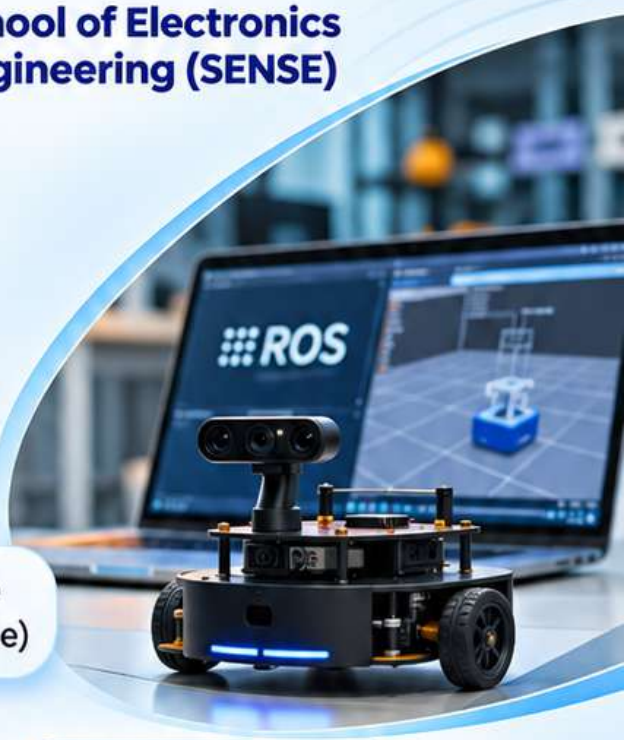
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School of Electronics Engineering (SENSE)

## Value Added Course on

# VAC2412: Robotic Fundamentals and Introduction to ROS




**9th December 2026 to 27th February 2027**

**Hybrid Mode** (Online + Offline)

## About the Course

Hands-on training in modern robotics, covering robot dynamics, kinematics, sensing, perception, motion control and ROS, with simulation using Gazebo, RViz and SLAM on Turtlebot.

## Target Audience

**UG/PG Students & Research Scholars**

## Key Topics

- Robot Dynamics & Kinematics
- Sensing & Perception
- Motion Control
- Localization & Mapping (SLAM)
- ROS (Nodes, Topics, Services)
- Simulation (Gazebo & RViz)

## Lectures Schedule

**Online:** 07:30 PM – 09:30 PM (Weekdays)
**Offline:** 09:30 AM – 01:30 PM (Selected Saturdays)

**Offline Venue**
**TT 312**

## Registration Fee

**INR 300/-**
(Excluding 18% GST)

## Coordinators

**Dr. Budhaditya Bhattacharya**, Professor
budhaditya@vit.ac.in 9944658860

**Dr. Mohiul Islam**, Assistant Professor
mohiul.islam@vit.ac.in 9854662380

**Dr. Kathirvelan J**, Professor
j.kathirvelan@vit.ac.in 95003 56597

## Register Now

https://events.vit.ac.in/

Last Date for Registration: **8th December 2026**

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# Value Added Course
## on
## VAC2412: Robotic Fundamentals and Introduction to ROS

## 9th December 2026 to 27th February 2027

## Course Schedule

| S. No | Date | Day | Time | Mode |
|---|---|---|---|---|
| 1 | 09/12/2026 | Wednesday | 7.30 PM-9.30 PM | Online |
| 2 | 10/12/2026 | Thursday | 7.30 PM-9.30 PM | Online |
| 3 | 11/12/2026 | Friday | 7.30 PM-9.30 PM | Online |
| 4 | 16/12/2026 | Wednesday | 7.30 PM-9.30 PM | Online |
| 5 | 17/12/2026 | Thursday | 7.30 PM-9.30 PM | Online |
| 6 | 18/12/2026 | Friday | 7.30 PM-9.30 PM | Online |
| 7 | 09/01/2027 | Saturday | 9.30 AM-1.30 PM | **Offline** |
| 8 | 18/01/2027 | Monday | 7.30 PM-9.30 PM | Online |
| 9 | 19/01/2027 | Tuesday | 7.30 PM-9.30 PM | Online |
| 10 | 04/02/2027 | Thursday | 7.30 PM-9.30 PM | Online |
| 11 | 05/02/2027 | Friday | 7.30 PM-9.30 PM | Online |
| 12 | 19/02/2027 | Friday | 7.30 PM-9.30 PM | Online |
| 13 | 27/02/2027 | Saturday | 9.30 AM-1.30 PM | **Offline** |

**Registration Fee:**
Students/Research Scholars: INR 300/-
(Excluding 18% GST)

**Registration Link:**
https://events.vit.ac.in/

**Target Audience**
UG/PG Students/Research Scholars


**Contact:**
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