

# **COMEDKARES**

**INNOVATION HUB** 

# **MONTHLY REPORT**

November 2024

At ComedKares Innovation Hub, Bangalore.

26/11/2024

# INTRODUCTION

ComedKares is an initiative by ComedK to help engineering, dental, and medical college students build their competitiveness through experiential and hands-on learning, thereby enhancing the employability of youth and helping them land a career of their choice.

ComedKares offers a variety of **courses designed along with industry experts and endorsed by VTU** that enhance the learner's 21st-century skills while also giving **access to a host of machines, tools and mentors** to build solutions that positively impact the community.

ComedKares catalyses the interaction between the **Community (industry and regional professional groups)**, **Industry experts and academic** stakeholders for knowledge sharing and co-creating solutions, through various programs spread across the year.

Each centre is led by a team of 4 experienced staff - administrators, centre managers and facilitators as well as makerspace assistants - and opens its doors to students across the year to take up courses within their academic timelines, either in the form of **internships**, semester programs or workshops, with an added benefit of webinars every month accessible through the ComedKares portal. The centres also encourage a culture of the building by supporting students to compete in IIT & NIT events and helping them explore various avenues where they can build their confidence and develop new-age skills.

# **OBJECTIVES**

Comedkares aims to provide engineering, dental and medical students a state-of-the-art platform to realise their full potential, enhance their ability to innovate, sharpen their entrepreneurial instincts, and develop socially responsible aspirations.

- > Catalyse interactions between the community and academia through immersive, community-centric courses
- > Empower community and student innovators through resource access and strategic partnerships for idea prototyping and implementation within ecosystems
- > Nurture 21st-century skills in students and transform them into compassionate, creative and progressive technocrats.

# **OVERVIEW FOR NOVEMBER 2024**

November 2024 has been an outstanding month filled with numerous achievements and engaging events across the ComedKares centres:

#### **Courses**

Several impactful courses and programs are currently underway, including **IDT** (Innovative Design Thinking) courses successfully conducted at multiple centers such as SMVIT in Mangalore, NIE (North and South) in Mysore, Kalaburagi, SUK, SIT and VIT colleges, and SIT Yelahanka, which provided students with hands-on exposure to critical design thinking and prototyping skills.

The **IoT** (Internet of Things) course is being conducted at the Gopalan Mysore Road Centre for MCA students and at Yelahanka for 24 students, focusing on foundational knowledge and practical applications of IoT technologies. Additionally, a **robotics internship** is ongoing in Belgaum, offering participants hands-on experience in robotics design, programming, and operation, preparing them for real-world applications in this rapidly evolving field.

#### **Events conducted this month:**

A series of impactful events, workshops, and club activities were conducted across various centres, focusing on enhancing students' technical and soft skills while fostering innovation and collaboration. These initiatives included **2 hackathons**, **7 technical** workshops on **robotics**, **UAV drones**, **IoT**, **and advanced 3D printing**, as well as **communication skill-building** sessions.

Student engagement was further enhanced through Creators Club meetups and inaugurations held at **four centers**, including **Yelahanka**, **Gopalan**, **Tumkur**, **and Belagavi**, offering students a platform to foster creativity and build a sense of community. Spanning cities such as Yelahanka, Mysore, Mangalore, Kalaburagi, Tumkur, and Belagavi, these programs aimed to provide students with hands-on learning experiences, promote peer collaboration, and drive innovation across various disciplines.

# TRAINING @COMEDKARES INNOVATION HUBS

Courses	Center	No. of students	Start Date	End date
	Mangalore	259	3/9/2024	3/12/2024
	Yelahanka	210	4/11/2024	-
	Kalaburagi	90	26/10/2024 (Resumed)	10/12/2024
Innovation & Design	Kalaburagi	5	20/9/2024	16/11/2024
Thinking	Kalaburagi	131	21/11/2024	30/1/2025
	Gopalan	120	13/11/2024	-
	Mysore (NIE IDT 5 -south & north)	563	14/10/2024	25/1/2024
Robotics Internship	Belagavi	13	15/10/2024	31/1/2024
Internet of things	Yelahanka	24	01/11/2024	-
	Gopalan Mall	22	11/11/2024	30/11/2024

The Innovation & Design Thinking (IDT) course has successfully engaged 1,378 students across multiple locations, including 259 students in Mangalore, 210 in Yelahanka, 563 in Mysore (NIE North and South), 226 in Kalaburagi, and 120 in Gopalan.

