CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY
An Autonomous Institute | Affiliated to Osmania University
Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075. www.cbit.ac.in
Approved by | Affiliated to | UGC Autonomous | 12 Programs Accredited by NBA | Grade A++ in NAAC | All India Ranking 151-200 Band nirf | Certified by ISO 21001:2018

COMMITTED TO RESEARCH, INNOVATION AND EDUCATION

47 years

Incubation & Innovation Annual Report 2024-25

Dr. Umakanta Choudhury,
Professor, and Advisor, I&I,
CBIT

Annual Report 2024-25
Chaitanya Bharathi Institute of Technology

MoE's INNOVATION CELL (GOVERNMENT OF INDIA)

INSTITUTION'S INNOVATION COUNCIL

About IIC Institute (CBIT)

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, established in the Year 1979, esteemed as the Premier Engineering Institute in the States of Telangana and Andhra Pradesh, was promoted by a Group of Visionaries from varied Professions of Engineering, Medical, Legal and Management, with an Objective to facilitate the Best Engineering and Management Education to the Students and contribute towards meeting the need of Skilled and Technically conversant Engineers and Management Professionals, for the Country that embarked on an Economic Growth Plan.

The Institute, committed to Education and Innovation, started with three-Degree Courses in Engineering for 200 Students and over the 46 Years, has emerged as a Dream Destination for; Students seeking to excel in Engineering and Management Education, Teaching Community to progress with a rewarding Career and Corporates to source well-rounded Engineers. Stringent Academic Standards, Industry compliant Teaching Methodology, Research Projects from Private and Public Sector Industries in Engineering and Management and Consultancy Practice, enabled the Institute to establish its Identity in the Technical Education and is Ranked No. 1 amongst the Private Engineering Colleges in both the Telugu Speaking States.

The Practices and the Culture at the Institute has always been to provide Quality Education by enhancing the overall Educational experience of Students adopting a wide range of Academic, Practical, Co-Curricular, Extra-Curricular Programs in the State-of-the-Art Facilities, Services and Activities to enable the required exposure to a variety of Social, Cultural, Intellectual, Recreational Opportunities and Challenges. Such learning experiences have enriched the lives of Students and helped them to develop into a Multi-Skilled and Multi -Tasking Personalities that ensured success in their Careers and Occupations. Co-curricular and Extra-Curricular activities are planned and executed through a number of Associations, Clubs, Societies, Students' Chapters of Professional Bodies, with a view to allow the Students, the necessary freedom to plan and execute every effort and in the process nurture them to be the future Leaders who learn to address Challenges and carve a path of Success.

Director - Innovation & Incubation
R&E Hub, CBIT(A)
Gandipet, Hyderabad-500075

In its Four Decades of existence, all the Stake Holders of the Institute, relentlessly endeavored to position CBIT as an Institution that is a Leader and an Innovator in the Ecosystem of Engineering Higher Education. With the Students being the singular Objective, the Institute has established excellent Infrastructure such as State-of – the Art Laboratories, spacious Library with Printed and Digital Collection of Books and Journals, Sports, Hostel, and other Infrastructure for Extra and Co-Curricular Engagements with a total Built-up Area of about 57,714 Sq. Mts., in the serene Ambience of 50 Acres to inspire, encourage and pursue Academics. In its relentless strive for Academic excellence, CBIT has scaled great heights both Nationally and Internationally in Industry and Global Universities.

The institute has established a state-of-the-art Research & Entrepreneurship Hub with all modern technical facilities to make a significant mark in 'Make in India' concept of Indian Government and engage with Industries and Academia with multidisciplinary research projects. The research and consultancy activities in the diverse areas are guided by Research Advisory committee (RAC) and Department Research Committee (DRC). Five departments are recognized as research centers under its affiliating Osmania University. Institute received Research Grants to the tune of Rs. 503.4 Lakhs. The R&E Hub has also established three important cells namely Start-up cell, IPR cell and MSME Incubation Centre. The Institute has created an Innovation and Entrepreneurship Eco system for innovations, start-ups, MSMEs, Rural Innovators etc. A total of 80 plus programs were conducted with the themes based on Innovation, Incubation, Entrepreneurship, IPRs, emerging areas etc. every year. More than 700 students certified by Energy Swaraj Foundation (ESF) for the Design of Home Solar System.

Establishment of the prestigious AICTE-Idea Lab at CBIT with Drones, Robotics, Digital Fabrication and other relevant equipment is under progress. A total of 173 IPRs have been filed and published, subsequently 24 patents have been granted. Institute established Atal Community Innovation Centre (ACIC) which provides requisite infrastructure for innovation in the unserved/underserved regions. A total of 28 Start-ups/Idea Incubations are being mentored for their Idea Incubation and product development. The Institute has collaborated and signed 56 MoUs to expose its students for Industrial Experience and to improve their Emotional Intelligence. Facilitated by CBIT, 1500 Plus students and faculty participated in collaborative activities undertaken for internships/training/project work with industry (resulting in employability skills) and by the faculties with collaborative research resulting in publication etc. An amount of Rs. 79 Lakhs is generated through Consultancy projects and Training activities. A total of 1256 Technical Papers and 402 Book Chapters were published and the h-Index stood at 18 for Scopus and 15 for Web of Science. The institute conducted 172 diverse and holistic Community Outreach Programs including NSS activities and addressed various issues faced by

T. Choudhary

Director - Incubation & Innovation
R&E Hub, CBIT(A)
Gandipet, Hyderabad-500075

the community with counselling, support and direction.

1. **Vision / Mission of IIC established at the Institute**

Vision Statement

Facilitate Idea Generation, Pre-Incubation, Incubation, and Human Resource development followed by Start-ups and Businesses accelerated by Creativity, innovation, Entrepreneurship, and IPR to benefit Students, faculties, and other innovators with a knowledge base as the main driver.

Mission Statement

- Provide a dynamic, vibrant ecosystem for the Students, Faculties, and Entrepreneurs, start-ups with a focus on to develop new technology and process.
- Foster creativity and innovation to promote entrepreneurship and enhance socio-economic and cultural development by providing inputs through Lecture Sessions and Visits to Industry.
- Focus on methods and systems like AI and ML for enhancing access to healthcare, agriculture & farming, sustainable environment, and Industrial technological development.
- Promote innovation in the Higher Educational Institution by establishing and streamlining innovation and start-up ecosystem at the institutional level.
- Alignment with the Proposed NISP, MSME, and ACIC Objectives.

The journey of IIC established at the Institute

Strategy/Objective for Improving Innovation, Incubation, and Entrepreneurship Ecosystem at SIH.

