



# Karunya

**DEEMED UNIVERSITY**

SOLVING HUMAN PROBLEMS  
NAAC Accredited A++

**Accreditation**



A++ Grade



B. Com and  
Management Programs



Engineering and  
Management Programs



B.Sc. (Hons.)  
Agriculture Program

**Global Ranking**



World  
University  
Rankings 2025  
1201-1500 Band



## GLOBAL

# ROBOTICS INNOVATION CAMP

(GRIC - 2026 - INTERNATIONAL SUMMER SCHOOL)

**Application  
Timeline**

April 15th 2026



**JULY  
13-24,  
2026**

(Two Weeks)

PROGRAMME FEE

**1000**

US \$

(TUITION FEES,  
BOARDING, LODGING,  
INDUSTRY AND  
EXCURSION TRIPS  
ARE INCLUDED)



**Contact:**

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Further details contact :  **+91 94878 46543**

# Course Schedule (GRIC) 2026

Date	09:00 - 10:30	10:30 - 11:00	11:00 - 12:30	12:30 - 14:00	14:00 - 16:00
July 13	Welcome & Program Overview	INTERVAL	Fundamentals of Robotics & AI	LUNCH BREAK	Introduction to Robotics Simulation Tools
July 14	Basics of Kinematics in Robotic Systems		Dynamics & Control of Robotic Manipulators		Hands-on: Simulating Robotic Arms
July 15	Introduction to Computer Vision for Robotics		Machine Learning Applications in Robotics		Hands-on: Object Detection & Recognition
July 16	Types of Sensors in Robotics		Sensor Fusion & Data Processing		Hands-on: Programming Embedded Systems
July 17	Guest Lecture from Industry Expert		Problem Statements from Industry Partners		Team Formation & Initial Project Discussion
July 18	Industry Visit		Industry Visit		Guided City Tour (Coimbatore City)
July 19	Excursion to Ootacamund (Ooty)		Excursion to Ootacamund (Ooty)		Excursion to Ootacamund (Ooty)
July 20	Fundamentals of Autonomous Navigation		Path Planning Algorithms		Hands-on: Implementing Autonomous Movement
July 21	Introduction to Human-Robot Interaction (HRI)		Ethical Considerations in Robotics & AI		Interactive Session: Designing User-Friendly Robots
July 22	Deep Learning for Robotics		Reinforcement Learning in Robotic Applications		Hands-on: Training AI Models for Robots
July 23	Project Work & Testing		Industry Mentor Feedback Sessions		Finalizing Project Presentations
July 24	Final Project Presentations		Panel Review & Feedback		Certification & Closing Remarks

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### Contact Information

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