The Robotics Internship in Belagavi provided hands-on learning for 13 students, while the Internet of Things (IoT) course trained 46 students, with 24 in Yelahanka and 22 at Gopalan Mall (Dr. Ambedkar Institute of Technology). These programs collectively offer a blend of innovation-driven and technical education, empowering students with practical skills and future-ready knowledge.

# **OVERALL COURSE RATING**

The course remains unchanged from last month, with only the Demo Day scheduled completed, as detailed in the provided link. - Link Batch 1 completion report, Link Batch 2 completion report

The programs, including IDT and Robotics, have garnered an impressive average rating of **8.6/10\***.

<sup>\*</sup>The average feedback response rate across these programs is 73.6%

# **OUTREACH EVENTS**

# PROGRAM-RELATED OUTREACH FOR NOVEMBER

Center	College Name	Outcomes
Mangalore	Bearys Institute of Technology	On call, pitched about upcoming programs. Talks are progressing positively.
	Canara College of Engineering	Canara College of Engineering, Mangalore has shown interest in our programs which align with their Skill Development courses. The proposal and planning are in progress.
	Yenepoya Institute of Technology	On the call, pitched an induction program and initiated discussions about the upcoming program. Talks are progressing positively.
	Shri Devi Institute of Technology	On the call, pitched an induction program and initiated discussions about upcoming programs. Talks are progressing positively.
	Srinivas Institute of Technology	On call, pitched about upcoming programs.  Talks are progressing positively.
Kalaburagi	Sharana Basava University	On call, pitched about upcoming programs.  Talks are progressing positively.
	KCT College of Engineering	KCT College of Engineering, Kalaburagi has shown interest in our program. And has been discussing Internship for First Years.

	Shetty Institute of Technology	Started new batch of 131 students for IDT
	PDA College of Engineering	Visited and pitched an induction program and initiated discussions about upcoming programs. Talks are progressing positively.
	S Nijalingapa Dental College	Visited and conducted an induction program and initiated discussions about the IDT program. Talks are progressing positively. We are starting IDT batch for 60 students on DEC 1st week
	Jain College of Engineering & Research (JCER)	JCER, Belagavi has expressed interest in our Robotic program for their EC, CS & MECH Students.
	KLE Technological University	
	Angadi Institute of Technology	
Belgaum	Jain College of Engineering	Visited and pitched an induction program and initiated discussions about upcoming programs. Talks are progressing positively.
	Gogte Institute of Technology	<b>GIT, Belagavi</b> has shown interest in our programs, a proposal is sent.
	SGBIT	Visited and pitched an induction program and initiated discussions about upcoming

		programs. Talks are progressing positively.
Mysore	Vidyavardhaka college of engineering, Mysore	On the call, pitched an induction program and initiated discussions about the upcoming program. Talks are progressing positively
	The National Institute of Technology, Mysore	On the call, pitched an induction program and initiated discussions about the upcoming program. Talks are progressing positively
	Maharaja Institute of Technology, Tandavpura	Visited and pitched an induction program and initiated discussions about upcoming programs. Talks are progressing positively. And Expecting 200 students for our IDT Program.
	Maharaja Institute of Technology, Kesare	On the call, pitched an induction program and initiated discussions about the upcoming program. Talks are progressing positively
	Mysore College of Engineering & Management	Visited and pitched an induction program and initiated discussions about upcoming programs. Talks are progressing positively.
Gopalan Mall	Creators Club Inauguration	The Creators Club was inaugurated on November 16, 2024, with 22 enthusiastic students from Bangalore Technological Institute and Rajarajeshwari Institute of Technology. The event featured an inspiring talk by Gautham Sir, team-building activities, and a planning session for upcoming events, marking the start of a journey of creativity and growth.
	IoT Session for MCA students from Dr. Ambedkar Institute of Technology	An IoT session began on 11th November 2024 for MCA students from Dr. Ambedkar Institute of Technology. A group of 22 enthusiastic students are actively participating as part of their internship.

JP Nagar	The Oxford college of engineering	Successfully conducted induction for 263 1st year students.
or Nagai	Bangalore Technological Institute	Successfully conducted induction for 95 students.

