

4.3.1. b Free Access to Campus Facilities and Equipment





SRI KRISHNA COLLEGE OF ENGINEERING AND TECHNOLOGY

An Autonomous Institution| Approved by AICTE| Affiliated to Anna University
Kuniamuthur, Coimbatore - 641008

S.No	Name of the Programme	Venue	Participants
1	Workshop on Introduction to Robotics	Sri Krishna College of Engineering and Technology ,Coimbatore	65
2	Smart Foundry	Sri Krishna College of Engineering and Technology ,Coimbatore	30





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Workshop on Introduction to Robotics





The Institution's Innovation Council in association with Robotics Club of Mechatronics Engineering Department conducted one day "Workshop on Introduction to Robotics , Automation, 3D Printing and Hands on training in ATAL Tinkering Lab - Hands on Training -Cum-Mentoring Session for ATAL Schools" for the students of Government Girls Higher Secondary School , Thondamuthur, Coimbatore on 24-08-2022.

Mentored by Ms.S.Kannaki, Dr N.Mithran, Ms.S.Nithyapriya, Ms. R.Priyadharshini, Mr T Vignesh Faculty of MCT along with student volunteers P. Sreehari, S. Shannon and B. Nellaiappan, Udayashree from final year students of Mechatronics Department.

The outreach activity aimed to educate the young minds on the following topics:

- Robotics and Automation
- 3D printing
- Hands on " Arduino Platform "

Around 65 school students actively participated in the event.





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Training on Smart Foundry

Skill Development Programme on **Smart Foundry** was organized on 01-08-2022 and 02-08-2022. This training was provided to external participants with hands-on experience and deep insights into the principles and applications of Industry 4.0 in the foundry sector. Through interactive sessions, real-world case studies, and live demonstrations, attendees had gained the skills needed to implement smart, efficient, and sustainable foundry operations.

Around 30 external participants attended the programme which was conducted in association with the Instrumentation Sector Skill Council. Participants who completed the program received a “Smart Foundry” certificate from SKCET, recognized as a mark of competency in smart manufacturing technologies.

Topics Discussed:

- Overview of foundry industry.
- Basic training on Auto Cast simulation software.
- Hands on demonstration of pattern making, metal melting and casting of solids.
- Role of 3D printing and its overview.





