SETHU INSTITUTE OF TECHNOLOGY

PULLOOR, KARIAPATTI – 626 115

An Autonomous Institution | Accredited with 'A' Grade by NAAC

Internal Quality Assurance Cell

Targets and Achievements of 2019-2020

Objectives	Targets	Achievements
Goal 1: Excellence in Technical Education		
1. **Faculty Excellence**	• To arrange for faculty exchange program with International Universities	Faculty members of International Relations Cell are making arrangements. It will be after COVID-19 spread is completely over.
	• To increase no of faculty with Ph.D qualification as 100	Faculty with Ph.D.has reached 100
2. **Educational Excellence**	• To get NBA Accreditation for three programs	The UG Programs of MECH and IT were accredited by NBA for Three Years The UG Programs of CSE, ECE & EEE submitted SAR in November 2019 & Visit is expected in the month of March 2021
3. **Infrastructure Excellence**	• To establish two new laboratories	New Laboratory established AGRI • Food Processing and Post-Harvest Laboratory

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		• Bioenergy LaboratoryECE • IoT Laboratory
	• Equipping 15 more classrooms/Seminar Halls with LCD Projectors	All classrooms of CSE, ECE and EEE are equipped with LCD Projectors. 25 LCD Projects are purchased
4. Promoting Student Excellence	• To promote more experiential learning	Experiential learning is practiced in all the Departments for many courses (Sample enclosed)
5. Enriching Student Experience	• To increase the average salary of the placed students to 3 Lakhs	• Efforts are taken to increase the average salary to 3 Lakhs
	• To help 3 students to become entrepreneurs	• 20 Students of 2016-2020 batch are showing their interest to become entrepreneurs and get the guidance from EDC cell
Goal 2: Excellence in Research		
1. **Promoting Research Ambience and Culture**	• To establish 2 Research Laboratories	• Scanning Electron Microscope (SEM) facility was established at SethuInstitute of Technology through funds sanctioned fromDST - FIST, New Delhi. • Centre of Excellence in Signal and Image Processing is established in the Department of ECE.
	• To receive National award for Innovation	• MHRD-IIC one star rating for the first quarter for the Institution Innovation Council with a score of 24.99 out of 25 • Mrs.S.M.NaziaFathima, Director (R&D) and Research Scholar has received the following

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		awards under the guidance of Dr.R.Tamilselvi, Professor and Dr.M.ParisaBeham, Associate Professor, Department of Electronics and Communication Engineering. ✓ Rs 10 Lakhs under the DST-Lockheed Martin-Tata Trusts IIGP 2.0 – University Challenge 2019 for her project entitled "OsteoCheX-A handheld device to measure bone density from X-ray images" ✓ Rs 1 Lakh worth processor kits as a Quarterfinalist in DST & Texas Instruments organized India Innovation Challenge Design Contest, IICDC 2018 for her project titled "Low cost BMD Device" anchored by IIM, Bangalore. • A Team of EEE student won First prize in "Smart India Hackathon SIH 2019 Hardware Edition Grand Finale" at IIT, Delhi. • Selvan.N.Sivakumar, Dr.C.Mekala,Assoc.Prof./Civil for winning the first position in All India level HYUNDAI SOCIAL CREATOR AWARD 2019 among 8 finalists, held at New Delhi on 24.11.2019

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2. **Enhancing Academic Research**	• To increase citation h-index to 30	The h-index of the College is 33
3. **Enhancing sponsored research**	• To collaborate with one research organization	Efforts are taken to sign MoU with Board ofResearch in Nuclear Sciences (BRNS)
	• To obtain one Industry Research Project	A Team of Faculty and Students from the department of Mechanical Engineering is doing the Industry Research Project for Bhavani, a sub unit of IGCAR
4. **Establishing Research Centres of Excellence**	• To establish Incubation Centre	• Visit by MSME Officials was held on 23.01.2020 • Sanction of Incubation Centre is in progress
Goal 3: Excellence in Industry Institute Interaction		
1. **Producing industry-ready graduates**	• To analyze the skills required for global employment and train the students	Courses offered in Emerging areas - List to be provided • Cloud Computing • Machine Learning • Internet of Things • Smart City • Smart Manufacturing • Cyber Forensics Foreign Languages • German

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		• Japanese • French were offered to the students
2. **Establishing mutually beneficial relationship with industries**	• To identify problems in the Industry by all Departments and offer solution	Departments have collected problems from Industries. Due to COVID-19 it could not be completed. It will be continued in 2020-2021
	• To encourage/convert two ideas into products	Faculty members from the department of Mechanical, ECE and EEE developed a product on Automatic Sanitizer Dispersion for the benefit of the society
3. **Setting up industry supported facilities in the campus**	• To establish centre of excellence through industry	• UiPath Academic Alliance in the field of Robotic Process Automation (RPA) is established 3 Courses are designed through this collaboration
Goal 4: Excellence in Institutional Effectiveness		
1. **Promoting continuous improvement**	• Implementing e-governance in faculty support aspect through (i) Online faculty application portal and (ii) Online faculty leave management system	Department of Information Technology is Developing

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2. **Serving the Society**	• To provide technical solution to the adopted village	• Grey Water Recycling Project is in progress for Kariapatti • Automatic Sanitizer Dispersion- Product developed by the faculty members were used in the college campus and all Local Police stations during the COVID' 19 pandemic situations
3. **Making a global impact in education**	• To build international partnerships with Industries abroad	UiPath Academic Alliance

IQAC Coordinator

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PRINCIPAL

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