# **EVENTS**

SI.No	Centre name	Program	Photo drive/Link	Students Attended	Rating
1	Yelahanka	Echo Hack	Photos/videos	76	8.8/10
2	JP Nagar	Robotic Workshop	<u>Photos</u>	37	-
3	Gopalan Mall	Creators Club Inauguration	<u>Photos</u>	22	-
4	Mysore	Make4Mysore - Innovate Today, Power Tomorrow Hackathon	<u>Photo</u>	131	8.7/10
5		Hand tools and power tools workshop	<u>Photos</u>	12	10/10
6	Mangalore	Robo Race (Batch 1-PA College) workshop	<u>Photos</u>	60	9.6/10

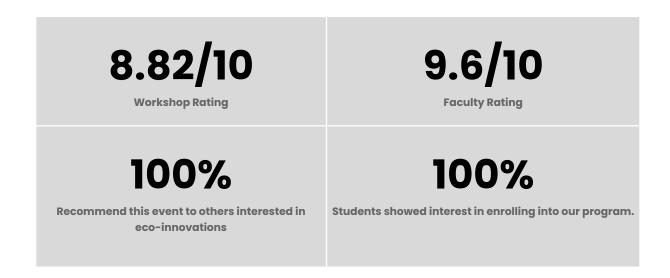
7		Robo Race (Batch 2-PA College) workshop	<u>Photos</u>	60	8.9/10
8		UAV Drone Workshop	<u>Photos</u>	62	9.6/10
9	Kalaburgi	Talk the talk: Build your communication skill set	photos/videos	36	9.8/10
10	Turnalium	Advanced 3D Printing Workshop	Photos / Video	26	10/10
11	Tumkur	Creators Club inauguration- meet 1	Photos / Video	20	-
12	Belagavi	Creators Club Meetups	<u>Photos</u>	45	-

# YELAHANKA CENTER EVENTS

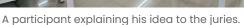
# 1. ECO HACK Prototype Presentation@Yelahanka

The ECO HACK Prototype Presentation, taking place at Yelahanka from 18th to 23rd November 2024, is a platform dedicated to fostering innovation and addressing global challenges under the overarching theme of Sustainability. This week-long event encourages participants to showcase their creative and technical skills by developing and presenting functional prototypes that tackle real-world issues such as Water Management, Sustainable Urban Living, and Agricultural Innovation, along with an open category for other sustainability-focused ideas.

The event will culminate in an exciting **hackathon-style competition**, where teams will present their prototypes to a panel of judges. Winners will be awarded **cash prizes** and **exclusive ComedKares memberships**, recognizing their efforts and encouraging further innovation. With a mission to inspire practical problem-solving and forward-thinking solutions, the ECO HACK serves as a dynamic environment for collaboration, learning, and the exchange of groundbreaking ideas. All participants will receive **E-certificates** as a testament to their contributions to sustainability-driven innovation.









Murali sir giving a speech to students

- "There was a crop cutter and multifunctional thing which attracted my attention." Aman Kumar, Bangalore Technological Institute
- "Multifunctionality." **Aishwarya S**, RajaRajeswari College of Engineering
- "We get so many different models." **Sadhana K H**, Shridevi Institute of Engineering and Technology, Tumkur
- "Many of the prototypes were working on site." Riya Kumari, Sambhram Institute of Technology
- "The idea proposed by our team of growing veggies in the balcony." Md Danish
   Ali, Sambhram Institute of Technology
- "Water monitoring web app." **Pratham DU**, Malnad College of Engineering, Hassan
- "All the teams who came with different types of models." **Varshini M**, Shridevi Institute of Engineering and Technology

# JP NAGAR CENTER EVENTS

# 1. Workshop on Robotics Workshop@JP Nagar

The **Robotics Workshop**, held on November 25-26, 2024, at the Oxford College of Engineering, JP Nagar Center, offers a hands-on learning experience in robotics. Participants will delve into building and programming robots, gaining practical technical skills and exploring the fundamentals of robotics engineering. Designed to enhance creativity and problem-solving abilities, this workshop empowers students to innovate and excel in the field of robotics.



The facilitator addressed the students on robotics.

