



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)

### Coding Club

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

Sr No	Name of Activity	Date of Activity	Mapping with SDG Goal with name	Remark (Justification)
1	Bug Buster - "Debugging challenges for coders"	30/01/2025	SDG 4: Quality Education	Debugging challenges enhance critical thinking, analytical skills, and programming proficiency, promoting hands-on, quality technical education and lifelong learning in computer science and software development.
2	Meta Matrix Coding	24/09/2024	SDG 4: Quality Education	Matrix-based coding activities (likely involving algorithms, data structures, or matrix operations) build strong foundational coding skills, computational thinking, and problem-solving, supporting inclusive and equitable quality education in STEM fields.
3	Hackathon 2K25	05/02/2025	SDG 9: Industry, Innovation and Infrastructure	Hackathons foster rapid innovation, collaborative problem-solving, and development of software prototypes or solutions, directly contributing to technological advancement, resilient infrastructure, and sustainable industrialization through creative engineering and IT skills.



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

Sr No	Name of Activity	Date of Activity	Mapping with SDG Goal with name	Remark (Justification)
1	Guest Lecture on "Mastering Competitive Programming"	03/04/2024	SDG 4: Quality Education	Guest lectures on competitive programming build advanced algorithmic thinking, problem-solving, and coding proficiency, promoting inclusive, equitable, and quality technical education while preparing students for global coding competitions and careers in software development.
2	Guest Lecture on "Preparing for Hackathons"	02/02/2024	SDG 9: Industry, Innovation and Infrastructure	Hackathon preparation sessions equip students with skills for rapid prototyping, teamwork, and innovative solution-building under time constraints, directly supporting technological innovation, resilient infrastructure, and sustainable industrialization through practical IT and software engineering exposure.
3	Logic Loom – "Weave the Logic, Solve the Puzzle"	04/08/2023	SDG 4: Quality Education	Logic puzzles and challenges strengthen computational thinking, reasoning, and foundational programming logic, fostering quality education in STEM by developing critical analytical skills essential for coding and digital literacy.



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### Coding Club

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

Sr No	Name of Activity	Date of Activity	Mapping with SDG Goal with name	Remark (Justification)
1	Code Golf – "Shortest Code Challenge"	03/04/2023	SDG 4: Quality Education	Code Golf challenges develop advanced programming efficiency, algorithmic thinking, and creativity in code optimization, enhancing computational skills and quality STEM education through engaging, puzzle-like coding exercises that build lifelong digital literacy.
2	Mini Hackathon – "Tech for Good"	22/09/2022	SDG 9: Industry, Innovation and Infrastructure	Mini hackathons themed "Tech for Good" encourage rapid prototyping of technology solutions for societal benefit, fostering innovation, collaborative problem-solving, and development of sustainable tech tools that support resilient infrastructure and inclusive industrialization.