



# KARPAGA VINAYAGA

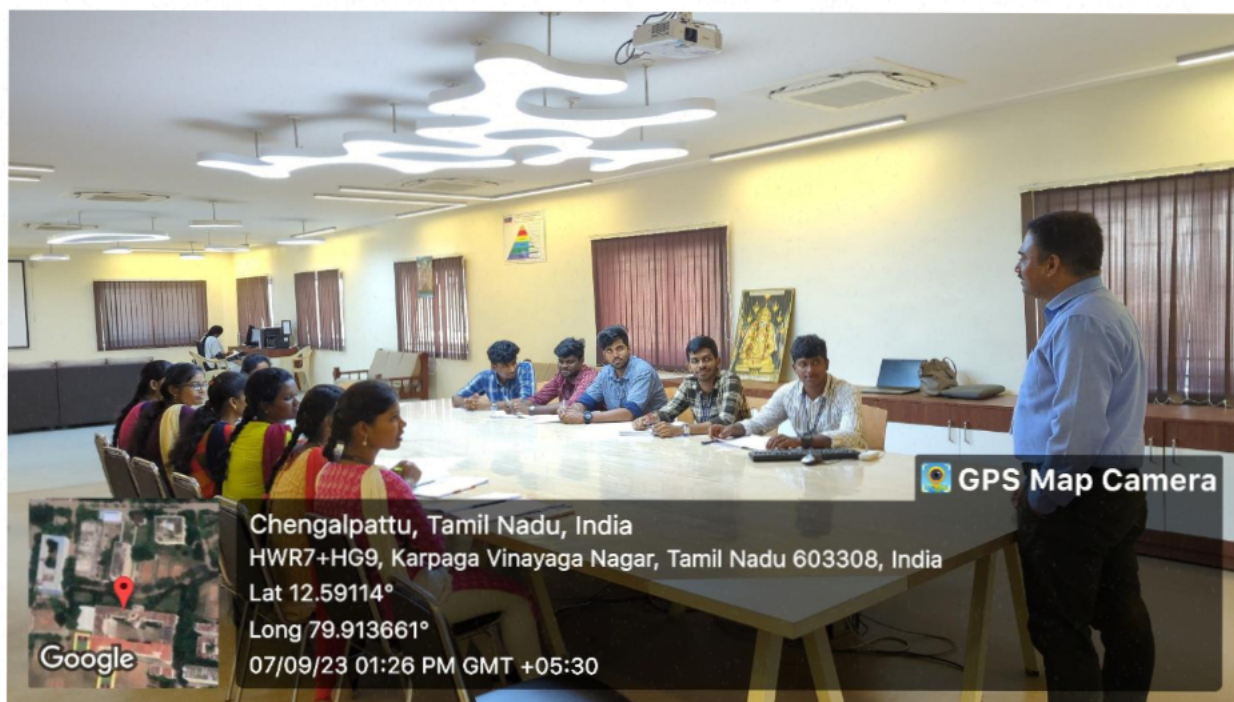
## COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai and Accredited by NAAC)  
GST Road, Chinna kolambakkam, Maduranthagam Taluk, Chengalpattu District - 603 308, Tamil Nadu

### INNOVATIONS AND ECO-SYSTEMS

KVCET has established its Business incubator funded by MSME with the main aim to nurture ideas from professionals/students/ local community and foster such entrepreneurial ideas in a supportive environment before they become attractive for venture capital. The Incubation Centre aims to promote and support the untapped creativity of individual innovators and to assist them in becoming technology-based entrepreneurs. It also seeks to promote networking and forging of linkages with other constituents of the innovation chain for the commercialization of their developments and provide support and training for students and innovators who are interested in converting their social ideas into social startups. Incubation Centre, KVCET will provide the necessary infrastructure, prototype development support, research assistance, help in getting funding, business consulting assistance, mentoring and guidance to make their idea into a successful venture. The following facilities are available in the Incubation cell to provide infrastructure resources to incubate startups

**Innovation Centre:** The Innovation Centre helps in creating the pipeline for entrepreneurship. The innovation centre fosters creative thinking and innovation through an open network of students, faculty members and community members. The innovation centre provides the required resources to become innovators. There are four student startups successfully incubated in our MSME Incubation Centre.



Discussion Room

*SDP*

Coordinator IQAC

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*Agan*

Principal

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**Idea Café:** It encourages interdisciplinary teams to meet, network and brainstorm complex problems. Regular weekly evening seminar series are arranged for innovators and entrepreneurs to gather and share their ideas and challenges. Collaborative teams formed during ideation are provided with co-working space in the Innovation Center. Removed from the hustle and bustle of hostel life, here, students from different departments of KVCET develop and test their ideas to turn them into viable projects. **Makerspace:** Here, innovators are provided with wide range of tools and equipment like 3D printer, IoT & Robotics Kit to develop prototype. **Physical Lab Facilities:** Innovators and startups are permitted to use laboratories, workshop facilities and equipment at KVCET. Computer Centre with High Speed Internet Access is available 24 x 7 x 365 days.