# GOPALAN MALL MYSORE ROAD CENTER EVENTS

# 1. Creators Club Inauguration – Gopalan Mall, Mysore Road Center

The Creators Club was inaugurated on November 16, 2024, at the Gopalan Mall Mysore Road Center, with 22 students from Bangalore Technological Institute and Rajarajeshwari Institute of Technology actively participating. The event featured an inspiring talk by Gautham Sir, an introduction to ComedKares, and team-building activities. Students were given personalized portfolios and collaboratively planned the events for the next three weeks. The inauguration successfully set the tone for a vibrant journey of creativity, innovation, and collaboration.



Concluding the session with a beautiful group photo.

# MYSORE CENTER EVENTS

# 1. Make4Mysore - Innovate Today, Power Tomorrow Hackathon

On **October 25th, 2024**, the **ComedKares Innovation Hub in Mysore** hosted an engaging Hackathon on Make4Mysore – Innovate Today, Power Tomorrow, with **131 students participating.** This hackathon helped students in showcasing their innovative solutions to address pressing challenges faced by the city. The event brought together young minds to collaborate, create, and present ideas that could shape a sustainable and technologically advanced future for Mysore.



Dr. Chengappa M addressing the participants



Team Photo



Group Photo of Hackathon



Group Photos with Hackathon Winners and Runnersn



Group Photo of Hackathon

#### Students' Feedback and Testimonials:

Total no of students who attended	8.7/10 Facilitator Rating
8.7/10 Event Rating	93.8% students who are showing interest to enrol into our program

<sup>\*</sup>Feedback response rate: 99.2% (130 responses from 131 students)

- "The overall experience is amazing, and projects were also superb" Sumeet Hibare, Shetty Institute Of Technology.
- "It was a great experience, though it was the first hackathon I attended" Darshan I
   C, Vidyavardhaka College of Engineering.
- "The hackathon was a fantastic experience, and my team and I thoroughly enjoyed the opportunity to learn and grow" - Shreyas R Katti, SG Balekundri Institute of Technology.
- "I have attended so many hackathons, but this hackathon was a very good experience, and I learned so much" - Sameer Magi, Raja Rajeshwari Engineering College.
- "I rated the hackathon experience highly due to the helpful responses, excellent facilities, and the supportive presence of the organizers and experts" - Ankit Ammanagi, Jain College of Engineering, Belagavi, Karnataka.

- "Their insights on our project enabled us to explore sides we couldn't think of" NT Aravind Narayanan, RV University.
- "It was my first experience as a team lead in a hackathon, and I enjoyed guiding the team; the volunteers were friendly and very supportive" **Sharanya K G, Vidyavardhaka College of Engineering**.
- "The mentors were highly interactive, and overall the hackathon was very good" Fariya, Bearys Institute of Technology, Mangalore.

# 2. Hand Tools and Power Tools Workshop Conducted @Mysore

The workshop titled "Hand Tools and Power Tools" was conducted at the Mysore center on November 19th and 20th, 2024. A total of 13 students actively participated in the workshop. The two-day session aimed to equip students with essential knowledge and hands-on experience in handling various hand tools and power tools effectively and safely. The workshop included both theoretical insights and practical sessions, focusing on the applications of these tools in real-world scenarios.



Facilitator explaining about the tools



Students involved in the activities

# Students' Feedback and Testimonials:

10/10	10/10
Workshop Rating	Faculty Rating
100%  Percentage of students like to participate in similar event	100% students showed interest to enrol into our program.

<sup>\*</sup>Feedback response rate: 30.8%(4 Responses from 13 attended)

- "The teaching staff were excellent." Harshini B, Electronics & Communication Engineering.
- "The explanation and teaching part was good. The practical process enhanced my learning." **P Surya Darshini, Mechanical Engineering.**
- "It was a good experience. I learned a lot of new things." VARSHA DN, Civil Engineering.
- "It was fun building a table organizer in a given time." **Priyanka T Karimudakannavar**, **Electrical & Electronics Engineering**.

# MANGALORE CENTER EVENTS

# 1. RoboRace Workshop Conducted @Mangalore for PA College of Engineering

On **November 6th and 7th, 2024,** a workshop titled "Robo race" was held at **Mangalore centre for PA college of Engineering**, with **60 students in attendance.** The workshop provided an interactive platform for students to explore the fundamentals of robotics and automation, culminating in an exciting race where participants tested their robot-building and programming skills.







