

3.3.1: Institution has created an eco-system for innovations, creation and transfer of knowledge supported by dedicated centers for research, entrepreneurship, community orientation, Incubation etc.

The Institution provides a conducive environment for promotion of Innovation and Incubation. All required facilities are provided and Guidance is extended to the students. Students are encouraged to actively involve in the application of Technology for societal needs. Necessary support is provided for Documentation, Publication of Research Papers and also for obtaining patents. Awareness meets, workshops, seminars and guest lectures on Entrepreneurship are organized. Students are provided opportunities to directly interact with outstanding entrepreneurs excelling in their field. Product service Training is provided for creating awareness on marketing the products.

To produce successful entrepreneurs imbued with leadership qualities using innovative and ethical business practices to make global impact.

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.

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.

Functions

- To organize Entrepreneurship Awareness activities, Entrepreneurship Development Programmes and Faculty Development Programmes in the region for the benefit of S&T persons.
- To develop and introduce curriculum on Entrepreneurship Development at various levels including degree/diploma courses of the parent institution and other institutes in the region.
- To conduct research work and survey for identifying entrepreneurial opportunities.
- To guide and assist prospective entrepreneurs on various aspects such as preparing project reports, obtaining project approvals, loans and facilities from agencies of support systems and information on various technologies
- To arrange visits to industries for prospective entrepreneurs
- To extend necessary guidance and escort services to the trainees in obtaining approval and execution of their projects.
- To act as a Regional Information Centre on business opportunities, processes, technologies, market, etc. by creating and maintaining relevant databases.
- To provide testing, calibration, quality assurance, design, tool room, pilot plant and other facilities for Entrepreneurs besides expertise in Intellectual Property rights, Patents search, etc.
- To render advice to sick enterprises and assist the entrepreneurs in rehabilitating them.
- To conduct skill development training programmes leading to self-employments and start-up.

LIST OF ACTIVITIES ORGANIZED

Event Name	Department	Event Date
Roadmap to Women's Empowerment through Entrepreneurship and Operations	IIC	19.10.2021
Importance of Patenting your Innovations & Transformation of Business operation	IIC	19.10.2021
Innovation for Startup and B-Plan	IIC	05.10.2021
Creative Ideation, Design Thinking and Prototyping for user centered Innovations	IIC	05.10.2021
How to Become an Good entrepreneur	EDC	24.08.2021
Essay and Poster Design		
World Entrepreneurship day Celebration	IIC	21.08.2021 to 24.08.2021
Orientation Session on Ideation and Entrepreneurship Development	IA-IIC	06.08.2021
Orientation Session on Design Thinking Skill for Innovation	IIC	14.07.2021
To create an awareness about Angel and VC funding among students	IPR Cell	05.07.2021
Building an Innovation/Product fit for Market	IPR Cell	30.06.2021
How to Plan for Start-up and Legal & Ethical Steps	IPR Cell	29.06.2021
Webinar on UX Design	EDC	22.06.2021
Wireless Power Transfer (WPT) technology is developing rapidly in Electrical Vehicle applications.	EEE	23.06.2021
Workshop on Drone Development	S-Hub	21.06.2021
International Yoga Day	NSS	21.06.2021
Career Guidance for Electrical Engineers	EDC	26.05.2021
Protecting your Innovations Through Patents	IPR	22.05.2021
Problem Solving Workshop On 21st Century Skillset	EDC	18.05.2021
Iris Dataset using KNN Algorithm	ECE	08.05.2021
One Week Training Program on Skill Development on JAVA	S-HUB & P-HUB	24.04.2021 to 30.04.2021
Guest Lecture on Segmentation Tree	CSE & IT	24.04.2021
New Faculty Orientation Program	IQAC	17.04.2021

