)each of the semesters in tune with the courses offered through the semester. The institute also acknowledges the academic excellence of the students through scholarships, cash awards and Gold Medals during College Annual Day. Innovation and Design: The institute's vision to empower the budding women engineers towards innovation and design is visualized through their active participation in national level competitions like Hackathon, paper presentations, Project expos. The students are mentored and guided by the faculty in working competitively to stand at the national level in various technical events. SICET IIC, R&D Cell, EDC Cell, S-HUB, P-HUB conducts various workshops, seminars, guest lectures and contests to enhance the potential of the students towards innovation and design. Various technical contests and competitions are conducted by department technical associations to challenge the technical competency of the students.

The SICET NSS team takes up initiatives in collaboration with government agencies and NGOs to built up social responsibility among the students by arranging blood donation camps, tree plantation, women empowerment, skill developments, voters awareness programs, Clean Campus, Eco friendly activities etc.,

The vision of the institute is "To develop integrated manpower with right attitude, possessing knowledge and skills, required to make an honourable living and contribute to the socioeconomic development and welfare of the society".

In addition to preparing the students with core competencies to face the global challenges, believing that "skills are of less value in the absence of appropriate value systems", the institute strives in making students adopt right attitude, understand and contribute to the socio-economic development & welfare of the society. The institute is contributing to the development of the nation by capacity and character building of the students. The institute takes lead in serving the society and in inculcating those values in the minds of young generations and imbibing in them, the required qualities to make an honorable living in the society.

The institution also donates funds in order to fulfil its role of social responsibility and inspires the students to follow the same in their lives.

- Contributed Rs.6,00,000 lakhs to the Commissioner of Police, Rachakonda Police Station, Hyderabad for C.C. TV & Cameras provision in the surroundings..
- Contributed to the welfare of the victims of natural disasters in association with students and faculty.
- Offers "POOR & MERIT Scholarships" to help the students in pursuing graduation. They are, in turn, requested to help the poor, in future.

Social Outreach Activities – Funding of 6 Lakhs to Police Dept for CC TV Provision in the Surroundings

Sri Indu College of Engineering and Technology was established by New Loyola Model Educational Society - 1971, Vanasthalipuram, Hyderabad under the chairmanship of Sri. R. Venkat Rao. The institution is situated with an extent of 54 acres on the Nagarjuna Sagar highway at a distance of 15KM from L B Nagar, Hyderabad, Telangana . The college is recognized under 2(f) & 12(B) of UGC act 1956, Accredited by NBA and NAAC, approved by the AICTE, New Delhi and permanently affiliated to Jawaharlal Nehru Technological University, Hyderabad, Telangana.

Our website: http://www.sicet.ac.in/

Location Advantage

Sri Indu College of Engineering and Technology is surrounded by several villages and the ambience is set in a completely rural background with serene atmosphere. Many students are coming from nearby villages such as Sheriguda, Patelguda, Mangalpally etc. Most of the students prefer to attend the college on foot and by bicycle. Due to these factors the institute is free from pollution and doesn't get exposed to contamination. With these aspects students will get benefited not only financially but also health point of view. By possessing the above special features, the institution maintains its distinctiveness. The students of this institute do not get disturbed since the campus is away from buzzing city life. The students do not have any distraction and so naturally concentrate their studies thoroughly. Moreover, education facilities get decentralized if the institutes are established in different locations. Thus the institution is blessed to be close with the nature. By staying away from the metropolitan environment, students will focus on studies rather than other avocations. Thus those who come from nearby places will have the advantage of low cost maintenance, and also they can save time. Though the institute is on the high way, it is thus attached to rural area. The institute caters the needs and demands of students with regarding the transportation both for faculty and students with bus services covering from different areas covering the length and breathe of the city like Dilsukhnagar, Mehdipatnam, Kukatpally, Alwal, Ghatkesar etc. to the Institute. The buses are safe with well trained drivers appointed by the college authorities. The buses also equipped with FirstAid facility. These buses are secured, comfortable and affordable.

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Residential Accommodation for Girls

Quality Residential Hostel for Girls: The institute provides Residential Hostel exclusively for the girls. It caters homely hygienic food with delicious multi cuisine items with south Indian and north Indian delicacies. This hostel is fully equipped with modernized amenities. The student will have the advantage of attending for the study hours so that they can clarify their doubts. The institute charges reasonable fee and they are provided with complete security consisting of CC cameras. The hostel also provides First Aid service, mineral water and gives utmost importance to cleanliness. Students are taken by the dedicated wardens and supporting staff. The grievances of the hostellers are addressed immediately and there will also be visiting hours for the parents and guardians in a stipulated time. The hostel is Wi-Fi enabled with power backup facility. The hostel also provides the lift facility, hot water and TV. Students are allowed to go outside provided they must take prior permission from the warden concerned and they are expected to return to the hostel before the schedule time. To discourage the ragging in the hostel, the accommodation rooms are provided separately for both seniors and juniors. Strict action would be initiated if any student indulges in indiscipline and no student is expected to bring objectionable items to the hostel.

College Hostel

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Hostel Rooms

Dining Hall

Study Hall   **TV Facility**   **CC Camera**

Lift Facility

Wi-Fi Facility

Practice Hub (P-Hub)

SRI INDU PRACTISEHUB ACHIVEMENTS IN GMRIT, SRIKAKULAM TECH FEST (STEPCONE2K19)

Recently we have been participated in GMRIT College-Srikakulam and we have won 5 awards and awarded which 64,000 prize money.