1. Strengthening the Innovation and Startup Ecosystem: Foster a dynamic and supportive environment for innovation, incubation, and startups through the Institution Innovation Council (IIC) by organizing frequent sessions focused on ideation, idea-to-prototype development, business model development, design thinking etc. and cultivating an entrepreneurial mindset. Facilitate innovation challenges, mentorship programs, and comprehensive support for all student-led startup initiatives, ensuring seamless progression from concept to commercialization.

2. Integrating Entrepreneurship into the Curriculum: Embed entrepreneurship education across all disciplines with a strong emphasis on experiential and project-based learning. Encourage hands-on experience through startup boot camps, internships through AICTE IDEA Lab, Industry and with startups, and real-world problem-solving projects.

3. Strengthening Industry-Academia Collaborations: Foster strategic partnerships with industry leaders, MSMEs, and Incubation centers to provide students with exposure to real-world

challenges, access to industry resources, and opportunities for joint research and commercialization.

4. Encouraging Interdisciplinary Innovation and Idea to Prototype: Promote cross-disciplinary collaboration, Internship through innovation labs like IDEA Lab, hackathons, and co-working spaces where students from various disciplines can collaborate. Encourage faculty and students to work on patentable ideas, product development with seed funding and facilitate IPR awareness workshops and filing.

5. Addressing Sustainable Development Goals (SDGs) Promoting Social Entrepreneurship: Align innovation and entrepreneurship activities with UN Sustainable Development Goals (SDGs) and encourage students and faculty to develop solutions addressing critical SDGs, social and environmental challenges.

The objectives/Action Plan of the IIC at CBIT are as follows.

- To promote and motivate students, faculty, and Entrepreneurs for the development of new technology/ knowledge/ innovation-based product and processes.
- To promote the design thinking process among the students and provide a platform for the speedy development of technology
- To establish a single window for Pre-Incubation and Idea Incubation. Provide comprehensive web-based information and basic advice.
- To enhance the domain knowledge/skills/Training to think differently for developing innovative products/services
- Activities for the promotion of traditional knowledge have to be conducted with the holders of such knowledge and product development.
- To build a vibrant ecosystem, by establishing a network between academia, MSMEs, and Govt/PSUs for spreading the entrepreneurship culture amongst the people.
- To promote innovation in the Institution through multitudinous modes leading to an innovation promotion eco-system in the campuses, building and streamlining innovation and start-up ecosystem at the institutional level.

2. Journey of IIC established at the Institute

CBIT: Integrating the Innovation Engine with the Sustainability Catalyst

Higher Educational Institutions are uniquely positioned to act as both an 'engine' for innovation and a 'catalyst' for sustainable development. This dual role is most effectively realized through deep engagement within innovation ecosystems. By observing and learning from nature, we can discover innovative solutions to complex human challenges. At the Chaitanya Bharathi Institute

of Technology (CBIT), this philosophy is brought to life through a dynamic and multi-faceted strategy designed to foster a vibrant culture of creation and entrepreneurship.

At CBIT, significant strides have been made to advance innovation and research. This includes the establishment of a state-of-the-art, multi-crore facility equipped with cutting-edge technical resources, underscoring the institution's commitment to fostering innovation and driving impactful research initiatives.

The Innovation and Incubation Cell (IIC) spearheads over 80 programs focused on innovation, incubation, entrepreneurship, startups, and intellectual property rights (IPR). These initiatives are designed to nurture a culture of innovation among students by engaging them in ideation, problem-solving, proof of concept development, design thinking, and IPR management. This commitment highlights CBIT's dedication to cultivating a thriving ecosystem for innovation and entrepreneurship.

CBIT's MSME Incubation Center plays a vital role in supporting ideas from professionals, students, and the local community, facilitating entrepreneurial ventures within a structured framework. Two faculty-initiated proposals have secured MSME funding, reflecting CBIT's drive to fuel innovative projects. Collaborations with esteemed institutions like BITS Pilani, Hyderabad Campus, create opportunities for student projects, with select candidates eligible for direct PhD admissions. Additionally, partnerships with TiE Hyderabad, T-Hub, RICH Hyderabad, OTBI Osmania University, and others enhance students' entrepreneurial skills through training programs, certifications, and skill development initiatives.

CBIT's Incubation Center actively mentors startups and idea incubations while hosting various programs to instill an innovation-driven mindset among students.

A Foundation for Innovation: Infrastructure and Incubation

To empower innovation and research, CBIT has established a state-of-the-art, multi-crore facility equipped with modern technical resources. This commitment is further strengthened by several key incubators and labs:

- **AICTE Idea Lab:** Established with a funding of ₹95 Lakhs, this lab provides advanced facilities in digital printing, drone & robotics, and prototype manufacturing, enabling students to transform abstract ideas into tangible prototypes. CBIT is also proud to establish the prestigious AICTE IDEA Lab, which is currently in progress, providing essential resources for idea incubation and prototyping. Existing facilities, such as the Drone and Robotics Lab and the Digital Manufacturing Lab, support students in transforming ideas into prototypes. Moreover, school students are mentored in ideation and prototype development.
- **MSME Business Incubator (BI):** Founded in 2019, the BI nurtures ideas from students, the local community, and MSMEs. It has seen significant engagement through hackathons, with four idea projects approved for funding of ₹60 Lakhs by the MSME.

- **Atal Community Innovation Centre (ACIC):** Co-funded by NITI Aayog's Atal Innovation Mission, the ACIC-CBIT focuses on serving underserved regions. It provides a maker's space and infrastructure to solve community-centric problems, mentoring 28 start-ups and idea incubations.

A Proven Track Record of Excellence and Impact

CBIT's systematic approach has garnered national recognition and produced measurable outcomes:

- **National Rankings & Accolades:**
  - Consistently awarded a **4-Star rating** for the last four years by the Ministry of Education's Innovation Council (MIC).
  - Ranked in the "**EXCELLENT**" band in the ATAL Ranking (ARIIA) 2021 and in the **101-150** band in the NIRF Innovation Ranking (2021-22).
  - Achieved **1st Position** in the I&E Ecosystem Journey at the IIC Regional Meet (2022) and **2nd Position** the following year.

- **Tangible Intellectual Property & Start-up Growth:**
  - **173 IPRs** (Patents and Copyrights) filed and **published**, with **24 patents granted**. Several of these stem from student project work.
  - **28 start-ups** are currently being mentored, with four having already filed and published their own patents.

Cultivating an Entrepreneurial Mindset: The Institution's Innovation Council (IIC)

The heart of CBIT's innovation culture is its **Institution's Innovation Council (IIC)**, which has successfully institutionalized creative thinking and entrepreneurship. The IIC has:

- Conducted **75+ programs** on innovation, incubation, entrepreneurship, and IPR.
- Engaged a large number of students and faculty in activities like ideation, design thinking, and proof-of-concept development.
- Nominated 60 students for T-Hub's **T-Tribe Launchpad** program, all of whom received certifications in entrepreneurship.
- Conducted AI skill Development program for Innovation and Entrepreneurship/Start-ups.

