

Smart Andhra Hackathon 2024

The Smart Andhra Hackathon 2024, organized by SCIM Government Degree College (Autonomous), Tanuku, took place on January 6, 2025. This event provided a platform for innovators to address real-world challenges through creative solutions.

About Atal Tinkering Labs

With a vision to ‘Cultivate one Million children in India as Neoteric Innovators’, Atal Innovation Mission is establishing Atal Tinkering Laboratories (ATLs) in India. ATL is the flagship initiative of AIM, the Government of India, to nurture an innovative mindset amongst high school students across the length and breadth of India. This is an important government scheme administered under the NITI Aayog.

About IIC, SCIM GC(A), TANUKU

In the year 2022, the Ministry of Education (MoE) through MoE’s Innovation Cell (MIC) established the Institution’s Innovation Council (IIC) program in collaboration with AICTE in SCIM GC(A), Tanuku to systematically foster the culture of innovation and start-up ecosystem in education institutions. Primarily, IICs’ role is to engage various innovation and entrepreneurship related activities such as ideation, Problem solving, Design Thinking, PR, etc., so that innovation and entrepreneurship gets stabilized in HEIs.

About Smart Andhra Hackathon

Smart Andhra Hackathon aims to find innovating solutions to real world problems from high school students under junior incubation category and UG degree level students under senior incubation category. The objective of this event is to foster curiosity, creativity, and imagination in young minds; and inculcate skills such as design mindset, computational thinking, adaptive learning, physical computing etc. Date: 06-01-2025, 10:00 AM Venue: Seminar Hall, SCIM GC (A), Tanuku.



SMART ANDHRA HACKATHON 2024



06 JANUARY 2025
10:00 A.M. – 04:30 P.M.



SCIM GOVT.COLLEGE (A)
TANUKU, ANDHRA PRADESH



ATAT INNOVATION MISSION
ATAL TINKERING LABS

Junior Innovators
For HIGH SCHOOLS



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)



Senior Innovators
For COLLEGES

PRIZES WORTH OF
1 LAKH
CASH PRIZE

for more information

For Registration



Sri **Ashok Kumar** Rebba
9985420120

Dr. **Nagabhushan** Reddy
9492324816



www.scimgdctanuku.ac.in/sah/
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Event Highlights:

- **Date and Venue:** The Hackathon was held on January 6, 2025, at SCIM Government Degree College (A), Tanuku.
- **Participation:** The event attracted a diverse group of participants, including tech enthusiasts, coding experts, and creative thinkers, all eager to showcase their problem-solving skills. In this event, shortlisted 62 teams are participated in junior and senior category.
- **Problem Statements:** Participants were presented with various problem statements, such as:
 - Designing a software solution to locate and book parking spaces in crowded urban areas.
 - Developing systems to detect fake reviews on e-commerce websites.
 - Creating solutions for disaster management, focusing on risk mitigation and planning before, during, and after disasters.
 - Innovating to enhance India's primary sector agriculture and managing agricultural produce.

- Showcasing India's rich cultural heritage and traditions through innovative ideas.
- Developing ideas to boost fitness activities and assist individuals in maintaining fitness.
- Creating a smart irrigation system for precision farming.
- Coding solutions for clients in the metro sector.
- Developing a platform to connect volunteers with NGOs based on their skills and availability.
- Designing solutions to help people locate nearby electric vehicle (EV) charging stations with real-time availability.
- Innovating to ensure access to education for all and impactful learning in children.
- Student innovation in smart education, focusing on learning in the digital age to enable more effective, efficient, flexible, and comfortable learning experiences.
- Industry dust collector solutions.
- Smart public toilet designs.
- Waste management solutions.
- Crop and soil management systems.
- Implementation of AI/ML in the field of education.
- Designing drones and robots capable of addressing urgent problems in India, including handling medical emergencies and conducting rescue and search operations.
- Developing an autonomous water surface cleaning robot.
- Creating an AI-based model for electricity demand projection, including peak demand projection for the Delhi power system.
- Addressing other miscellaneous real-world problems.

These problem statements encouraged participants to develop innovative solutions across various sectors, including technology, agriculture, education, and public services.

- **Prizes:** The Hackathon offered attractive prizes worth ₹2.4 lakh to the winning teams, serving as a significant motivation for participants to deliver their best work.
- **Contact Information:** For further details about the event, interested individuals could reach out via email at web@scimgdctanuku.ac.in or contact the following organizers:
 - R. Ashok Kumar, Lecturer in Computer Science, SCIM GC(A), Tanuku. Mobile: 9985420120
 - Dr. K. Nagabhushan Reddy, Lecturer in Zoology, SCIM GC(A), Tanuku. Mobile: 9492324816
 - Dr. G. Vijaya Kumar, Lecturer in Computer Science, SCIM GC(A), Tanuku. Mobile: 9848141694

The Smart Andhra Hackathon 2024 successfully fostered innovation and collaboration among participants, contributing to the development of practical solutions for pressing challenges in society.

Winner Teams:

SNO	Team Number	Category	Team Name	Team Leader Name & members	Contact	Problem Id & Title
1	Team 09	Senior	SCIM Techies-1,SCIM GC(A),Tanuku	P.Subhramanyam	9390769936	107-Smart Irrigation System for Precision Farming
2	Team 10	Senior	SCIM Techies-2,SCIM GC(A),Tanuku	M.Srilatha	6302247307	121-Other Miscellaneous Real World Problems - RSNA
3	Team 01	Senior	Digital Dynamos ,Bonam Venkata Chalamaiah Institute of Technology and Science,Batlapalem	P.Rama lakshmi	9398540459	101-Design a software solution for parking problem to locate and book parking spaces in crowded urban areas.
4	Team 11	Senior	VSKS Smartgen,Dr V S Krishna Government Degree College(A), Visakhapatnam	N.Uma mahesh	8688105910	104-Developing solutions, keeping in mind the need to enhance the primary sector of India - Agriculture and to manage and process our agriculture produce.
5	Team 02	Senior	K.Sumanth,SMVM polytechnic Tanuku	K.Sumanth	9391041135	115-Waste Management
Sno	Team Number	Category	Team Name	Team Leader Name & members	Contact	Problem Id & Title

1	Team 21	Junior	Abdul Kalam Team ,APSWREIS (G) JR. COLLEGE, S VATLURU	K.Anitha & K Sruthi	9100269643	101-Design a software solution for parking problem to locate and book parking spaces in crowded urban areas.
2	Team 01	Junior	Technical Birds, SRI CHAITANYA TECHNO SCHOOL ,Tanuku	G.Gopi	8008904912	109-Develop a platform to connect volunteers with NGOs based on their skills and availability.
3	Team 20	Junior	CREATIVE HUNGERS,MJPAPBCWR School & Jr.college(G), Tekulodu.	K. Gayathri	8618949793	119-Autonomous Water Surface Cleaning Robot
4	Team 18	Junior	Crop crafters,Little Paradise School,Tanuku	S. Harini	8179522901	107-Smart Irrigation System for Precision Farming
5	Team 15	Junior	Science Team,Vivekanada Global School,Tanuku	Chetan	9490951281	121-Other Miscellaneous Real World Problems

Gallery:























P Anil Kumar

(IIC President or Head of the Institution)

Name- P ANIL KUMAR

Place: Tanuku, AP