Students involved in building RC bot

#### Students' Feedback and Testimonials:

9.6/10 Workshop Rating	9.6/10 Faculty Rating
60%  Percentage of students helped to learn key concepts in robotics, sensor integration, and programming to create autonomous robots	98.3% students showed interest to enrol into our program.

<sup>\*</sup>Feedback response rate: 98.3%(59 Responses from 60 attended)

#### **STUDENT TESTIMONIALS:**

"It was a wonderful and excellent experience that I had here in Comed Kares. After
the class, I felt like I had paid for the right class. We had fun and were able to get a
new knowledge of the tech world. Thanks to our seniors, we were able to experience
such an event. Thanks to all faculty here in Comed Kares for imparting such
knowledge." - Ameer Ali ACM, CSE

- "I gave an 'Excellent' rating because the workshop provided a solid introduction to robotics and coding. I really enjoyed learning how to integrate sensors and control the car remotely through programming. It was exciting to see how the concepts applied to creating a functional autonomous vehicle. The facilitator explained everything clearly and made sure we understood each step, which I really appreciated. Thank you for a great learning experience!" Sameem Muhammad, CSE
- "The teaching, explaining, and details were very nice; the staff was all friendly and made my learning experience the best." - Fathima Haya, IOT
- "It was a great experience. We enjoyed it a lot and learned to build an RC car. Thank you so much." Fathima Reeha T.A, CSE
- "It was very good because I'm from a bio background and don't have any base for things like this, but in this workshop, I got to know more about these things." - Rani Roshan Noushad, AIML
- "The program was very fun and helpful. We learned how to build an RC car and run
  it. The faculty was also helpful and friendly." Nasha Kadeeja A.A, CSE

# 2. RoboRace Workshop Conducted @Mangalore for PA College of Engineering

On **November 13th and 14th, 2024,** a workshop titled "Robo race" was held at **Mangalore centre for PA college of Engineering**, with **60 students in attendance.** The workshop provided an interactive platform for students to explore the fundamentals of robotics and automation, culminating in an exciting race where participants tested their robot-building and programming skills.



Students involved in building RC controller



Students testing their RC bot

#### Students' Feedback and Testimonials:

8.9/10 Workshop Rating	8.9/10 Faculty Rating
100%  Percentage of students helped to learn key concepts in robotics, sensor integration, and programming to create autonomous robots	92.7% students showed interest to enrol into our program.

<sup>\*</sup>Feedback response rate: 91.67%(55 Responses from 60 attended)

- I gave the rating because the workshop was engaging and informative, with practical, hands-on learning that helped deepen my understanding of how RC cars work." **Ayshath Shahaziya**, **AIML**
- "The rating given by me deserved to be excellent as the atmosphere where I worked was super comfortable and I would like to join such workshops in the future too as these were really helpful and entertaining." Abdul Ahad Ikkeri, CSE
- "The instructors were extremely helpful and it was a very insightful event overall." Haifa Naseera, AIML
- "We learned about robotics and it was a very good session; I would like to learn more about it." - Asyammath Fahida, AIML
- "I gave the rating because the workshop was engaging and informative, with practical, hands-on learning that helped deepen my understanding of how RC cars work." **Ayshath Shahaziya**, **AIML**
- "The rating given by me deserved to be excellent as the atmosphere where I worked was super comfortable and I would like to join such workshops in the future too as these were really helpful and entertaining." Abdul Ahad Ikkeri, CSE
- "It's amazing. I enjoyed this program a lot; it may help in the future. Thank you Comed Kares Innovation Hub." Fathimath Thasreefa, IOT
- "The faculties were very good and they helped at each stage of this workshop." Fathima Shazna MS, CSE
- "The instructors were extremely helpful and it was a very insightful event overall." Haifa Naseera, AIML

 "We learned about robotics and it was a very good session; I would like to learn more about it." - Asyammath Fahida, AIML

# 3. UAV Drone Workshop Conducted @Mangalore

On **November 16th, 2024,** a workshop titled "UAV Drone" was held at **Mangalore centre by the Challengers Team**, with **62 students in attendance.** The workshop offered hands-on experience in drone technology, covering design, assembly, and flight operations, empowering students to delve into the world of Unmanned Aerial Vehicles (UAVs) and their applications.



