SSiT
SOLUTIONS PVT. LTD.

Sense Semiconductor & IT Solutions Pvt. Ltd.

CIN: U72900AP2022PTC120920

An ISO Certified Organization

We Sense Technology

ABOUT SENSE SEMI

Sense Semiconductors & IT Solutions believes every project deserves a structured approach, whether simple or complex. With expertise in IoT, Embedded Systems, VLSI Design, and IT solutions, we deliver innovative projects on time and as per client needs. We also focus on bridging the academia–industry gap through workshops, webinars, and internships, empowering students with practical skills for the future.

MESSAGE FROM OUR FOUNDER

At Sense Semiconductors & IT Solutions, what began as a vision has grown into a thriving reality. Our journey has been driven by passion, innovation, and an unwavering commitment to excellence. I am grateful to everyone who has been part of this story—our team, partners, and learners who trust us.

Mr. Sudheer Reddy
Founder & CEO

THE BACKGROUND

One of our founders Mr. Sudheer's journeys from assisting his parents in agriculture to developing technological solutions showcases our company's roots in solving real-world challenges. His commitment to easing agricultural processes and later expanding into aquaculture, healthcare, and automation highlights a foundation of innovation that drives Sense Semiconductor's focus on practical, impactful technology.

"Like many startups, we also have a backstory that inspired our mission to create impactful, real-world solutions."

OUR MISSION

Unleashing Potential, Shaping the Future:

At SSIT, we empower future innovators with accessible tech solutions and industry-ready learning—ensuring everyone can be part of the tech

OUR VISION

Building a Bridge, Shaping Tomorrow:

Our vision is to be a leading catalyst in bridging innovation with application, shaping a future powered by accessible and impactful technology.

BRIDGING INOVATIVE SOLUTIONS

From Challenges to Changemakers

At SSIT, innovation is not just a buzzword, it is our response to real-world challenges. Witnessing a loved one's struggle with paralysis inspired an assistive communication system, but clinical trials revealed broader treatment gaps, leading us to upgrade it into a comprehensive therapy tool. Recognizing the often-silenced issue of menstrual pain, we are developing solutions to empower women with relief and comfort. As entrepreneurs ourselves, we tackled our management hurdles by creating the "Management of Internal and External Activities" software, now helping startups navigate their journeys with greater ease. From paralysis treatment to women's well-being and streamlined startup operations, we translate problems into impactful solutions, driven by purpose, empathy, and a commitment to making a positive difference.

Automation

WHAT
WE DO!