We have actively participated in major International events and secured respective positions:-

- 1st prize in Project design contest
- 1st prize in paper presentation(EEE Domain)
- Young Innovation award
- Silver medal prize for best paper presentation in all Departmental Domains
- 2nd prize for Drone Racing

Incubation Centre

EPICS – (Engineering Projects in Community Service)

- AGRIT
- Automated Aquaponics system
- AGRI-EYE
- Farm Monitoring system Using Arduino
- e- Agriculture
- Plants Emotion Status on Social Network
- Smart Drip Irrigation system.

Demonstrations in other Institutes

S-HUB

Startup / Innovata Club

The 'Start-up India' program is intended to build a robust eco-system for nurturing innovation and start-ups which will in turn drive sustainable economic growth and generate large scale employment opportunities in India.

Start-up& Innovation are an entity that develops a business model based on either product innovation or service innovation and makes it scalable, replicable and self-reliant. Innovations have a strong linkage to the world of start-up. Solutions to unsolved problems form the basis for thinkers to innovate. Start-Up & Innovation are the facility established to nurture young (start-up) firms during their initial period. It usually provides affordable space, shared offices and technical services, hand-on management training, marketing support and access to some form of financing.

Sri Indu College of Engineering and Technology (SICET) formed "Start-up & Innovation Cell" with an aim to create an integrated, college and university-based innovation ecosystem to support innovations and ideas of faculty members and young students and provide a conducive place and environment for optimum output of their thoughts and creative ideas.

The Entrepreneurial vision, defined by discovery and risk-taking, is an indispensable part of a nation's capacity to succeed in an ever-changing and fiercely competitive global marketplace. A Start-up & Innovation Cell has been established at our institute to support this vital need of the present times.

The Start-up & Innovation Cell aims to provide a platform for the convenient merger of innovative and entrepreneurial efforts. The idea is to foster and facilitate innovation and entrepreneurship among the faculty and students through mentoring, training and financing. The thrust is on innovation and incubation so as to transform a seemingly simple and novel idea into a marketable product and thus help an innovator of today to become an entrepreneur of tomorrow.

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The stakeholders include students and faculty members of SICET, mentors from professional bodies, and entrepreneurs from the local community. The philosophy of the centre is that every idea, howsoever insignificant it might appear, deserves to be considered and examined for the promise it holds.

Objectives

- To develop entrepreneurial skills among students and faculties.
- To inculcate a culture of innovation-driven entrepreneurship.
- To strengthen and motivate students through a supportive environment that helps them to establish their business ideas and develop their concepts into market ready products.
- To promote new technology/ knowledge/ innovation-based start-ups.
- To provide a platform for speedy commercialisation of technology developed by new entrepreneurs.
- To provide requisite wherewithal to prospective entrepreneurs to take their idea/ innovation forward to a logical conclusion.
- To build a vibrant start-up ecosystem, by establishing a network between academia, financial institutions, industries, and other institutes.

Start Up Ecosystem

Sri Indu College of Engineering and Technology has established a dedicated Start Up and Innovation Cell in collaboration with Centre for innovation, incubation and linkages (CIIL) SPPU, Hyderabad for providing required support to all start up activities. Cell has a sound local ecosystem which includes strong infrastructural facilities like dedicated office space, testing facilities in all department laboratories, e-library, and high speed internet.

Start-up and Innovation Cell has many representatives on board from different sectors including technical, marketing, commerce, legal, intellectual property rights, alumni, entrepreneurs etc. Also through collaboration with CIIL, selected feasible ideas will be totally supported by ecosystem developed at University level right from idea phase up to commercialization.

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SICET has a separate ED Cell which has a dedicated team of expert faculties from all departments and sections. This team has the potential to provide support for the feasibility analysis, market survey, project planning, and techno-commercial analysis of any innovative idea proposed by students.

Functionality & Strategies

- Formation of Start-up & Innovation club & registration of students in the club.
- Induction workshops for new students.
- Visits of club members to start-up units
- Preparation of action plan for start-up activities.
- Organization of lectures of entrepreneurs.
- Formation of industry interaction cell for getting industry problems and inviting experts.
- Formation of social entrepreneurship cell.
- Formation of group of students and faculty interested in starting a start-up.
- Involvement of alumni in college start-up.
- Market surveys for identified products/processes/systems.
- Encouragement to students to participate in E-summit, hackathons and similar start-up and innovation related exposure programmes at various places.
- Market surveys for identified products/processes/systems

NSS activities:

The institute, through NSS unit and blood donors club, organized various activities to help the society and to inculcate the service motto in the students.

Some of the activities:

- Conducted number of Blood donation camps and medical camps.
- Provided services to the victims of natural calamities.
- Participated in Plantation programs organized by the college or the government.
- Conducted awareness programs on "Swachh Bharat Mission" theme & rally on swachh Bharat, no plastics, cashless transactions etc.
- Distributed books to school children
- Rendered services at Sheriguda and surrounded villages

Social Outreach Activities – Blood Donation

Social Outreach Activities – Anti Drug Awareness Campaign

Social Outreach Activities – Swachh Bharat Activities

Social Outreach Activities – Tree Plantation

Literary and Cultural Committee:

Helping hands, a student initiated club of Literary and Cultural Committee organized many activities like distribution of fruits, sweets etc. to blind and poor people.

Departments and institute activities:

- The institute organized project exhibitions in the campus and invited students from various schools to visit the exhibitions. The students as technical volunteers actively involved in explaining the concepts.
- The departments organized awareness programs on energy conservation and the use of technology in nearby villages and conducted power point presentations to explain the concepts.