Guest Lecture on Face Recognition using Python	CSE	03.04.2021
How to Start a Career in Machine learning and Artificial Intelligence	R&D Cell	09.03.2021
Quiz contest on" BUSINESS COMMUNICATION"	EDC	25.02.2021
Orientation Program On Social Entrepreneurship And Basic Business Plan	SICET IIC	25.02.2021
Training Session On 100 Shortcuts In Aptitude Skill	TPC	19.02.2021
Startup Business Idea Development For Innovation & Entrepreneurship	EDC	10.02.2021
Development Of Entrepreneurship & Innovation Skills	Incubation Cell	30.01.2021
Workshop on Prototype/ Process Design and Development- Prototyping	IIC	27.01.2021
Innovative Teaching Strategies	ECE	25.09.2020
Machine Learning and Python	TASK	27.08.2020
Internship opportunity in Electrical field	Princeton Smart Engineer	18.08.2020
Employability Skills	Mahindra Pride Class room	17.08.2020 & 25.08.2020
IIT Roorkee & Wiley- Post Graduate Certification in AI for BFSI	Miles Education	14.08.2020
Core jobs in various disciplines of Engineering	HIEE	12.08.2020
Expectations of the Business Process Management (BPM) Industry Post Covid-19	TASK	06.08.2020
Python Programming for Data Science & Machine Learning	30DigiTMG	03.08.2020 to 07.08.2020
Evolving Trends during & Post Covid in Talent Acquisition	WIPRO	01.08.2020
Free Webinar on Cyber Security	Soebit Cyber security	01.08.2020
Block Chain Training Program	TASK	30.07.2020 & 31.07.2020
Think Big	ECE	22.08.2020
Interview skills	ECE	21.08.2020
Personal Grooming	ECE	20.08.2020
Relationship Management	ECE	19.08.2020
Decision Making	ECE	18.08.2020
Time and Priority management	ECE	17.08.2020
Mentorship on Placement awareness and Readiness	ECE	12.08.2020

Self-Estimation towards Job Scope	ECE	10.08.2020
Computer Vision and Its Applications	ECE	25.07.2020
86.4k	ECE	30.06.2020
Covid-19 Hackathon	ECE	08.06.2020 to 28.08.2020
Functional Graded Metal Matrix Composites for Engineering Applications	MECH	21.05.2020
Advanced Power Technologies	MECH	20.05.2020 & 21.05.2020
Cyber Security	CSE	16.05.2020
Digital Productivity	CSE	15.05.2020
Faculty Awareness Program on Accreditation and Outcome Based Education	IT	18.05.2020
Face Mask Detector with openCV, Tensor Flow and Deep Learning	IT	27.05.2020
Innovation And Entrepreneurial Needs In 21 st Century	MBA	21.05.2020
Students Development Programme on Tunnel Technology	CIVIL	29.05.2020
FDP on SOLAR ENERGY	CIVIL	19.05.2020
Transformation in Crisis	EEE	25.05.2020
Prime Time	ECE	26.06.2020
Deep learning for Radar Imaging	ECE	30.05.2020
Recent Trends in Electrical Engineering and Renewable Energy Sources	EEE	23.05.2020
Skill Development Programme on “MATLAB PROGRAMMING”	EEE	23.05.2020
Skill Development Programme on “PYTHON PROGRAMMING”	ECE	21.05.2020
Introduction to IOT and its Applications	ECE	18.05.2020
How to Become A Software Engineer in IT Industry	ECE	26.05.2020
Real Time Implementation of AI Incorporated With Image Segmentation And Retrieval Process	ECE	21.05.2020

Total No. of Innovation Ambassadors: 11 (10 were completed Innovation Ambassadors (Basic Level) training programme and 1 has completed Innovation Ambassadors (Advanced Level) organized by MoE.

Innovation Ambassadors			
S.No.	Name	Email	Contact
1	Dr. N.C.Sendhilkumar	sendhilkumarnc@gmail.com	9443968958
2	Dr. G.Suresh	geosuresh@gmail.com	9347363999/9443967464
3	Dr. T. Kumaresan	speak.kumaresh@gmail.com	9585032610
4	Easari Parusharamu	parushuece@gmail.com	9989575859
5	Dr. N.Sadhasivam	sadhasivamn82@gmail.com	7639109780
6	RAKESH SHARAN.Jonnakuti	rakeshsharan.j@gmail.com	9441231345
7	Abdul Khaja Pasha	khajapasha.401@gmail.com	9703944454
8	Dr.Sampath Korra	sampath_korra@ahoo.co.in	9701439978
9	Dr. Joseph Prabhakar Williams	hodeeesicet18@gmail.com	9486951395
10	Dr. A. Naga Malleshwar Rao	eee.anmrao@gmail.com	7893042731
11	Dr.C.Veeramani	Veeramani37@gmail.com	8825590128

- **Total No. of faculty Mentors From Portal: 1**

Dr. G.Suresh	geosuresh@gmail.com	9347363999/9443967464
--------------	---------------------	-----------------------

• **Pre-Incubation Units, If any**

S. No.	Funding Schemes/Support Received	Incubation Incharge Name	Incubation Incharge Email	Incubation Incharge Phone
1	Own Resource	Dr.S.R.Mugunthan,Dr. N.C.Sendhilkumar,Dr.C.Veeramani	srmugunth@gmail.com,sendhilkumarnc@gmail.com,veeramani37@gmail.com	9944920319,9443968958,8825590128