Introduction to Drone



Students testing their RC bot



Students involved in building the plane



Group Image

#### Students' Feedback and Testimonials:

9.6/10

**Workshop Rating** 

9.7/10

**Faculty Rating (Team Challengers)** 

100%

Percentage of students helped to learn key concepts in robotics, sensor integration, and programming to

92.7%

Percentage of students interested in building Drone based project in future

\*Feedback response rate: 80.6%(50 Responses from 62 attended)

- "The workshop was highly engaging, informative, and well-organised. The hands-on experience with UAVs was particularly enriching, and the concepts were explained in a clear and approachable manner." - Vishnu Prasad, Computer Science & Engineering, SMVITM.
- "Clear and detailed explanation making the complex topic understandable." Ananya R. Holla, Electronics & Communication Engineering, SMVITM.
- "Teamwork and experiencing new things." Akanksha G. Shetty, Computer Science & Engineering, SMVITM.
- "Hands-on experience was actually good." **Prajwal Shetty, Computer Science & Engineering, SMVITM.**
- "I really learned and can implement it." Shashank S., Electronics & Communication Engineering, SMVITM.
- "Learned a lot of new things, sessions were interactive, and challenges were helpful." Puthran Tanishk Arun, Bachelor of Computer Applications, SMVITM.
- "The atmosphere was good for learning about drones and aeroplanes." Kaushik
   A., Electronics & Communication Engineering, SMVITM.
- "I got a lot of information to build an aeroplane prototype!" Vasanth, Electronics & Communication Engineering, SMVITM.
- "Today's session was useful to understand planes and drones." Avinash Poojary, Electronics & Communication Engineering, SMVITM.
- "The workshop was excellent; it was well explained about planes." Sarthak, Computer Science & Engineering, SMVITM.

# KALABURGI CENTER EVENTS

# 1. Talk The Talk: Building Communication Skillset Workshop Conducted @Kalaburgi

The Program in **Kalaburgi on 23rd November 2024** proved to be an equally engaging and innovative learning platform for students from **different Universities**, **Kalaburagi**. The program was conducted for one day and ran from 10:00 AM to 5:00 PM.

A total of **36 students** from **different Universities, Kalaburagi** joined the Program actively participating in interactive sessions and practical activities designed to enhance their skills and foster creativity. The program covered a range of topics, including innovative problem-solving techniques, collaborative teamwork, and hands-on projects, providing a comprehensive learning experience for the participants.



Students involved in pitching their Ideas



Students involved in activities given by Expert



Makerspace Assistant addressing the guests and students.



Group Image

#### Students' Feedback and Testimonials:

9.8/10

9.8/10

100%

**Workshop Rating** 

**Faculty Rating** 

Students were confident are you in applying techniques to create a positive first impression

100%

Students felt inspired to work on improving your communication skills after this session

97.1%

students showed interest to participate in similar event

94.1%

students showed interest in joining student club

- "It was a great experience. I got a chance to attend the session, and it was nice." Arunkumar, Appa Institute of Engineering & Technology.
- "For sure, I have learned many things today which were much needed, and I was really in need of this session... definitely, it will help me in the future." Bindu, Appa Institute of Engineering & Technology.
- "The entire session was absolutely beautiful, and by this session, we have learned many things about communication skills." - Suma, Appa Institute of Engineering & Technology.
- "Excellent because this center provides many opportunities to learn new things, and Vandana ma'am did a very great job today. Thank you, ma'am." - Anusha, Appa Institute of Engineering & Technology.
- "The workshop was really good. In-person, I really learned many things that will help me grow more and more... how to communicate in a better manner." - Shrusti Kulkarni, Appa Institute of Engineering & Technology.
- "I felt more confident and felt it was worth investing my time to be here." Madiha
   Hareem, KCT Engineering College.

<sup>\*</sup>Feedback response rate: 94.1%(34 Responses from 36 attended)

# **TUMKUR CENTER EVENTS**

# 1. Session for Tumkur Creators Club: Inaugural Talk@Tumkur

# Creators Club Inauguration-meet 1@Tumkur

On **November 24, 2024**, the **Creators Club Inauguration - Meet 1** was held at **Tumkur**, with **20 students** in attendance. The event marked the beginning of an exciting journey for aspiring creators, providing a platform for collaboration, innovation, and skill development. Participants engaged in discussions, and brainstorming sessions, and were introduced to upcoming projects and opportunities within the club.