Through this integrated network of infrastructure, incubation, and recognized achievement, CBIT empowers its students and faculty to not only become skilled engineers but also to emerge as the innovative problem-solvers and sustainable entrepreneurs of tomorrow.

A strong student and alumni network to support ideation

Alumni are the strongest representation of CBIT in the outside world. The CBIT Alumni is a family of more than 30,000 Alumni, many of them are doing extremely well in their respective fields and also contributing to the growth of our institute with their support and expertise. The Alumni Relations Team engages in various initiatives to connect with the alumni at various platforms such as -

- ✔ **Mentorship Programs**: Building a strong mentor connection between alumni and interns to help the interns in the organizations.
- ✔ **Alumni connect drives**: Connecting with alumni during various drives and taking their feedback to grow further.
- ✔ **Guest Lectures:** Inviting industry experts to share knowledge with students.
- ✔ **Alumni Meets**: Hosting meets to develop strong bond with them.
- ✔ **Homecoming** - Alumni from different batches come back to college for two days to relive those moments and memories.

The Innovation and Entrepreneurial Ecosystem established at CBIT and the Initiatives taken in this direction by CBIT will help the innovative students to convert their creative idea to a product with innovative technology that can be patented and further commercialized. The opportunity and the ecosystem created by CBIT will also help the students to develop competencies which will be very useful regardless of their career choice.

Role	Name	Email	Contact	Organization	Member	Experience	Qualification
Members	Dr. A. Venugopal Rao	venugopal@dmrl.drdo.in	9908714567	DMRL	Expert from nearby Industry/Industry association/ Ecosystem Enablers	34	Doctorate
Members	Mr. Phani Pattamatta	ed@hehyderabad.org	9000281338	The Indus Entrepreneurs (TIE)	Start up/ Alumni Entrepreneur	26	Post Graduate
Members	Mr. Venkata Rama Rao Adhikari	venkatramaro.adhikari@gmail.com	8220260777	AIPC	Patent expert	16	Post Graduate
Members	Dr. Shanta Thoutam	shanta1@t-hub.co	9366657034	T-Hub	Incubation Centre	8	Doctorate
Members	Ms. Suramya Chennojwala	suramya09@gmail.com	8008503273	ICICI Bank Ltd.	Bank/Investor	10	Post Graduate

Diversified representation in the IIC established at the institute from industry, interdisciplinary departments/ Units etc. External members.

MoUs with Industries and Other Institutions.

I&E Related MoUs for the last two years are uploaded with the following link for information. Students carry out internships, Projects, and Training in emerging areas with Industries.

Active MoU List till the date (Oct-25)

https://docs.google.com/spreadsheets/d/1VEqosd4Rg50w--q_6ny4_UAHqXLrHLii/edit?usp=sharing&ouid=115417012015807940270&rtpof=true&sd=true

(MoU Jan 2023- Dec24)

https://docs.google.com/spreadsheets/d/1lHjxRg2tXx_UU06TxWn9ZvSc90loL95F/edit?usp=sharing&ouid=115417012015807940270&rtpof=true&sd=true

(MoU 2021- Dec22)

https://www.cbit.ac.in/wp-content/uploads/2022/12/3.7.2-MOUs-for-2021-22.pdf

(MoU 2020-21)

https://www.cbit.ac.in/wp-content/uploads/2022/12/3.7.2-MOUs-for-2020-21.pdf

Brief mention of key functionaries at the IIC Institute

- **President**
- **Vice President**
- **Convener**
- **Memeber**
- **Coordinators etc.**

Institute Innovation Council Members (22-23)

Sl.. No.	Name of the Member	Designation	Key Role/ Position assigned in IIC
1.	Dr. P. Ravinder Reddy	Principal, CBIT	President, IIC, CBIT
2.	Dr. Umakanta Choudhury	Teaching, Advisor(I&I) Also from Industry	Vice-President/Convener
3	Dr.N. V. Koteswara Rao	Teaching, Director(IQAC)	Member,
4	Dr. A.D. Sarma,	Teaching, Advisor(R&D)	Member, Advisor
4.	Dr. N.L.N. Reddy	Teaching, Advisor(CDC)	Member
5.	Dr. NarahariSastry	Teaching, Prof., ECE	Member, NISP Coordinator
6	Dr. K. Ramakrishna	Teaching, Prof., IT	Member
7.	Dr. Y. Rajasri	Teaching, Assc. Prof, BioTech	Member
8.	Dr.Sangeeta Gupta	Teaching, Asst. Prof., CSE	Member

9.	Dr. GNR Prasad	Teaching, Asst. Prof, MCA	Member
10.	Mrs. V. Sandhya	Teaching, Asst. Prof, MED	Member, EDC cell
11	Mrs. M. Sangeetha	Teaching, Asst. Prof. SMS	Member

IIC Committee for 2023-24(recently Constituted

S.no	Name
1	*Prof. C.V. Narasimhulu, Principal, President , IIC*
2	*Prof. P. Ravinder Reddy, I/c-Director-HRE Member And Vice-President*
3	*Prof. N.V. Koteswara Rao, Director- IQAC Member*
4	*Prof. D. Krishna Reddy, Director-R&D Member*
5	*Dr. N.L.N. Reddy, Advisor-CDC Member*
6	*Prof. P. NarahariSastry, ECE Member*
7	*Prof. C. Ravikumar Reddy,CIVIL Member*
8	*Dr. Y. Rajasri, Assoc. Prof.,BioTech*
9	*Dr. T. Chaitanya SriKrishna, Asst. Professor, Civil Engg.*
10	*Dr. R. Prasanna Rani, Asst. Professor, Chemical Engg.*
11	*Dr. P. Srilatha, Assoc. Professor, AI&DS Member*
12	*Mrs. T. Ramya, Asst.Prof., AI&ML Member*
13	*Dr. G. Jaya Rao, Asst. Prof., CE&T Member*
14	*Dr. G. N. R. Prasad, Asst. Prof., MCA Member*
15	*Mrs. V. Sandhya, Asst. Prof., MechEngg Member*
16	*Mrs. M. Sangeetha, Asst. Prof., SMS Member*
17	*Prof. Umakanta Choudhury, Prof. & Advisor-I&I, Convener, IIC*

A. Portfolio/graphical/Tabular representation of Resource strength (human capital and Physical capital) of the IIC institution
   - Total No. of IIC Members 17
   - Total No. of IAs 37
   - Total No. of faculty Mentors From Portal: 50

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

- **Pre-Incubation Units, If any**

S.no.	Pre-incubation Unit
1	IT - IoT Lab
2	IT - BDA Lab
3	Robotics Process Automation Lab
4	Automotive Design and Fabrication Center
5	Artificial Heart Innovation Center

6	AI based Transformer Monitoring System
7	CBIT – Kernel Sphere IoT Center – GPS Tracking
8	CBIT – MSME Incubation Center – IMRC
9	CBIT – Cyber Security Center of Excellence
10	CBIT – Entrepreneurship Development Cell
11	CBIT – Zoom Technologies – AI ML and Cyber Security
12	CBIT-CAREs renewable Centre for Solar PV System

- **Incubation Units, If any**

S.no.	Incubation Unit
1	MSME Incubation Centre
2	ACIC-CBIT Innovation Centre
3	CBIT-AI Transformer Project
4	CBIT - Digintrude Cyber Security SOC Center
5	AICTE IDEA Lab

The institute has a total of 50 student clubs which facilitate the participation of students in various events. A good number of students brought laurels to the institute through their excellence. It has a unique practice of nominating the most meritorious students as the members of students' council. They are involved in various institute-level committees and honed to become good leaders.