Academia

Software
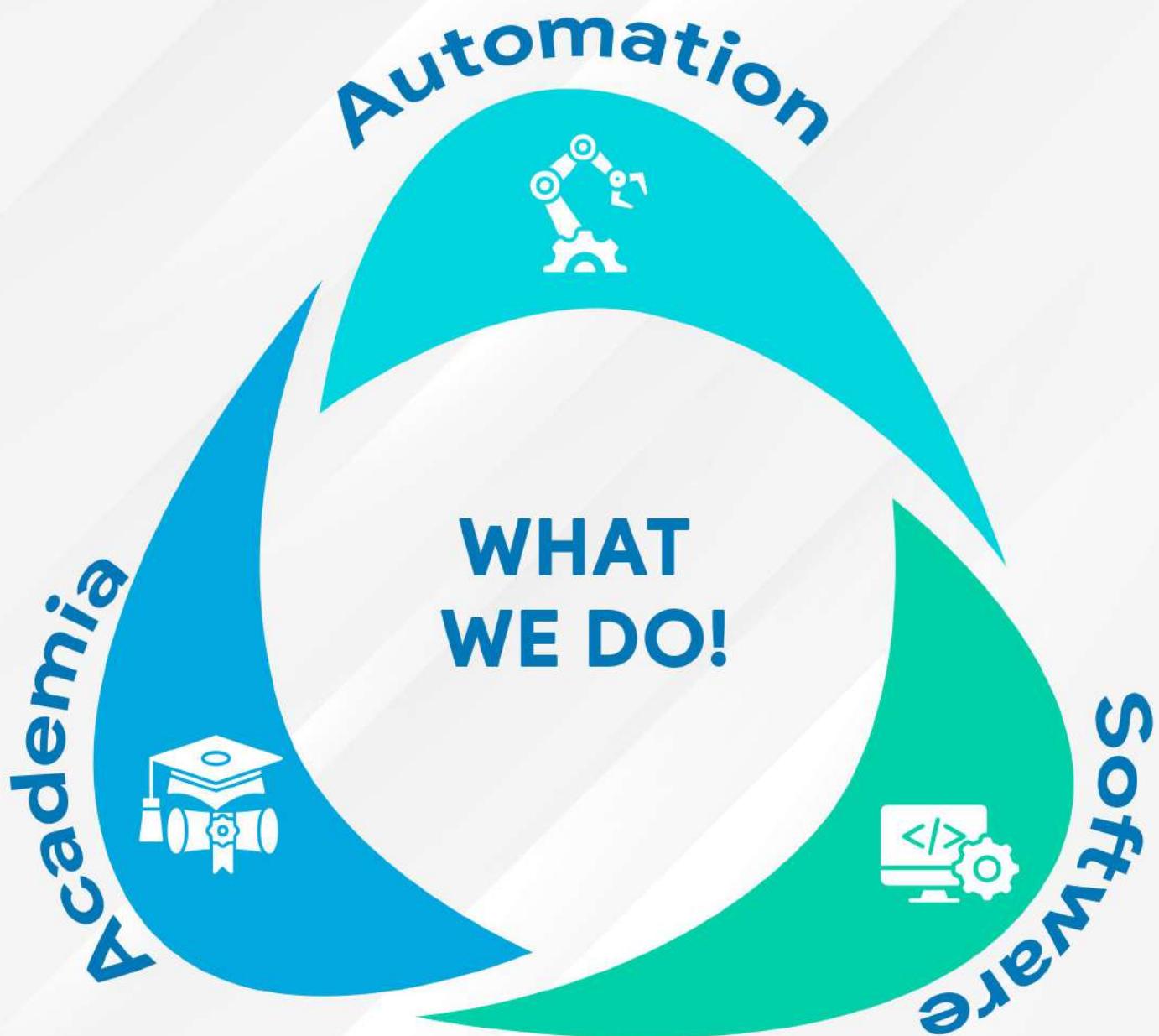
AUTOMATION

We design innovative products and provide end-to-end services in Residential and Community Automation, making everyday living smarter, safer, and more efficient. From intelligent home controls to large-scale community solutions, our offerings bring comfort, convenience, and sustainability to modern lifestyles.

Industries we are serving:

Healthcare & MedTech	Residential Automation	Commercial Spaces
Logistics	Agriculture & AgriTech	Retail & E-Commerce

Products

Home Automation

- ☆ Smart Lighting
- ☆ Climate Control
- ☆ HVAC Automation
- ☆ Appliance Control
- ☆ Mode & Environment
- ☆ Security Systems
- ☆ Sanitary Automation

Community Automation

- ☆ Water & Sanitary Management
- ☆ Solar Fencing System
- ☆ Street Light Automation
- ☆ Smart Gate & Entry
- ☆ Smart Security Systems
- ☆ Smart Parking Systems

Services

Smart Energy Data Logger System

The Smart Energy Data Logger records & monitors real-time energy meter data, tracking voltage, current, power, and consumption to deliver insights for efficient energy management.

REWINH GROUP

RNG
REWINH GROUP

Customized AC Control & Monitoring Unit

Customized AC Control & Monitoring Unit offers smart, real-time AC control and monitoring for improved comfort and energy efficiency.

VVIT University

VVIT
UNIVERSITY
VASIREDDY VENKATADRI

SOFTWARE

We build our own innovative products while also delivering professional Web Development, App Development, SEO, and Branding services. Our goal is to create digital solutions that are scalable, user-friendly, and growth-oriented for businesses of all sizes.

Industries we are serving:

|		
Education & EduTech	Corporate & Enterprise	Financial & FinTech
Healthcare & MedTech	Residential Automation	Commercial Spaces
Logistics	Agriculture & AgriTech	Retail & E-Commerce

Products

HRM Portal	Exam Portal	University Management	Supply Chain Management
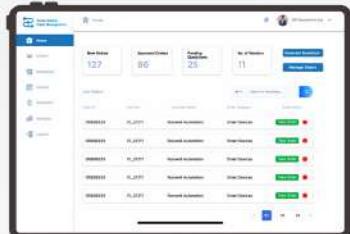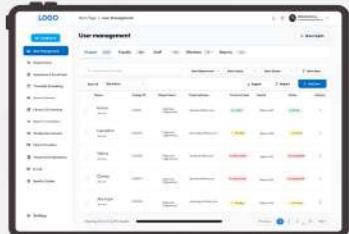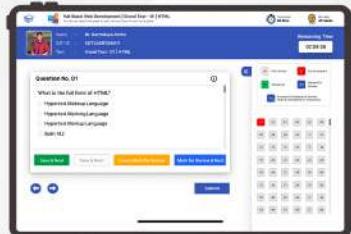
Project we Delivered

Cleo Academy Website	B—Buys Mobile App	Sorvet Contest Page
KV Contruction Branding	Family Bazar Branding	VinHot Website & App

Our Esteemed Clients

ACADEMIA

Sense Academia blends education with innovation, providing accessible and engaging learning for all.
It offers diverse courses, tools, and resources tailored to students, professionals, and lifelong learners.
Our mission is to empower individuals to unlock their true potential and transform their future.