We hosted the **inaugural talk of the Creators Club**, marking a milestone in nurturing entrepreneurial talent. The event featured **Chandan NM**, a dynamic entrepreneur and Co-Founder of **Gaja Group** as well as CEO of **Spot My Krishi**, who shared invaluable insights from his journey, inspiring and empowering our students.

The session also showcased innovative startup ideas presented by our talented students, highlighting their creativity and entrepreneurial potential. This engaging event was an enriching experience for all participants, setting the stage for the Creators Club to thrive as a hub for innovation and entrepreneurship. We eagerly anticipate the growth of this community and its future endeavours.



Student Pitching their ideas in front of guest



Group Image

# 2. 3D Printing Workshop – Tumkur Center

On 16th November 2024, a 3D Printing Workshop was conducted at the ComedKares Innovation Hub, Tumkur, with 26 students from SIT and SSIT Tumkur participating. The workshop featured hands-on exercises, live demonstrations, and group critiques, focusing on advanced 3D printing techniques such as design flexibility, accuracy, and prototyping. Participants gained proficiency in collaboration and version control and were provided

with workshop materials, design resources, and access to recorded sessions. The session was highly engaging, equipping attendees with valuable design and technical skills.

10/10 Workshop Rating	10/10 Faculty Rating
100% Percentage of students want to join club	100% Percentage of students interested in building projects in future

#### STUDENT TESTIMONIALS:

- "He taught us excellently." Sanjana B S, Sri Siddhartha Institute of Technology
- "The teaching and infrastructure was all excellent." Preethi B T, Sri Siddhartha Institute of Technology, Tumkur
- "The session was enthusiastic." Vikas Gowda S, SSIT
- "It was very useful, whenever I see any object I remember this course." Sneha S, Sri
   Siddhartha Institute of Technology
- "Teaching and infrastructure was excellent." Rohitha K, Sri Siddhartha Institute of Technology
- "It was nice because I was never aware of these 3D printers. I got a small experience with 3D printers." - Tarun Kumar V.S, Sri Siddhartha Institute of Technology
- "Good experience of 3D modeling and printing." Shreevathsa, Sri Siddhartha Institute of Technology
- "It helps to know about the 3D printing process." Tarun K L, SSIT
- "Sushan brother is so humble that he makes his point more convenient with his smile. Overall the 1st experience with ComedKares was too good." - Rajesh HP, Sri Siddhartha Institute of Technology
- "It really went excellent. No words." Rajeshwari Basanagouda Biradar, Sri Siddhartha Institute of Technology, Tumakuru
- "He explained well and good. We are extremely happy from this workshop and we gained some knowledge." Pooja P C, Sri Siddhartha Institute of Technology, Tumkur.

# **DOCUMENTATION TEAM:**

- **Event Reporting:** The team compiled reports for events held across all centres, including:
- Report Repository: The data repository has been updated college-wise from all centres.-<u>Link</u>

# **CELEBRATING STUDENT AND CENTRE ACHIEVEMENTS!**

Centre Name	Name of the event	No of the Teams participated	No of winnings	Cash Prize Won
Kalaburgi	INEX	4	3 Team -Gold medal	-
Yelahanka	IEEE	1	2 PRIZE	20,000/-
Yelahanka	ECO-HACK	2	2 PRIZE,3PRIZE	7,000/- 5000/-
Gopalan Mall	ECO-HACK	1	1 PRIZE	25,000/-
Belagavi	GIT	3	2	8000/-

### Yelahanka Centre



In November 2024, Students trained at the Yelahanka Center under the mentorship of ComedKares showcased their skills and innovation at the prestigious IEEE event, achieving remarkable success. Among the participating teams, one emerged as a standout, securing the coveted 2nd Prize, along with a cash reward of ₹20,000.

# Yelahanka Centre



On November 18, 2024, Students trained at the Yelahanka Center under the mentorship of ComedKares showcased exceptional talent at the prestigious ECO-HACK competition. Two teams from the center emerged victorious, securing both the 2nd Prize with a cash reward of ₹7,000 and the 3rd Prize, earning ₹5,000.

