Course Objectives

- Foster innovation and problem-solving culture aligned with SSIP's vision.
- Provide hands-on exposure to electronics, automation, AR/VR, drones, mechatronics, and renewable energy.
- Encourage interdisciplinary thinking and application-oriented learning.
- Offer guided mentoring for idea-to-prototype transformation through Innovation Club resources.

Who Can Join ?

Students from any branch interested in innovation and technology and aspiring to develop prototypes for funding and competitions.

Last Date of Registration: 18th December, 2025 by 5:00 pm

About the Programme

This 30-hour hands-on training programme focuses on learning through DIY (Do-It-Yourself) kits in areas like basic and advanced electronics, AR/VR, renewable energy, mechatronics, agritech, telescope activities, and drones. It aims to build an innovation-driven culture by helping students learn concepts practically and apply them to simple real-life problems.

The programme supports students in developing creative thinking, problem-solving skills, and basic prototyping abilities, which can further grow into project ideas under SSIP and Innovation Club activities. Participants will work in small groups, receive guidance from faculty mentors, and receive a certificate on successful completion.

D K V Arts & Science College Jamnagar

Practical Training Workshops Using DIY Kits under Innovation Culture Initiatives

INNOVATION CLUB
COMMISSIONERATE OF HIGHER EDUCATION

SSIP

Organised by:

SSIP Cell & Innovation Club /
Institution's Innovation Council (IIC)
D K V Arts & Science College Jamnagar

Faculty Coordinator:

Dr. Foram P Patel
Assistant Professor (Zoology)
D K V Arts & Science College Jamnagar

Registration Link / QR:

Learning Outcomes:

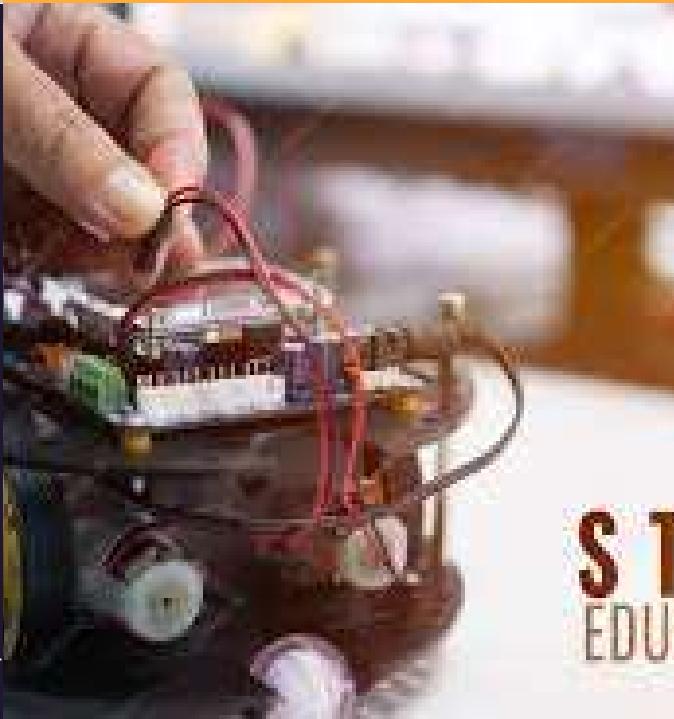# Course Duration

Date: 22nd December to 27th December, 2025
Time: 10: 00 am to 04:30 pm
Total Duration: 30 Hours (Offline)
Mode of Delivery: Practical workshops using DIY Kits
Modules: 10 Sessions × 3 Hours Each
Venue: Sciece Smart classroom, D K V Arts & Science College Jamanagr

By the end of the course, learners will:

- Develop hands-on skills in electronics, AR/VR, drones, renewable energy, mechatronics, and agritech.
- Be able to identify real-life problems and build basic prototypes aligned with SSIP and IIC expectations.
- Get mentoring inputs for converting selected prototypes into SSIP proposals or Innovation Club projects.
- Receive a 30-hour Certificate jointly under SSIP Cell & Innovation Club/IIC (subject to institute rules).