### Showcase of PoC/Products

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**IPR Cell:** An Intellectual Property Rights (IPR) Cell was successfully operating in KVCET to look after the activities related to the Intellectual Property of the Institute and also to create awareness among students, faculties, research scholars and startups. A total of 49 patents were published.



### Demonstration of PoC

**ED- Cell:** The Entrepreneurship Development Cell (EDC) was started with aid from the All India Council for Technical Education, with an aim to create awareness among the students regarding entrepreneurship, to develop entrepreneurial qualities and to motivate students to make their careers as entrepreneurs. ED Cell has received grants of Rs. 21, 70,000/- from various agencies like AICTE, New Delhi, DST-NIMAT Project, through EDIL, Ahmedabad, conducting Entrepreneurship Awareness Programs, Faculty Development Programs, Entrepreneurship Development Programs, Technical Entrepreneurship Development Programs for Faculty and Students of Science and Technology.

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Entrepreneurship Development Cell



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EDC Meeting Hall

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### Discussion Room EDC Students

**AI & Robotics Club** is to inspire young minds and to be the driving force in the field of Robotics by engaging them in exciting mentor-based programs that build engineering skills, inspire innovations and foster well-rounded life capabilities including Self-Confidence, Communication and Leadership. The AI & Robotics club is a student-run club meant to encourage and enable students to utilize and enrich their creativity and engineering skills through Artificial Intelligence and Robotics. The club also strives to stimulate interest in Artificial Intelligence and Robotics among the students of the institute.



*SDR*

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### Robotic Competition by AI & Robotics Club

*Agam*

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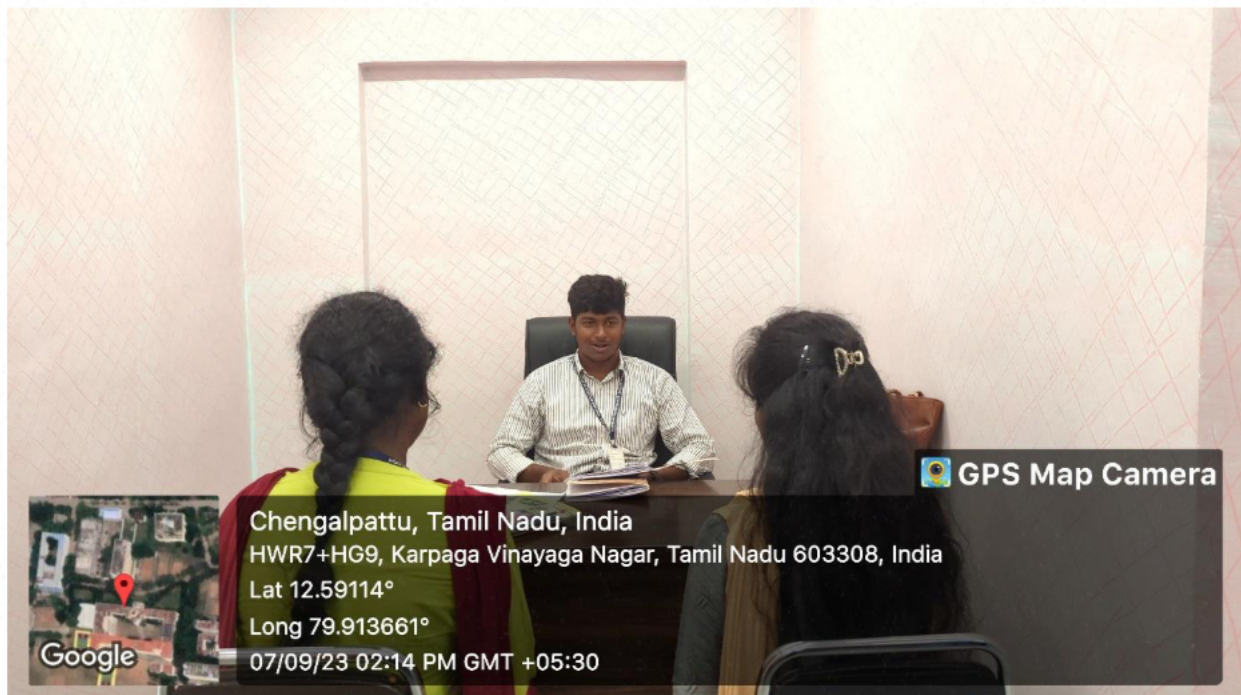


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**Startups Cell-** Students will be allowed to set up a start-up and work part-time for these start-ups while studying. Students will also be allowed to opt for start-up in place of their mini project/ major project, seminars, and summer training, with approval from the head of the department and the head of the institution. Students will be permitted to use the start-up idea/prototype development as their major project work for the Institute's academic requirements. The area in which a student wants to initiate a start-up may be interdisciplinary or multidisciplinary. The Institution will exempt students affiliated with the Incubation Centre @KVCET to avail maximum of up to 20% attendance in any semester. Including this grace of 20% attendance, students should secure a minimum attendance percentage as prescribed by Anna University in each subject to appear for the end-semester examination. Students who are under incubation, but are pursuing some entrepreneurial ventures while studying are to be allowed to use their address in the institute to register their company with due permission from the head of the institution.



