



**COMED KARES**  
INNOVATION HUB

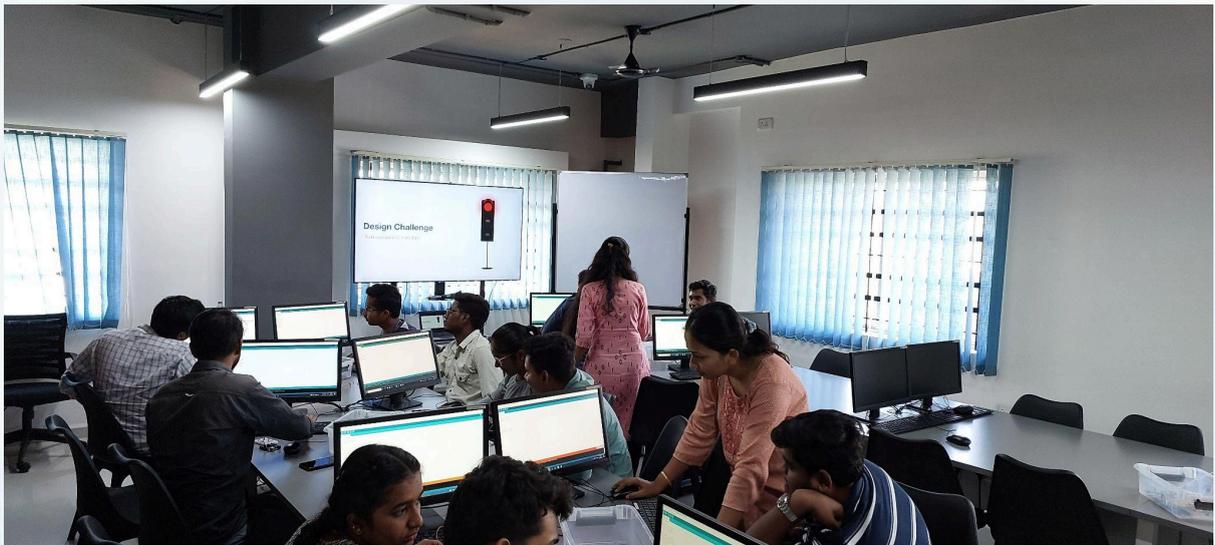
**MONTHLY NEWSLETTER**  
**AUGUST 2023**

Unveiling a Month of Thrilling  
Events and Milestones!

## EXCITING RECAP OF AUGUST

# Unveiling a Month of Thrilling Events and Milestones!

This month, our centres have successfully hosted two TechTies events and have effectively facilitated interactions between industry and academia. We have garnered significant interest from additional institutions, and our commitment to conducting Robotics and IDT sessions for students before their semester examinations remains unwavering. Notably, this month witnessed a reduction in the frequency of webinars, affording students valuable time to engage actively with our centre facilitators on community-centric projects. Our students continue to excel in representing both ComedKares and their respective educational institutions across various platforms, earning notable accolades and widespread recognition for their achievements.



**Students of KLS Gogte institute of technology and KLE Dr. M.S. Sheshgiri undergoing Robotic Course @ ComedKares Innovation Hub in Belgaum**

## Induction Programs @ Institutes



Yelahanka ComedKares team conducted an Induction program for **BSc. honour students at Atria Institute of Technology.**



The introductory session on Robotic course was conducted at Canara College in Mangalore, where **300 students from different branches** participated.

## Programs And Other Highlights At The Centers

### TechTies: A Collaborative Industry–Academia Program Conducted at the Mangalore Center



TechTies hosted by Comedkares **in collaboration with CII Mangalore** provided an exceptional platform for students to connect with industry professionals, fueling their creative sparks and fostering a vibrant atmosphere of knowledge sharing.

**Guests:** Mr. Praveen Kalbhavi, Founder M&D Novigo solutions, Chairman CII Mangalore Chapter and Mr. Suyog Shetty, Founder, CEO of Novigo Solutions

No of participants	<b>83</b>
No of institutions participated	10 engineering, 1 non -engineering
No of Industry mentors	<b>22</b>
Rating	<b>9.96/10*</b> (7 respondents)

## Testimonials

- *“A helpful event i enjoyed learnt a lot met some industry giants and learnt useful things from them i hope for more events like this and i am eager to take part in them”*
- *“.I really built connections for the first time in this one room, we connected immediately though linkedIn. It was inspiring to see many robotics enthusiasts meeting up at one place. Thanks for this wonderful experience”*
- *“It was a really good event where students got to work together & with industrial folks.We got knowledge from the industrial experts.”*

## Celebrating Student Achievements!



**Students of Belgavi Center win 1st place** in the Robo Race Event as a part of “TECHNISIUM - 2023” held at SIT Tumkur



**Students of Belgavi Center win 3rd place** in the Line Follower Robo Event Event as a part of “TECHNISIUM - 2023” held at SIT Tumkur



**Student teams of BMSIT**, participants of RW Hackathon have taken their project forward and **won 1st place at Open Day, Idea pitching event** conducted by BMSIT college.

