



*Shri Shamrao Patil(Yadravkar) Educational & Charitable Trust's*  
**Sharad Institute of Technology College of Engineering**

Yadav (Ichalkaranji)-416121 Dist:Kolhapur

**An Autonomous Institute**

*(Approved By AICTE,New Delhi, Recognized by Government of Maharashtra &  
Affiliated to Dr.Babasaheb Ambedkar Technological University,Lonere, NBA Accredited Programs, Accredited  
with 'A' Grade by NAAC, ISO 9001:2015 Certified Institute)*

**ROBO Club**

**Activity Conducted Academic Year-2025-26**

<b>Sr No</b>	<b>Name of Activity</b>	<b>Date of Activity</b>	<b>Mapping with SDG Goal with name</b>	<b>Remark (Justification)</b>
1	One day workshop	15/07/2025	SDG 4: Quality Education	One-day workshops in robotics clubs enhance hands-on STEM learning, build technical skills like programming and engineering, and promote inclusive, equitable education through practical training and innovation exposure.
2	Outreach program	22/08/2025	SDG 4: Quality Education	Outreach programs extend robotics and STEM education to schools or communities, fostering interest in technology among underrepresented groups, supporting lifelong learning opportunities, and aligning with equitable quality education goals.



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### ROBO Club

#### Activity Conducted Academic Year-2024-25

Sr No	Name of Activity	Date of Activity	Mapping with SDG Goal with name	Remark (Justification)
1	Silicon Fusion - Robo Soccer	26-27 Sep 2024	SDG 9: Industry, Innovation and Infrastructure	Robotics competitions like Robo Soccer promote hands-on innovation, engineering design, teamwork, and development of advanced autonomous systems in robotics and AI.
2	Impetus - Robo Race	15 Oct 2024	SDG 9: Industry, Innovation and Infrastructure	Robo Race events encourage building fast, resilient robots to navigate challenges, fostering skills in mechanical design, control systems, and problem-solving for future industrial applications.
3	Ekum - Robo Soccer	25-26 Oct 2024	SDG 9: Industry, Innovation and Infrastructure	Robo Soccer challenges teams to design and program robots for strategic gameplay, enhancing innovation in automation, sensor integration, and real-time decision-making technologies.
4	IoT and Raspberry Pi	16-19 Dec 2024	SDG 9: Industry, Innovation and Infrastructure	Workshop on IoT and Raspberry Pi builds practical skills in embedded systems, connectivity, and smart device development, supporting technological innovation and sustainable infrastructure.



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### ROBO Club

#### Activity Conducted Academic Year-2023-24

Sr No	Name of Activity	Date of Activity	Mapping with SDG Goal with name	Remark (Justification)
1	Orientation Program	14/07/2023	SDG 4: Quality Education	Orientation introduces students to robotics concepts, tools, and club activities, building foundational STEM knowledge, computational thinking, and interest in engineering education.
2	Robo Race (Winner)	28/10/2023	SDG 9: Industry, Innovation and Infrastructure	Robo Race competitions involve designing and building high-speed autonomous or line-following robots to navigate tracks, promoting innovation in robotics engineering, sensor integration, and mechanical design for industrial applications.
3	Yantra Yudha (IInd)	11-12/12/2023	SDG 9: Industry, Innovation and Infrastructure	Yantra Yudha (likely a battle or combat robotics event) challenges teams to create strategic, durable robots for head-to-head competition, fostering advancements in automation, AI-driven control, and resilient engineering systems.
4	Robo Menia (IIIrd)	26-27/02/2024	SDG 9: Industry, Innovation and Infrastructure	Robo Menia is a multi-category robotics competition encouraging creative robot design and programming, enhancing problem-solving, innovation, and skills relevant to building sustainable technological infrastructure.
5	Robo Wrestling (Ist)	23/04/2024	SDG 9: Industry, Innovation and Infrastructure	Robo Wrestling (similar to robot-sumo or combat events) requires building strong, intelligent autonomous robots to outmaneuver opponents, advancing expertise in sensors, actuators, strategy, and durable robotics technologies for future industries.



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### ROBO Club

#### Activity Conducted Academic Year-2022-23

Sr No	Name of Activity	Date of Activity	Mapping with SDG Goal with name	Remark (Justification)
1	Orientation Program	01/07/2022	SDG 4: Quality Education	Orientation introduces students to robotics fundamentals, club activities, tools, and opportunities, building foundational STEM skills, interest in engineering, and access to quality technical education.
2	Stapatykala (Winner)	15/10/2022	SDG 9: Industry, Innovation and Infrastructure	Robotics/engineering competition (likely model or tech presentation event) promotes creative design, innovation, and technical problem-solving, contributing to building resilient infrastructure through skill development in engineering.
3	Robo Race (Winner)	09/12/2022	SDG 9: Industry, Innovation and Infrastructure	Robo Race involves designing fast, precise robots to navigate tracks, fostering advancements in automation, control systems, sensors, and mechanical engineering for industrial applications.
4	Model Making (Runner-up)	28/02/2023	SDG 9: Industry, Innovation and Infrastructure	Model-making competitions encourage prototyping and innovative engineering solutions, supporting technological progress and infrastructure development through practical STEM application.
5	Robo Quest (Participation)	17/05/2023	SDG 9: Industry, Innovation and Infrastructure	Robo Quest is a robotics challenge/competition event promoting robot design, programming, and teamwork, enhancing innovation in automation and preparing students for future tech industries.