B. Highlight Achievements (Narrative/Graphical/tabular representation)
   - Number and Different types of I&E and IPR activities Conducted :50
   - No. of student's &faculty ideas generated :79
   - No. of student's & faculty Innovation/prototypes developed: 39

I&E related Courses offered Link:
https://drive.google.com/file/d/18lLBQdEAngJkIs5n2yKiogoT3aNdf0de/view?usp=drive_link

No. **of IPs generated, published, and granted: 173 Published, 24 Granted, 13 Copyrights**. List of Patents Granted, Published, and List of Copyrights.
Link for Details of Patents.

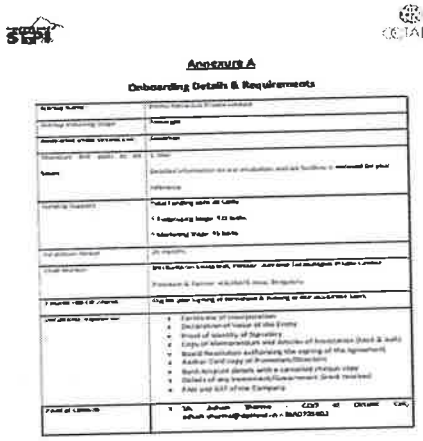
https://docs.google.com/spreadsheets/d/1ELNXpsiHsk46mBlU3RrcuOEAZkK_aYy3/edit?usp=sharing&ouid=115417012015807940270&rtpof=true&sd=true

- No. of Student and faculty Start-ups/Ventures established. **Four**
- Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus: **Rs 90 Lakhs**.
- Amount grant or fund supported to student and faculty lead Innovations, start-ups, and IPR:**Rs 8 lakhs**
- No. of Technology Transfer and Commercialization happened-**One**

- No of Ideas submitted for MSME Hackathon 3.0.: **43 Nos.**
- Funding received for new Ideas **Rs 30 Lakhs (25.5Lkahs from MSME and Rs 4.5 Lakhs from CBIT)**

C. **Highlight few best IIC Faculty/Student members and their achievements/ Rewarded for their innovations at different forums[Profile of few faculties with 2-3 line of their achievements]**

Development of an innovative Grain dryer and dust separator for farmers.



Annexure A

Onboarding Details & Requirements

Fwd: Selected under Grant -MeitY TIDE 2.0 Scheme of AIC ALEAP WEHUB

Rs 38,000/= funding by CBIT for POC development, Funding of Rs 7 Lakhs Seed Funding from ALEEP, Hyderabad for prototype development and Rs 20 Lakhs funding for further scaling up against Diluting Equity from Astro Technology Pvt. Limited.

SETH GHASIRAM GOPIKISHAN BADRUKA EDUCATIONAL SOCIETY

Bankatlal Badruka College for Information Technology

(Affiliated to Osmania University)

Kachiguda, Hyderabad - 500 027

Certificate of Participation

Congratulations & Thank you for participating in our Vibe code Hackathon-EDUTHON

This certificate is presented to

Hello World team, CBIT, 1st Position

On 16th September,2025 for active participation and innovative contributions during this event.

Sri Sridshan Badruka, Secretary, SGGBES

Prof. Abhirama Krishna, Director General, SGGBES

Dr. DVNS Murthy, Director, BBCIT

Mr. Bala Poddigari, Governing Body Member, BBCIT

Mr. Pankaj Dipani, Management Committee Member, BBCIT

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

Sonic Aitertec Systems. Start-up SDG-9, Industry, Innovation and Infrastructure (Sl No-27) Mr. UdayBhaskar with the developed model. Model-1 Commercialized. Model-2 with improvements being worked out.

Inventor:Start-up Mr. UdayBhaskar, MSME Start-up, Sonic Airtek Pneumatic conveyors.Mentor: Dr U.K Choudhury, Prof.&Advisor(I&I) CBIT

E. Highlight selected start-ups established by students/fa on of founder/cofounder name

SONIC AIRTEK
Pneumatic Conveyors

भारत सरकार
Government of India
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
Ministry of Micro, Small and Medium Enterprises

UDYAM REGISTRATION CERTIFICATE

UDYAM REGISTRATION NUMBER	**UDYAM-TS-09-0046483**
NAME OF ENTERPRISE	**CHAAYA**
TYPE OF ENTERPRISE *	**MICRO (Based on FY 2020-21)**
MAJOR ACTIVITY	**MANUFACTURING**
SOCIAL CATEGORY OF ENTREPRENEUR	**OBC**

NAME OF UNIT(S)

S.No.	Name of Unit(s)
1	Chaaya

OFFICAL ADDRESS OF ENTERPRISE

Flat/Door/Block No.	Flat No: 102, 678	Name of Premises/ Building	Sai Laxmi Residency
Village/Town	Prashant Nagar	Block	Vanasthalipuram
Road/Street/Lane	Road No:10	City	Hyderabad
State	TELANGANA	District	RANGA REDDI , Pin 500070
Mobile	9000356111	Email:	sreenivas.andoju@gmail.com

DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE **24/03/2012**

DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS **24/03/2012**

NATIONAL INDUSTRY CLASSIFICATION CODE(S)

SNo.	NIC 2 Digit	NIC 4 Digit	NIC 5 Digit	Activity
1	18 - Printing and reproduction of recorded media	1820 - Reproduction of recorded media	18200 - Reproduction of recorded media	Manufacturing

DATE OF UDYAM REGISTRATION 31/10/2022

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* In case of graduation (upw... benefit of the Government Schemes

सत्यमेव जयते

GOVERNMENT OF INDIA
MINISTRY OF CORPORATE AFFAIRS
Central Registration Centre

Certificate of Incorporation

[Pursuant to sub-section (2) of section 7 and sub-section (1) of section 8 of the Companies Act, 2013 (18 of 2013) and rule 18 of the Companies (Incorporation) Rules, 2014]

I hereby certify that CHHAAYA STORIES PRIVATE LIMITED is incorporated on this Twenty ninth day of December Two thousand twenty-two under the Companies Act, 2013 (18 of 2013) and that the company is limited by shares.

