

**Results Summary**  
**South Zone Anveshan – 2025**  
VIT-AP University, Amaravati, Andhra Pradesh

**Theme: HEALTH SCIENCE**

**I Position**

**Project Title:** Salivary Colorimetric Strip for Early Detection of Dehydration

**University:** Malla Reddy Vishwa Vidhyapeeth

**Participants:**

1. Numair Ahmed Asrar Ahmed
2. Abdul Rahman

**II Position**

**Project Title:** AI Assisted Rapid Mobile Response Unit for Road Traffic Accidents: Advancing On Scene Diagnosis and Triage.

**University:** S R M Institute of Science & Technology

**Participants:**

1. Nathasha Noronha
2. Yash Vardhan Pansari
3. Shruthi Rajaram
4. Varshini

**III Position**

**Project Title:** Biodegradable starch based smart dressing incorporating Anthocyanin and Reduced Graphene Oxide for Enhanced Wound Remodeling

**University:** Manipal Academy of Higher Education

**Participants:**

1. Siya Jain



Co-Coordinator



Coordinator

**Results Summary**  
**South Zone Anveshan – 2025**  
VIT-AP University, Amaravati, Andhra Pradesh

**Theme: SOCIAL SCIENCE**

**I Position**

**Project Title:** AI powered Predictive Safety System for Pyrotechnic Industries

**University:** S R M Institute of Science & Technology

**Participants:**

1. Kavya sree V
2. Manavalan
3. Aysha Ilyas
4. Sanjay M

**II Position**

**Project Title:** Waste to Wealth: Assessing the Potential Biochar Carbon Credits from Coffee Plantation

**University:** University of Agricultural Science Bangalore

**Participants:**

1. Keerthana Nayak N
2. Ponnamma D T

**III Position**

**Project Title:** Digital Dopamine Detox Gamified App

**University:** Annamalai University

**Participants:**

1. Rathi Prithiksha Murugesan
2. Sadhasree S
3. Ganga Devi
4. Sribalaji R



Co-Coordinator



Coordinator

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**Theme: BASIC SCIENCE**

**I Position**

**Project Title:** ECO-SMART Tomato Sheet, A sustainable culinary innovation advancing SDGs

**University:** Avinashilingam Deemed University

**Participants:**

1. M. Haritha
2. Uthra B
3. Elaya Rama E

**II Position**

**Project Title:** Detection of Riboflavin by Voltammetric Studies through Synthesised TiO<sub>2</sub> Nanoparticles

**University:** NITTE

**Participants:**

1. Bindu A. G

**III Position**

**Project Title:** A novel AIE-Driven Fluorescent Sensor for Efficient, Selective, Detection and Remediation of Hg<sup>2+</sup> ion in a facile way

**University:** Central Univeristy of Tamilnadu

**Participants:**

1. Binson M Paul
2. Shanat Bennat



Co-Coordinator



Coordinator

**Results Summary**  
**South Zone Anveshan – 2025**  
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**Theme: Engineering and Technology**

**I Position**

**Project Title:** An Autonomous Glass-to-Glass Creator Ecosystem for Voice-Controlled Aerial Capture, AI Editing, and Multilingual Distribution

**University:** Mohan Babu University

**Participants:**

1. Rahul Kothuri
2. Kosinepalli Arjun Sai
3. Mannipudi Prabhu Das
4. Balu Amareswar Bejagam

**II Position**

**Project Title:** Intelligent Multizone Pressure actuated Circuit Target

**University:** VIT Vellore

**Participants:**

1. Sriganth C
2. K Joshith
3. Dhakshana Bala S

**III Position**

**Project Title:** A SMART Algae Purifier with CO<sub>2</sub> Tracking

**University:** Vinayak Mission Research Foundation

**Participants:**

1. Sourangsu Chandra
2. Md Shahbaz Alam
3. Mohd Washim



Co-Coordinator



Coordinator

**Results Summary**  
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**Theme: Interdisciplinary**

**I Position**

**Project Title:** The Earbud That Listens to your Heart

**University:** Malla Reddy Vishwa Vidhyapeeth

**Participants:**

1. Abhinaya Otikunta
2. Ananthalakshmi Prasanna Peddada
3. Abhilas Singha
4. Shampriya om

**II Position**

**Project Title:** Slenderizer

**University:** M S Ramaiah University of Applied Science

**Participants:**

1. Rathan Raj N
2. Sankalp S
3. Shriharsha Rajendra Yaraddi

**III Position**

**Project Title:** A Non-Invasive optical technique to determine bilirubin levels in neonates

**University:** Manipal Academy of Higher Education

**Participants:**

1. Vibha
2. Vyasraj G Bhat
3. Pawas Kumar



Co-Coordinator



Coordinator

**Results Summary**  
**South Zone Anveshan – 2025**  
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**Theme: Agricultural Science**

**I Position**

**Project Title:** Raitha Karya

**University:** University of Agricultural Science Bangalore

**Participants:**

1. Pavan Krishna P

**II Position**

**Project Title:** A Smart monitoring system for early detection of stored grain pests

**University:** Avinashilingam Deemed University

**Participants:**

1. Ragavi VJ
2. Lakshana M R
3. Keerthana M
4. Kusuma N L

**III Position**

**Project Title:** Pectin based fertilizer gels for sustainable agriculture

**University:** VIT-AP University

**Participants:**

1. Naramaneni Avinash
2. B. Manikanta



Co-Coordinator



Coordinator