# **Gopalan Mall Centre**



On November 18, 2024, Students trained at the Gopalan Mall Center, Mysore Road, under the guidance of ComedKares, achieved a significant milestone at the prestigious ECO-HACK competition. A team from the center participated and clinched the 1st Prize, earning a cash reward of ₹25,000 for their outstanding performance.

# Kalburgi Centre



On November 18, 2024, the INEX 2024
Technical Event in Goa featured an innovative competition titled "Robo n Hood."
Representing Shetty Institute of Technology, Kalaburagi, Sanket and his team showcased their exceptional skills by pitching their idea for a "Smart Toilet." Their innovative concept earned them the prestigious Gold Medal, highlighting their creativity and technical expertise.

### **Kalburgi Centre**



On **November 18, 2024**, the **INEX 2024** Technical Event in Goa hosted the "Triple E' Integrals" competition, showcasing innovative ideas. Representing Shetty Institute of Technology, Kalaburagi, the team consisting of Shrinivas, Jayachandra, Arunkumar, and Vivek presented their idea on the "Industrial Rental Equipment Industry." Their outstanding pitch secured Prize, the 1st demonstrating exceptional creativity and problem-solving abilities.

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On November 18, 2024, the INEX 2024 Technical Event in Goa featured the "Hybrid Innovators" competition. Representing Shetty Institute of Technology, Kalaburagi, the team comprising Kedarnath, Pooja, and Shashank delivered an impressive pitch on "Hybrid Doctor and Anti Power Patrol." Their innovative ideas them the earned prestigious Gold Medal, showcasing their creativity and technical expertise.

# NOTABLE VISITS ACROSS THE INNOVATION HUBS



On **November 20, 2024**, **Dr. Girish** from **Raichur Dental College** visited the **Kalaburagi Center**, where he interacted with faculty and students, offering insights into dental education and future opportunities in the field.



On November 13, 2024, the Kalaburagi Center hosted a Guest Visit from prominent industry leaders, including Prashant Mankar, Part President of the Kalyan Karnataka Chamber of Commerce and Industry, Kalaburagi, Ramesh T Malu from DF6 Industrial Estate, MSK Mill Road, and Doddappa Nisty from Minds Solvit Pvt Ltd. The visit focused on fostering collaboration and exploring opportunities for innovation and growth in the region.



On November 15,2024 the Mangalore Center had the privilege of hosting Ms. Poyni Bhat is a distinguished leader in the entrepreneurial ecosystem. She is the former CEO of SINE (Society for Innovation and Entrepreneurship) at IIT Bombay, a founding team member of ISBA (Indian STEPs and Business Incubators Association), a member of the Maharashtra State Innovation and Technology Development Fund, and part of the National Entrepreneurship Advisor Committee (DST, Government of India). Additionally, she serves as a board member of the IIT Dharwad Incubator.



On **November 19, 2024**, we had the distinct privilege of meeting **Dr. Shailaja Vittal**, a celebrated innovator from Tumkur who is making remarkable strides in advancing **Darma Technology** within the region. Her pioneering work, rooted in addressing pressing challenges, has earned her a reputation as a thought leader in innovation. During our engaging discussion, we delved into the nuances of her **patented technologies** and were deeply inspired by the ingenuity and practical impact of her groundbreaking contributions.



Dr. Vittal's commitment to leveraging innovation for community-based solutions resonated strongly with our mission. She expressed a profound interest in forging a partnership with us to explore opportunities for collaborative projects aimed at tackling societal challenges. This meeting marked the beginning of a promising dialogue about pooling our resources and expertise to drive innovation that makes a tangible difference in people's lives.

# **PLAN FOR DECEMBER**

In December 2024, the following activities will be undertaken by the verticals:

#### **Courses:**

In December, we are undergoing the courses for the new academic batch across all the centres.

**Innovators Club -** We will be engaging the Innovators Club across all the 7 centres. ComedKares centres will encourage the formation of **student clubs** within institutions and the centre to continue student association even after their programs and keep the students engaged post-program hours in the centres or their respective colleges.

#### **Documentation:**

The documentation team will focus on the following tasks:

- The team is actively documenting the achievements of colleges across all centres to create comprehensive outreach materials.
- The ComedKares Annual Impact Report is scheduled for completion in December.
- Program outcomes reports will be provided promptly by the team.
- Monthly newsletter content will also be prepared for regular updates on the ComedKares website.