The Corporate Identity Number of the company is U92490TG2022PTC169793.

The Permanent Account Number (PAN) of the company is AAKCC7966N *

The Tax Deduction and Collection Account Number (TAN) of the company is HYDC13424F *

Given under my hand at Manesar this Twenty ninth day of December Two thousand twenty-two .

Digital Signature Certificate
PANKAJ SRIVASTAVA
DEPUTY REGISTRAR OF COMPANIES
For and on behalf of the Jurisdictional Registrar of Companies

NayanSaathi

World's First AI App for Visually Impaired

VISION THROUGH SOUND

NayanSaathi empowers visually impaired individuals by translating visual information into spoken descriptions. Through simple clicks and voice commands, users identify objects, read text, and navigate safely, enabling independent shopping, travel, and daily activities—creating autonomy, confidence, and expanded opportunities in education, employment, and social life. Various use cases of Nayansaathi are

1. Object identification and description
2. Intelligent Reading Assistance
3. Color and Currency description
4. Food and Medicine Identification
5. Navigation and Movement Guidance.
6. Learning and Skill Development
7. Safety Cautions
8. Environmental Description

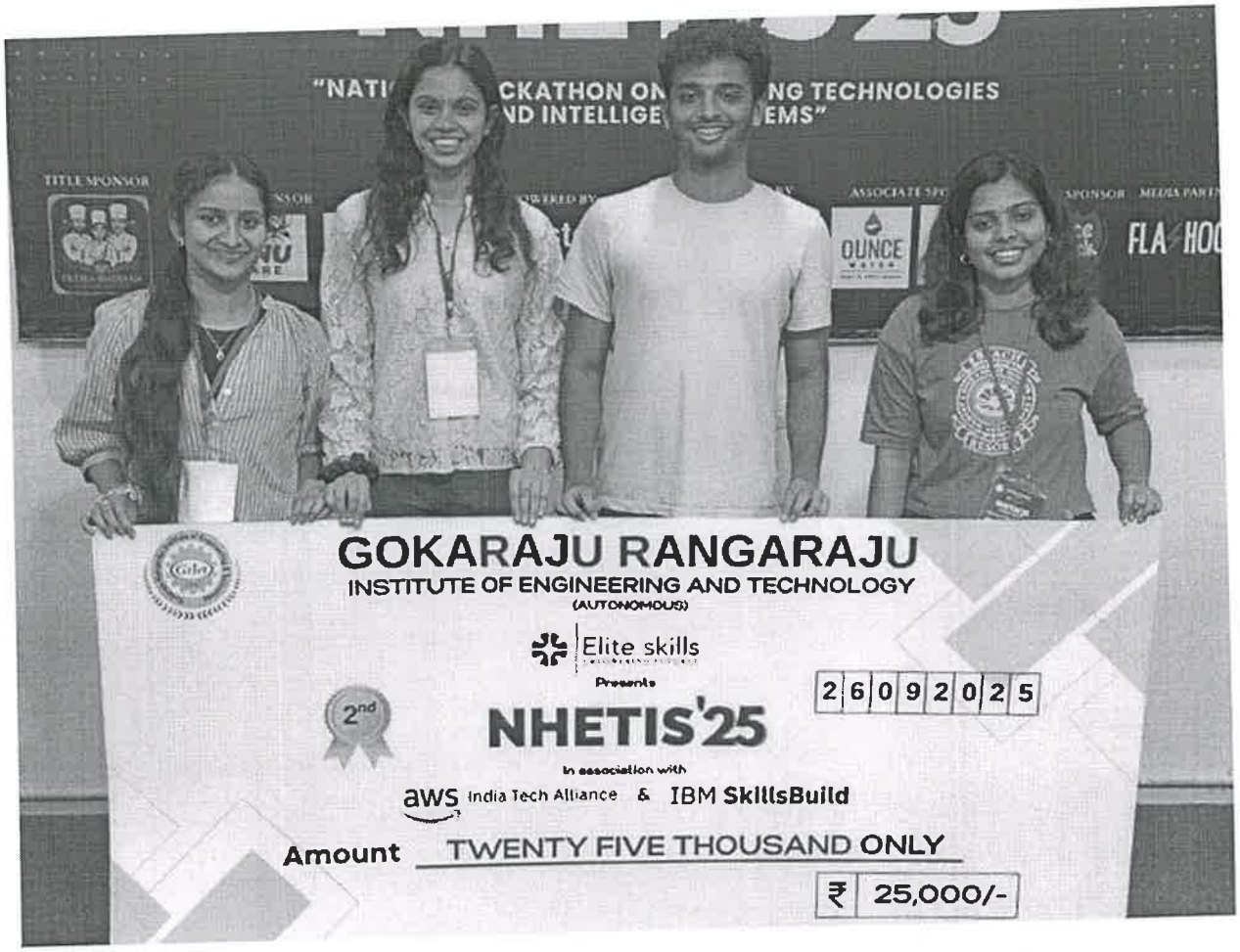
9. EVERYTHING UNDER THE SKY

CBIT got 2d prize Rs. 10K Recieved

TGIC Recognition for Nayaansathi

Team Bug Slayers from CBIT, who were sent to Delhi, secured 3rd place at the National-level "AI and Web3" HackIndia Hackathon 2025, winning a prize of ₹20,000. The students belong to the CSE group. Earlier, they had achieved 2nd place in the Regional-level Hackathon conducted at CBIT. Heartiest congratulations and best wishes to the team.

AIML dept is happy to share that our students won the NHETIS'25c – National Hackathon on Emerging Technologies and Intelligent Systems held at GRIET, Hyderabad with a cash prize of ₹25,000 for project SleepPeddlers, AI-powered assistant to generate clinical summaries from medical imaging results.



F. List if any break through Innovations / Technology Developed at the institute (2-3 technology with 2-3 lines about technology and innovation

Sonic Aitertec Systems. Start-up SDG-9, Industry, Innovation and Infrastructure (Sl No-27) Mr. UdayBhaskar with the developed model. Model-1 Commercialized. Model-2 with improvements being worked out.Transportation of materials like Wheat, Husk etc using a compressor and blowing cyclone system.

Nayan Sathi:

Grain Dryer

G. Participation of IIC-institute in various programs of Central and Stage Govt. Highlighting specially for the schemes or programs
   - ARIIA(NIRF-Innovation) – participation and Rank: 101-150
   - IIC Rating – 4 Star Rating for the last 4 years.

NIRF-Innovation Category: **Band of 101-150 in 2023**.