Office room for Faculty/Student Startup

  
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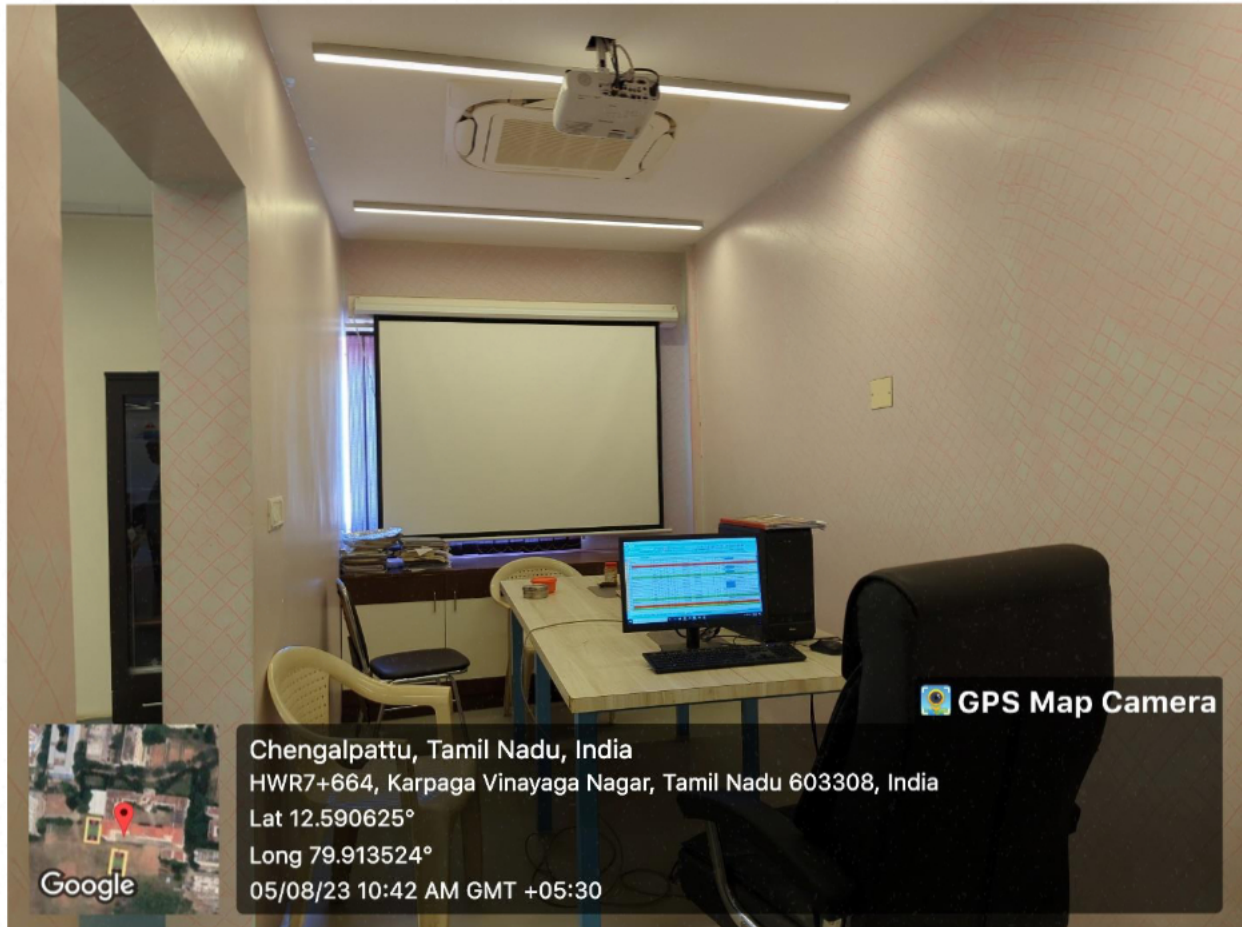
  
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### Dedicated Workplace for startup

Our institute is an active member of the Institution Innovation Council and conducts stipulated activities as framed by the Institution Innovation Council like IIC calendar activities, MIC-driven activities, Celebration activities, Self-driven activities and National Innovation Contest. Our college has also emerged as a Band Promising Institution in the ATAL ranking of Institution Innovation and achievements assessed by MoE's ARIIA platform.

  
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