## Notable Visits Across the Innovation Hubs



**Al Misbah Hanchinmani, a volunteer of UNICEF** visits the Banaswadi centre.



**Vamsi Krishna, IEEE Bangalore Young Professionals Mentor** visits the Banaswadi centre to know the initiatives at ComedKares



**Mr. Abishek Bhandari Director Outreach - South, Mr Vishwas Rao Regional Director- South and Aditya Swaroop from Jio Embibe,** visit the Mangalore Centre as a part of the International Federation of Inventors Association (IFIA)



**Sumanth Shenoy, founder of Stelna Designs,** visited the centre and gave valuable feedback on 3D printing technology & shared good practices to follow during the 3D printing and Design processes.



**Mr Mahesh Shenoy and Mr Errol** founders of **Tiny Prism Labs (TPL)**, **Mr Uzair**, a medical research candidate with TPL & **Mr Suhas** a design and product development expert visit the Mangalore centre.



**Mr Ranjan, an entrepreneur,** visited the Mangalore Centre and has given the centre an interesting **problem statement from the photography industry** to work on.

## Webinars, Workshops & Hackathons

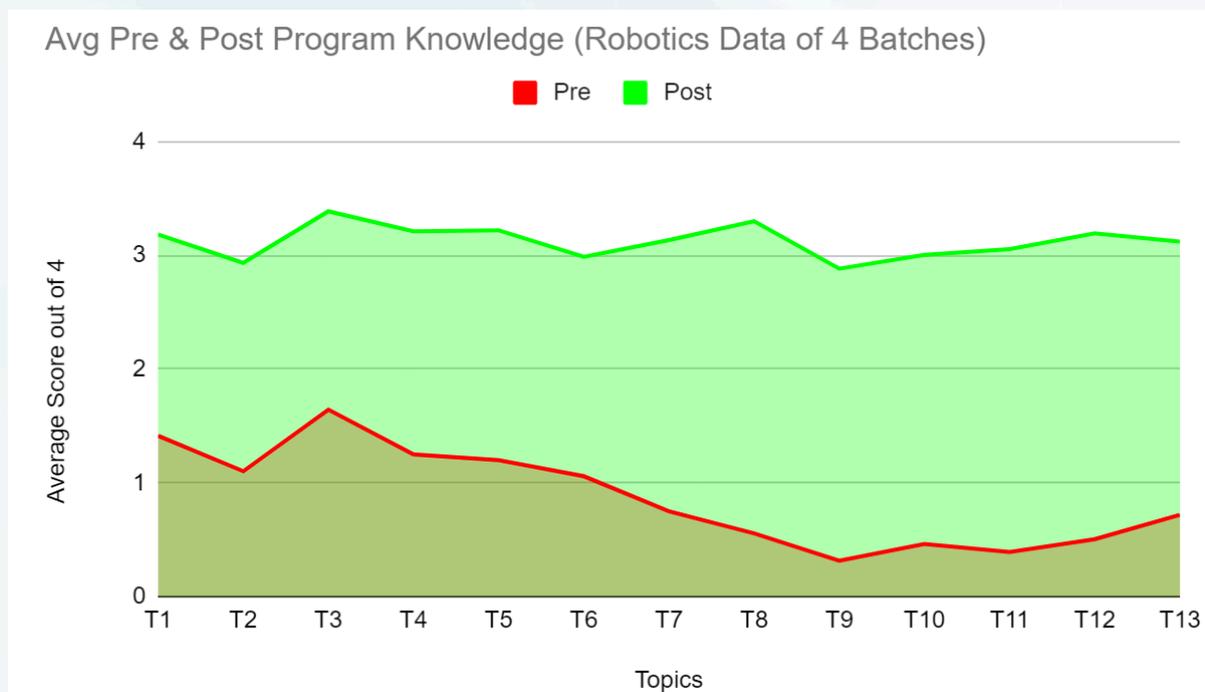
<b>Type</b>	<b>Topic</b>	<b>Attendees</b>	<b>Rating</b>
Webinar	Preparing for a Career in Cybersecurity : Skills and Education Required	60	10/10
Webinar	Developing Empathy for Community-Centric Problems : Effective Strategies for Solving Them	21	10/10
Workshop	Roborace	25	10/10

The month of July was packed with exciting webinars and workshops to keep students up to date with the current trends as well as to gain necessary soft skills, along with the intention of engaging the ComedKares community.

## Annexure

### Post Program Findings of our Courses

#### Robotics Course Assessment Report of 4 Batches



The graduating batches at JP (3) and Gopalan (1) Centres in Bangalore, have resulted in a **significant increase in knowledge levels (3.1235 points avg across all topics) self-reported by students**. Based on the course outcomes a total of 13 topic related questions were posed to the students before and after the program to see the change in their self efficacy levels. The highest score of 4 indicates complete practical expertise in the topic, and **a score of 3 means achievement of program relevant objectives, which has been true for all the centres.**

*\*Refer the table for the tags and their relevant topics*

Topics	Tag	Topics	Tag
Microcontroller	T1	Interfacing Sensors and Actuators with Raspberry Pi	T8
Arduino	T2	Raspberry Pi for Motion Control	T9
Sensor	T3	Computer Vision and OpenCV	T10
Motor Control	T4	Object Detection Using openCV and HSV	T11
Robot Motion Control	T5	Detecting Edges or Lanes Using OpenCV	T12
Python Programming	T6	Object detection and Move Around Arena	T13
Raspberry Pi	T7		

## Gallery