Ministry of Education

MoE's INNOVATION CELL

INSTITUTION'S INNOVATION COUNCIL

CERTIFICATE

Institution's Innovation Council (IIC) established at

Chaitanya Bharathi Institute of Technology , HYDERABAD

had undertaken various activities prescribed by Innovation Cell, Ministry of Education, Govt. of India to promote Innovation and Start-up in campus during the IIC calendar year 2022-23.

Prof. TG Sitharam
Chairman
Aicte

Dr. Abhay Jere
Chief Innovation Officer
MOE, Innovation Cell

Mr. Dipan Sahu
Assistant Innovation Director
MOE, Innovation Cell

Certificate No : 383

Issued On 2023-11-16

Ministry of Education
Government of India

nirf

Certificate

NATIONAL INSTITUTIONAL RANKING FRAMEWORK

INDIA RANKINGS 2023

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

Positioned in the Band of 101-150 in the Innovation Category

CHAIRMAN AICTE

CHAIRMAN MHRD

MEMBER SECRETARY MHRD

NISP Adoption status - Trained Faculty, Policy Formulation, Policy Implementation: Yes, faculty trained, innovation/Incubation/Startup Policy formulated and is Implemented, all details and plans have been uploaded.

Website url: https://www.cbit.ac.in/research_post/nisp/ and https://www.cbit.ac.in/wp-content/uploads/2020/11/CBIT-Innovation-Inncubation-start-up-policy-28th-July-NISP-PDF.pdf

A list of Startups is uploaded in the enclosed Link.

https://drive.google.com/file/d/12LoxZ56EjHoCM8flh3Gm7n8-qhs7jLxL/view?usp=drive_link

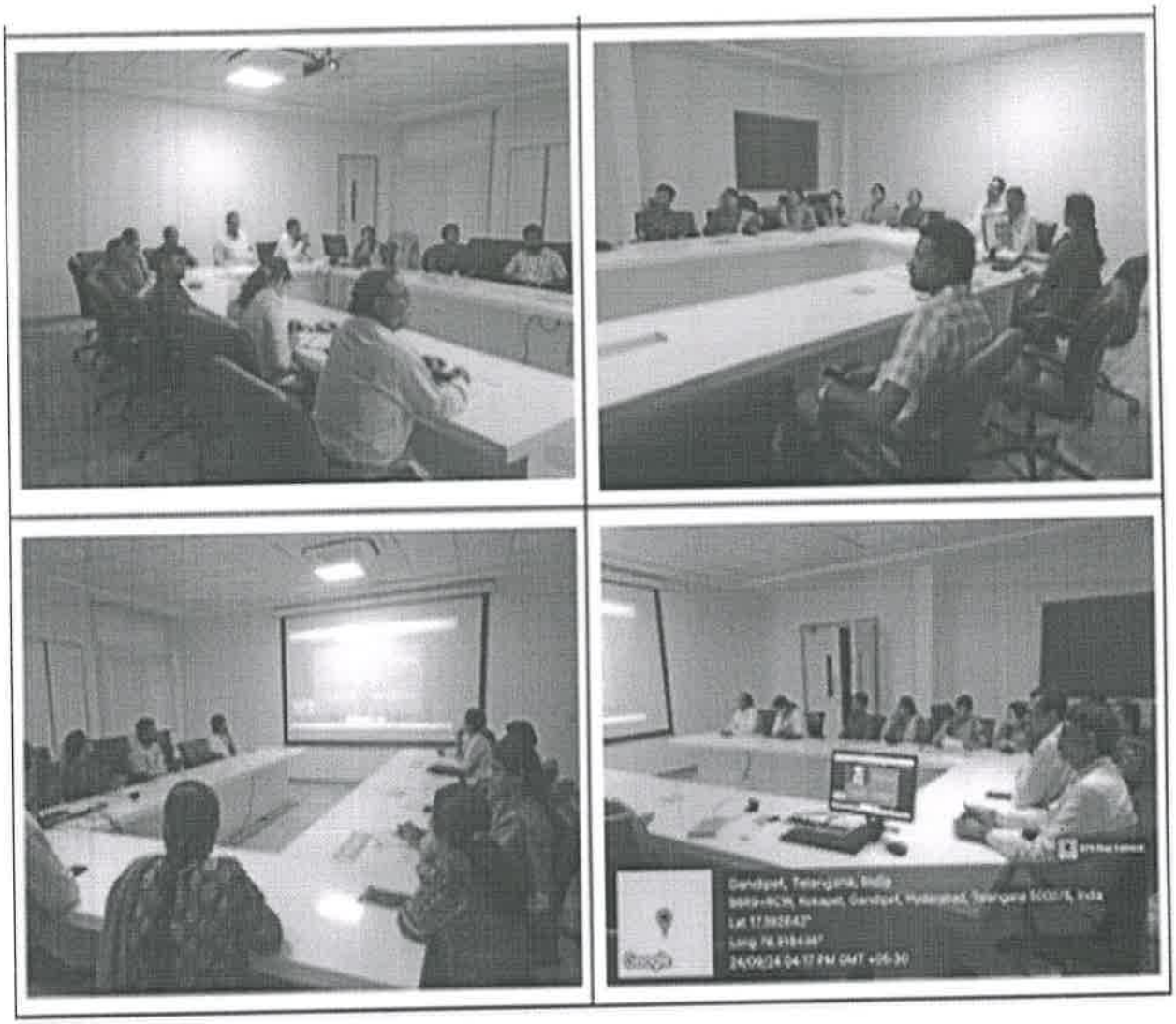
Smart India Hackathon and Ideathons.

CBIT's 3 teams having six members each were selected for final competition.
SIH Report is enclosed in the link.
Teams.https://docs.google.com/spreadsheets/d/1UC1NFv5DWgZ9Qixt_Lay6ZQiPFy07qak/edit?usp=sharing&ouid=113488607034339629221&rtpof=true&sd=true

H. **Detail of social media and connections of IIC institute**:
Face book Link: https://www.facebook.com/CBIT-IIC-318430625444849/
Instagram Link: https://instagram.com/cbitiic?igshid=1vzkmev2qq8n4
Twitter Link:
https://twitter.com/CbitCouncil?s=09

I. Testimonials from IIC members and external about IIC institute and IIC of MoE's Innovation Cell

IIC Meeting with members



a. Prof. C.V. Narasimhulu, Principal, CBIT, President, IIC, Expert in Research and Administration
b. Dr. P. Ravinder Reddy, Vice-President, IIC involved in artificial heart development and 4 granted patents and 6 published patents. Guided 24 PhDs.
c. Dr. U. K. Choudhary, Convenor, IIC. Ex ED, R&D and CTM, BHEL. He has 38 years of R&D, Technology transfer Experience in BHEL and has about 16 granted patents and 35 published patents.
d. Dr. N. L. N. Reddy, member, IIC involved in arranging internships in the industry
e. Dr. P. Prabhakar Reddy, Dr NarahariSastry, Dr Rajnikanth Member, IIC were the guest speakers for Entrepreneurship.

CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY (A)

No.CBIT/143-22/Admn./2023 Dt.31.07.2023

Reconstitution of
INSTITUTE INNOVATION CELL

The Institute Innovation Cell is reconstituted with the following members

1.	Prof. C.V. Narasimhulu, Principal	Chairman
2.	Prof. P. Ravinder Reddy, I/c-Director-HRE	Member
3.	Prof. N.V. Koteswara Rao, Director-IQAC	Member
4.	Prof. A. D. Sarma, Director-R&D	Member
5.	Dr. N.L.N. Reddy, Advisor-CDC	Member
6.	Prof. P. Narahari Sastry, ECE	Member
7.	Prof. K. Rama Krishna, IT	Member
8.	Dr. Y. Rajasri, Assoc. Prof., Biotechnology	Member
9.	Dr. T. Chaitanya Srikrishna, Asst. Professor, Civil Engg.	Member
10.	Dr. R. Prasanna Rani, Asst. Professor, Chemical Engg.	Member
11.	Dr. P. Satya Kiranmai, Asst. Professor, AI&DS	Member
12.	Mrs. T. Ramya, Asst. Prof., AI&ML	Member
13.	Dr. G. Jaya Rao, Asst. Prof., CE&T	Member
14.	Dr. G. N. R. Prasad, Asst. Professor, MCA	Member
15.	Mrs. V. Sandhya, Asst. Professor, Mech. Engg.	Member
16.	Mrs. M. Sangeetha, Asst. Professor, SMS	Member
17.	Prof. Umakanta Choudhury, Advisor-I&I	Convener

CBIT

Prof. C.V. NARASIMHULU
PRINCIPAL

To
All members of the Institute Innovation Cell, for information and necessary action.

C.C. to all the Advisors, Directors, Associate / Assistant Directors, Heads of the Departments, In-chrages of Sections, CoE, Head-HR, Librarian, Asst. Physical Director, PRO, for information and advised to circulate among all the staff under their control.

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

Sonic Aitertec Systems. Start-up SDG-9, Industry, Innovation and Infrastructure (Sl No-27) Mr. UdayBhaskar with the developed model. Model-1 Commercialized. Model-2 with improvements being worked out.Transportation of materials like Wheat, Husk etc using a compressor and blowing cyclone system.