EMBEDDED SYSTEMS

Course Highlights:
Embedded Product Design Life Cycle
Exploration with Arm based controllers
Hardware Designing
Schematic Drafting & PCB Layout
Peripherals & Communication Protocols
Firmware for Real-time project

INDUSTRIAL INTERNET OF THINGS

Course Highlights:
IoT Product Design Life Cycle
Controllers, Sensors & Actuators
Firmware Logics & Iplementation
Peripherals & Protocols
Cloud Platforms & Mobile Application

SENSE ACADEMIA

FPGA BASED VLSI DESIGN

Course Highlights:
FPGA Architectures & Diff. Boards Exploration
Digital Logic Designs Implementation
Digital System Design Implementation
FPGA Prototyping
Exploration of VLSI Industry Tools
Approach for real-time project implementation

FULL STACK WEB DEVELOPMENT

Course Highlights:
Software Design Life Cycle & Internet Basics
User Interface & User Experience Design
Front-End Technologies
Back-End Technologies
Database Management
Web Deployment & Maintenance

Programs we Offer

Project Based Learning (1 Yr)	Skill Enhancement Program
Faculty Development Program	Placement Trainng Program
Summer Internship Program	Long-Term Internship Program
Hackathons	Webinars & Seminars

Our Stats Till Now

4000+ Training Hours	**5000+** Benefited Students	**35+** Industrial Trainers
350+ Programs Organized	**60+** Students Placed	**12+** MoU's Signed

University Connect

RECOGNIZED BY

#startupindia

MSME
MICRO, SMALL & MEDIUM ENTERPRISES
सूक्ष्म, लघु एवं मध्यम उद्यम
OUR STRENGTH • हमारी शक्ति
Ministry of MSME, Govt. of India

MINISTRY OF CORPORATE AFFAIRS
GOVERNMENT OF INDIA

EURO UK ACCREDITATION LICENSING SERVICES

ISO 9001 CERTIFIED

APSCHE

AICTE

SWAYAM Plus⁺

ENGAGED WITH

MINISTRY OF ELECTRONICS & INFORMATION TECHNOLOGY GOVERNMENT OF INDIA

कृषि एवं किसान कल्याण मंत्रालय
MINISTRY OF AGRICULTURE AND FARMERS WELFARE

∞ Meta

R-ABIs ANGRAU - Agri Innovations and Entrepreneurship Development Cell, ANGRAU Poshan Incubator
Regional Agricultural Research Station
S V Agricultural College, Tirupati

ANGRAU

ANGRAU AIED CELL

MANAGE मनेज

FITT

ACHIEVEMENTS

☆ Top 4 Finalists in XR Startup Challenge for the Idea "Automated Paralysis Patient Health Care System" & Funded by FITT Delhi in association with Meta & MeitY INDIA.

☆ Top 8 Finalists in Sankalp Hackathon 2024 for the Idea "Automated Shrimp Grading System". & Funded by Ministry of Agriculture & Farmers Welfare Gov of India & This event organized by RKVY-RAFTAAR, ANGRAU, Acharaya N G RANGA Agricultural University & MANAGE - Hyderabad.

☆ Top 5 Finalists in Sankalp Hackathon 2023 for the Idea "Crop Customized Irrigation System". & Funded by Ministry of Agriculture & Farmers Welfare Gov of India & This event organized by RKVY-RAFTAAR, ANGRAU, Acharaya N G RANGA Agricultural University & MANAGE - Hyderabad.

☆ Top 10 Finalists for the Project "Smart Irrigation Using IoT" This event is organized by MeitY Govt. of India & IIT Madras.

☆ Top 30 Finalists for the Project "Smart Agriculture Using IoT" This event is organized by Ministry of Agriculture & Farmers Welfare Govt. of India.

Our Expert team is ready to help you anytime !

Contact & Reach Us:

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