• **Incubation Units, If any**

Type	Name	Email	Phone
EDC	Dr. A. Naga Malleshwar Rao	eee.anmrao@gmail.com	7893042731
IEDC	Dr.C.Veeramani	8825590128	8825590128
New Gen IEDC	Dr. Joseph Prabhakar Williams	9486951395	hodeeesicet18@gmail.com
Innovation cell	Dr. N.Sadhasivam	7639109780	sadhasivamn82@gmail.com
Start-Up Cell	K. Ram Mohan Rao	8247477709	rmrsicet@gmail.com
NIDHI Center	Dr.S.R.Mugunthan	9944920319	srmugunth@gmail.com
Tinkering Lab	Easari Parusharamu	9989575859	parushuece@gmail.com

• **IP Facilitation Unit, If any**

<https://sriindu.ac.in/ipr-cell/>

S. No	Cell Coordinators	Contact Details	E-Mail
1	Dr. P. Mallesham	+91 - 79930 61683	sriindu.principal2021@gmail.com
2	Dr. J. Martin Sahayaraj	+91 - 99411 65641	
3	Dr. P. Subramaniyan	+91 - 98846 26909	
4	Dr. P. S. Senthil Kumar	+91 - 98947 72556	

A. Highlight Facilities, Infrastructure of Pre-Incubation & Incubation kind and Student bodies/clubs engaged in promotion of Innovation and Entrepreneurship in the campus.

S. No	Cells/Councils	Facilities Created
	S-Hub & P-Hub	Working Space: 500 sq.ft Mentoring Room Internet Facilities 10 Desktops
1	<u>IPR CELL</u>	Working Space: 300 sq.ft Mentoring Room Internet Facilities 2 Desktops
2	<u>R & D CELL</u>	Working Space: 1200 sq.ft Mentoring Room Discussion Room 30 Desktops & 5 Laptops Internet Facilities
3	<u>Startup / Innovata Club</u>	Working Space: 300 sq.ft Mentoring Room Internet Facilities 2 Desktops
4	<u>EDC/IEDC</u>	Working Space: 350 sq.ft Mentoring Room Internet Facilities 2 Desktops
5	<u>Incubation Centre</u>	Working Space: 500 sq.ft Mentoring Room Internet Facilities 2 Desktops Makers Space

B. **Highlight Achievements (Narrative/Graphical/tabular representation)**

1	Number and Different types of I&E and IPR activities Conducted	43
2	No. of student's & faculty ideas generated	7

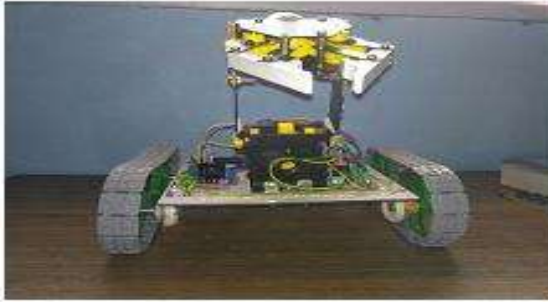
3	No. of student's & faculty Innovation/prototypes developed	4
4	No. of IPs generated, published and granted	34
5	No. of Student & Faculty Start-ups/Ventures established	3
6	Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus	140000
7	Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR	165000
8	No. of Technology Transfer and Commercialization happened	2

C. Highlight few best IIC Faculty/Student members and their achievements/ Rewarded for the innovations at different forum.

S. No	Name of the Faculty	Achievements
1	Dr.W.Joseph Prabhakar	Attended 21 Workshops on Innovation, Startups and entrepreneurship development Attended IA orientation Guided for IDEA submissions
2	Dr.N.C.Sendhilkumar	Attended 15 Workshops on Innovation & Startups Attended IA orientation Guided for IDEA submissions
3	E.Parasuramu	Attended IA orientation Guided for IDEA submissions Mentoring the students for product developments. Supporting the students to promote ideation to product developments

D. Highlight selected best Innovations & images with mention of inventor/innovation name

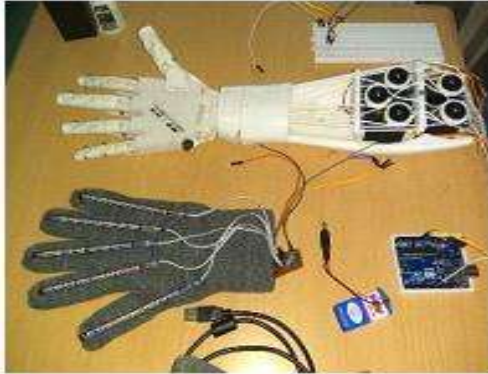
List of Students Contributions: M. Abhinav, T. Bharathdwaj, P. Praneetha, M.manasa, P. Nikhil Reddy



Intelligent line following robotic vehicle



DIY Drone 2.0



Bionic hand



Real time vehicle tracking system

A screenshot of a presentation slide titled "How to Become A Successful Entrepreneur" by Dr. T. Senthil Vadivel, Adamas University, Kolkata. The slide features a central graphic of a lightbulb with a rainbow spectrum, surrounded by several grey lightbulb icons. Below the title, there is an icon of two people with a lightbulb above them. The presentation is displayed in a window titled "Recording..." with a "View Options" button. A small video inset in the bottom right corner shows a man speaking, with a notification that says "Your network bandwidth is low".

