

3. SDG Alignment

Sr. No.	SDG NO.	Relevant (SDG) Goal	How the Activity Contribution
1	SDG 4	Quality Education	Provides experiential and hands-on technical learning and develops practical skills beyond conventional classroom teaching.
2	SDG 8	Decent Work and Economic Growth	Enhances employability, technical competency, workplace safety awareness, teamwork, and industry-oriented skills.
3	SDG 9	Industry, Innovation and Infrastructure	Promotes engineering innovation, design, analysis, fabrication, manufacturing skills, and participation in technology-based competitions.

4. Program Outcomes (PO) Alignment (If any)

PO	Program Outcome	Level
PO1	Engineering Knowledge	Highly Relevant
PO2	Problem Analysis	Highly Relevant
PO3	Design/Development of Solutions	Highly Relevant
PO5	Modern Tool Usage	Highly Relevant
PO9	Individual and Team Work	Highly Relevant
PO10	Communication	Medium Relevant
PO11	Project Management and Finance	Highly Relevant
PO12	Life-long Learning	Medium Relevant



5. Key Outcomes / Impact

- 40 students received practical exposure to fabrication machinery and workshop practices.
- Students gained awareness of **GO-KART competition criteria and requirements**.
- Students developed an understanding of **Go-Kart design and analysis**.
- Students gained practical exposure to **lathe, grinding, welding, milling, and shaping machines**.
- Students learned the importance of **teamwork and coordination** in completing technical projects.
- Students gained knowledge of **market analysis** relevant to technical project development.
- Students learned approaches for dealing with **logistical and project execution difficulties**.
- The training had a positive impact on the students by providing them with **direct practical exposure to workshop machinery and fabrication processes**. Such hands-on experience helps students develop confidence in applying engineering concepts in real-world situations.
- The Go-Kart-oriented sessions also helped students understand that successful technical projects require more than design knowledge; they require **teamwork, planning, market awareness, resource management, safety consciousness, and effective problem-solving**.
- The programme also promoted a culture of **experiential learning, innovation, teamwork, and continuous skill development** among participating students.

6. Evidence / Photos:

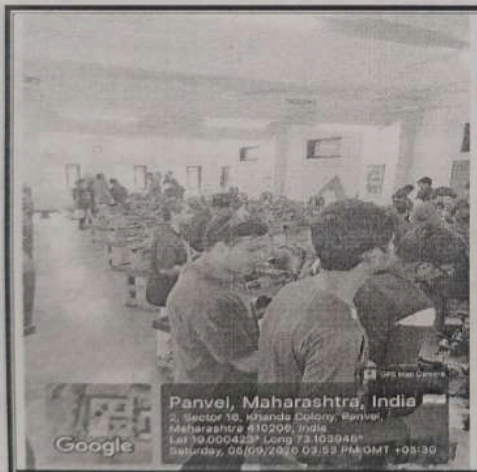


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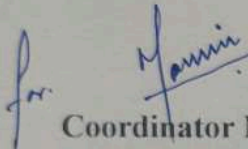


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7. Conclusion

The Two Days Hands-on Training on Fabrication & Safety, conducted on 04th and 05th September 2026 at AIKTC Campus by TEAM INFERNOS, was a valuable technical skill-development initiative. With 40 students participating, the program successfully combined theoretical orientation with practical exposure.

The training covered GO-KART competition criteria, design and analysis, market analysis, teamwork, logistical problem-solving, workshop safety, and hands-on operation of fabrication machinery such as lathe, grinding, welding, milling, and shaping machines.



Coordinator Name & Sgin



HoD Name & Sign