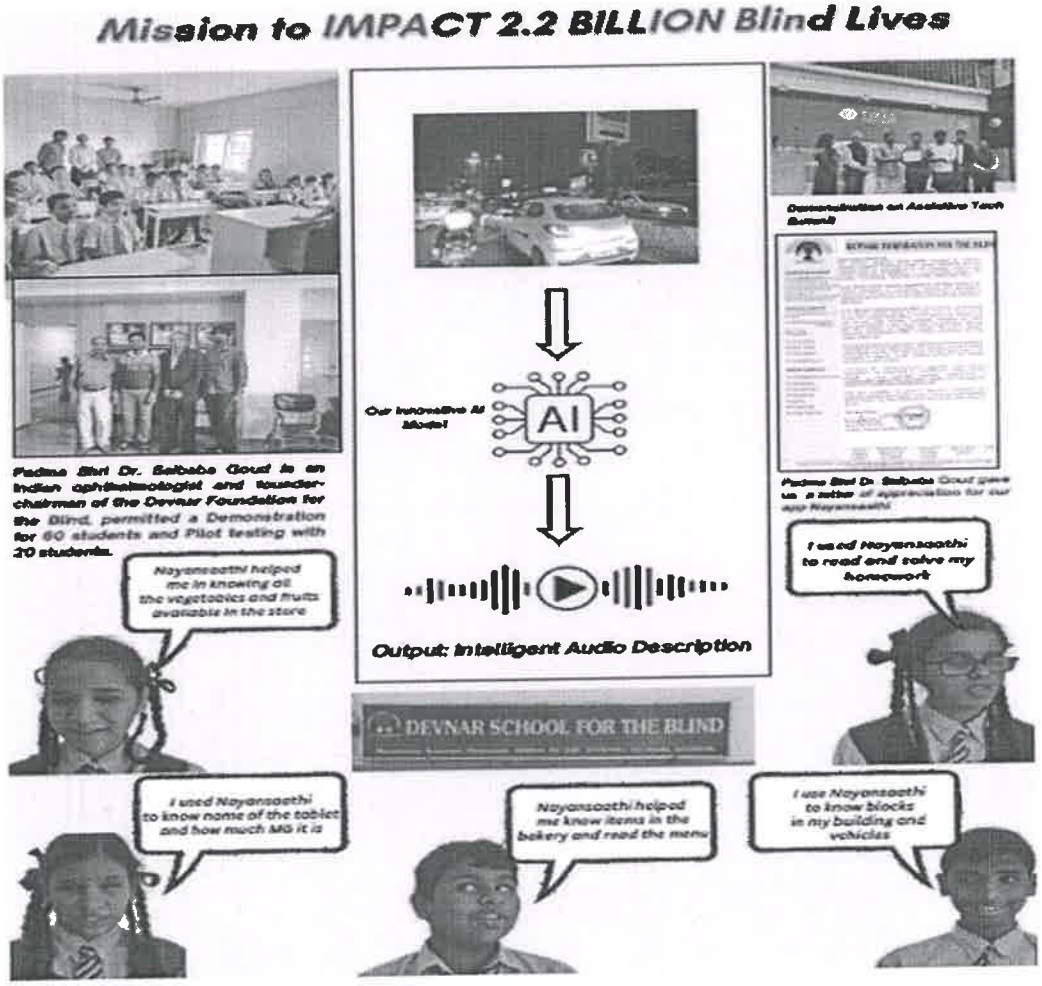
SONIC AIRTEK
Pneumatic Conveyors

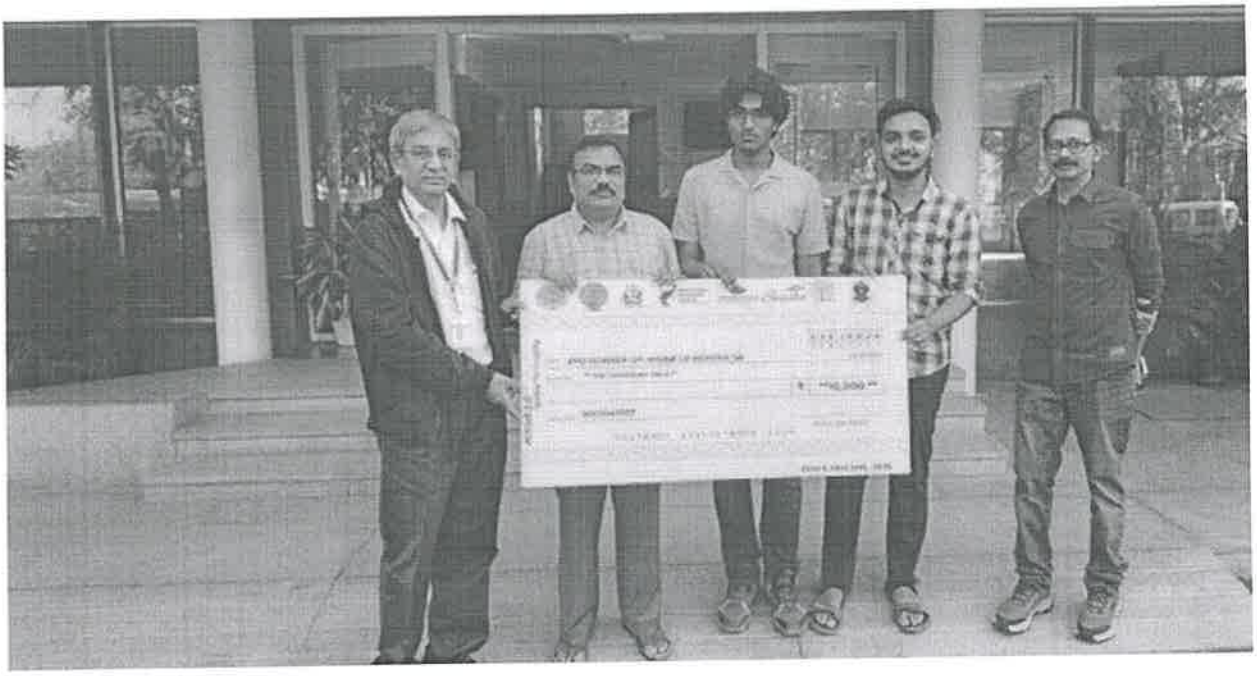
Mr. UdayBhaskar with the developed model. Model-1

The second Start-up 3D Labs India.

Mr. Sreenivas . P, Founder, 3D labs.With CBIT official while signing the MoU for Start-up Incubation.

"NayanSaathi is in the functional prototype stage, featuring real-time scene description, multilingual audio feedback, OCR reading, and interactive Q&A using a Vision Transformer-based model. Tested with 20 visually impaired students at Devnar School for the Blind, the system incorporated their feedback for improved usability, accuracy, and accessibility."





Mr. Sreenivas . P, Founder, 3D labs.Explaining the products.

The following Pics show Women Safety IOT based device which can be hidden in any accessory. Once the victim triggers the button in a distress situation, it shares the SOS and live location to the emergency contacts. As well asthe unique feature of our product is a real-time crime mapping tool to help the law enforcement department. The Team is led by a **woman Entrepreneur Ms. Yamini**. This was also demonstrated to The DIG Police in charge SHE Team, Hyderabad. Twitter snap enbclosed.

Sumathi IPS ✓
@SumathiIPS

"With technology we can achieve the unimaginable"

It was enriching to interact and guide the team of Women led start-up by @CBIThyd on Women Safety IoT based compact device.

A unique feature of the product is real time crime mapping tool to help the law enforcement.

Director - Incubation & Innovation
R&E Hub, CBIT(A)
Gandipet, Hyderabad-500075

Strategic Plan and achievements on Innovation, Incubation and Entrepreneurship:

To create a vibrant innovation ecosystem that nurtures entrepreneurship, supports start-ups, and fosters intellectual property development through innovation and incubation activities

Objectives, Action Plan, and Implementation Plan.: Achievements

"Level of Achievements" descriptions:

- ✓ **Level 1: Outstanding Achievement (Excellent Level)**
  Level 2: Commendable Achievement (Very Good Level)
  Level 3: Satisfactory Achievement (Good Level)

Objective-1	Action Plan Achievement
Foster a vibrant and supportive ecosystem for innovation, incubation, & entrepreneurship through the Institution's Innovation Council (IIC) by organizing workshops and innovation-related events. Track the number of events conducted & students benefited.	✓ **Level-1: 80 Nos. Events conducted, benefiting 7500 Plus students (Target 75 Events)** • Level-2: 65 Nos. Events will be conducted, benefiting 6500 students. • Level-3: 60 events will be conducted, benefiting 6000 students.

Objective-2	Action Plan Achievement
Conduct awareness sessions to motivate faculty and students to file Intellectual Property Rights (IPRs). Target: Increase in IPR filings per year by at least 5 %.	✓ **Level-1 Number of IPR count: 43 Nos. against the target of 40 Nos.** ✓ **Total IPR Published: 173** ✓ **Total Grant: 24** • Level-2 Number of IPR count: 35 Nos. per year • Level-3 Number of IPR count: 30 Nos. per year

Objective-3	Action Plan
Integrate Innovation and Entrepreneurship (I&E) education across all disciplines. Track the number of I&E-related courses offered.	✓ **Level-1: Number of (I&E) courses. 13 Nos. against a target of 10 Nos.** • Level-2: Number of (I&E) courses. 9Nos. • Level-3: Number of (I&E) courses. 8 Nos.

Objective-4	Action Plan
Identify and track innovative student and faculty ideas for potential funding support	✓ **Level-1 Number of Ideas to be applied for funding: 35 against the target of 25.**

through internal and external funding agencies like MSME, MIC, and Start-up initiatives. Track the number of ideas submitted.	✓ **26 teams got Seed funding from College.** ✓ **Number of Start-up/Idea Incubation : 30 Nos.** • Level-2 Number of Ideas to be applied for funding: 20 . • Level-3 Number of Ideas to be applied for funding: 15

Objective-5	Action Plan
Promote cross-disciplinary collaboration, Internships through innovation platforms such as the IDEA Lab, and hackathons. Jointly work on patentable ideas and product development. Track the number of ideas/start-ups generated and the number of students benefited	✓ **Level 1: Ideas generated/Registered: 141 Ideas against a target of 50 Ideas. Students benefited: 846 Nos against a target of 500.** • Level 2: Ideas generated- 45 Nos., Students benefited: 400 Nos. • Level 3: Ideas generated- 40 Nos Students benefited: 300 Nos.

Objective-6	Action Plan
Number of MoUs signed with incubation centers, venture funding agencies, and other institutions focused on entrepreneurship and internships. Track No. of MoUs and students benefited.	✓ **Level 1: Number of MoUs Last year – 13 against target of 9; Students benefited – 350, including AICTE IDEA Lab students' internship, against a target of 320.** **Total MoUs**: 56 Nos. • Level 2: Number of MoUs per year – 8. Students benefited – 280 • Level 3: Number of MoUs per year – 7. • Students benefited – 240

Improvements proposed this Year: More students to be involved for training and Project work under the MoUs by Departments.

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