Recording... You are viewing Dr. J. Senthil Valluvan's screen. View Options

TYPES OF INVESTORS

1 Banks & Financial Institutions	6 Venture capitalists	11 Personal Financing
2 Personal Investors	7 Private Equity Investors	12 Purchase Order Financing
3 Peer-to-Peer lenders	8 Incubators & Accelerators	13 Pre-Sales Financing
4 Seed Investors	9 Crowdfunding Platforms	14 Startup Contests
5 Angel Investors	10 Government Programs	15 Entrepreneur fellowships

Your network bandwidth is low

Recording 00:11:14 View

19D41A0482 NI... SICET 18D41A0425 Bhava... 19D41A1206 Ka... 19D41A04F5 R...
 L-442 Ashvitha Prof. M.L. Balakumar una Maheswar SICET 18D41A0470 Shiva...
 L-424/PDNDV Teja 19D45A0206 Va... 18D41A0487 Vineeth 18D41A04J0 19D41A1240 Ab...
 12041A05M5 19D41A05K7 RI... 18D41A0465 S.Swe... ICICI Bank 18D41A04F0 Akash 19D41A04C3 K...
 18D41A0427 Rahul 19D41A05A7 18D41A04C4 N 18D41A04L1 18D41A04F4

Unmute Stop Video Security Participants 314 Chat Show Screen Record Breakout Rooms Reactions More End

Recording...

Participants (462)

Find a participant

- SICET (Host, me)
- Prof M L Saikumar (Co-host)
- Khaja Fasha (Co-host)
- paruhu rama (Co-host)
- SICET (Co-host)
- uma Maheswari (Co-host)
- (20D45A0205) - ESHAN PRASAD
- (20D45A0205) B. Akshanth
- (20D45A0234) M...
- 19D41A0218
- 17041A0408
- 17041A0408 Karthik
- 17041A0403(N.Murali)
- 18/248 rajesh
- 18741A0196

Unmute Stop Video Security Participants Chat Share Screen Pause/Stop Recording Breakout Rooms Reactions More

Sri Indu
College of Engineering & Technology
UGC Autonomous Institution
Recognized under 2(F) & 12(B) of UGC Act 1956.
NAAC: Approved by AICTE & Permanently Affiliated to JNTUH

Sri R. Venkat Rao
Chairman

Sri R. Anup Chakravarthy
Secretary

Intellectual Property Rights (IPR) Cell
Organizes
PROTECTING YOUR INNOVATIONS THROUGH PATENTS

PROTECTION DESIGN PATENTS
LAW LEGISLATION INNOVATION
CREATIVITY IDEA
REGISTERED TRADEMARK
COPYRIGHT PATENT

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

Date: 22.05.2021 @ 2.00pm

Dr. Gayathri P K
Scientist C
ICMR - National Institute of Epidemiology, TNHB, Chennai

Coordinator
Dr. P. Mallesham
Dr. J. Martin Sahayaraj
Dr. P. S. Senthil Kumar

Convener
Prof.K.Ashok Babu
Prof & Head
SICET

Dr. G. Suresh
Principal

Zoom Meeting

Recording... LIVE on Facebook

Participants (470)

Find a participant

- Dr K GURNACHA GUPTA
- Ravinder
- sandhya priya
- Senthil Kumar
- subash

Invite Mute All

Chat

ms/d/1Zq/WHZQ57X...
1cdQnd47sq...
nVCO0wZf90ZWfowED1YU/g...
ditZusp=3h0ng

From Me to Everyone:
participants are requested to fill the feedback form

To: Everyone

Type here to search

3:14 PM 5/22/2021



This is to certify that

Dr. N.C.Sendhilkumar

of

Sri Indu College of Engineering and Technology, Telangana

**has undergone Innovation Ambassador training (Foundation Level)
conducted by MoE's Innovation Cell & AICTE during the period from
30th June - 30th July 2021 in online mode.**

Prof. Anil D. Sahasrabudhe
Chairman, AICTE

Dr. Abhay Jere
CIO, MoE's, Innovation Cell

Date of Issue: 30-07-2021

E-certificate No : 4449



This is to certify that

Dr.G.Suresh

of

Sri Indu College of Engineering and Technology, Telangana

**has undergone Innovation Ambassador training (Advanced Level)
conducted by MoE's Innovation Cell & AICTE during the period from
30th June - 30th July 2021 in online mode.**

Prof. Anil D. Sahasrabudhe
Chairman, AICTE

Dr. Abhay Jere
CIO, MoE's, Innovation Cell

Date of Issue: 30-07-2021

E-certificate No : 952



This is to certify that

Dr.C.Veeramani

of

Sri Indu College of Engineering and Technology, Telangana

**has undergone Innovation Ambassador training (Foundation Level)
conducted by MoE's Innovation Cell & AICTE during the period from
30th June - 30th July 2021 in online mode.**

Prof.Anil D.Sahasrabudhe
Chairman, AICTE

Dr. Abhay Jere
CIO, MoE's, Innovation Cell

Date of Issue: 30-07-2021

E-certificate No : 9608



This is to certify that

RAKESH SHARAN.Jonnakuti

of

Sri Indu College of Engineering and Technology, Telangana

has undergone Innovation Ambassador training (Foundation Level)
conducted by MoE's Innovation Cell & AICTE during the period from
30th June - 30th July 2021 in online mode.

Prof. Anil D. Sahasrabudhe
Chairman, AICTE

Dr. Abhay Jere
CIO, MoE's, Innovation Cell

Date of Issue: 30-07-2021

E-certificate No : 4455



This is to certify that

EASARI PARUSHARAMU

of

Sri Indu College of Engineering and Technology, Telangana

**has undergone Innovation Ambassador training (Foundation Level)
conducted by MoE's Innovation Cell & AICTE during the period from
30th June - 30th July 2021 in online mode.**

Prof. Anil D. Sahasrabudhe
Chairman, AICTE

Dr. Abhay Jere
CIO, MoE's, Innovation Cell

Date of Issue: 30-07-2021

E-certificate No : 4453



This is to certify that

Dr. A. Naga Malleshwar Rao

of

Sri Indu College of Engineering and Technology, Telangana

**has undergone Innovation Ambassador training (Foundation Level)
conducted by MoE's Innovation Cell & AICTE during the period from
30th June - 30th July 2021 in online mode.**

Prof. Anil D. Sahasrabudhe
Chairman, AICTE

Dr. Abhay Jere
CIO, MoE's, Innovation Cell

Date of Issue: 30-07-2021

E-certificate No : 9360



This is to certify that

Dr. Joseph Prabhakar Williams

of

Sri Indu College of Engineering and Technology, Telangana

**has undergone Innovation Ambassador training (Foundation Level)
conducted by MoE's Innovation Cell & AICTE during the period from
30th June - 30th July 2021 in online mode.**

Prof. Anil D. Sahasrabudhe
Chairman, AICTE

Dr. Abhay Jere
CIO, MoE's, Innovation Cell

Date of Issue: 30-07-2021

E-certificate No : 5370



This is to certify that

Dr. T. KUMARESAN

of

Sri Indu College of Engineering and Technology, Telangana

**has undergone Innovation Ambassador training (Foundation Level)
conducted by MoE's Innovation Cell & AICTE during the period from
30th June - 30th July 2021 in online mode.**

Prof. Anil D. Sahasrabudhe
Chairman, AICTE

Dr. Abhay Jere
CIO, MoE's, Innovation Cell

Date of Issue: 30-07-2021

E-certificate No : 4452



This is to certify that

Dr. N.Sadhasivam

of

Sri Indu College of Engineering and Technology, Telangana

**has undergone Innovation Ambassador training (Foundation Level)
conducted by MoE's Innovation Cell & AICTE during the period from
30th June - 30th July 2021 in online mode.**

Prof. Anil D. Sahasrabudhe
Chairman, AICTE

Dr. Abhay Jere
CIO, MoE's, Innovation Cell

Date of Issue: 30-07-2021

E-certificate No : 4454



This is to certify that

Dr.Sampath Korra

of

Sri Indu College of Engineering and Technology, Telangana

**has undergone Innovation Ambassador training (Foundation Level)
conducted by MoE's Innovation Cell & AICTE during the period from
30th June - 30th July 2021 in online mode.**

Prof.Anil D.Sahasrabudhe
Chairman, AICTE

Dr. Abhay Jere
CIO, MoE's, Innovation Cell

Date of Issue: 30-07-2021

E-certificate No : 4457