



VIT
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

Value-Added Course on **INDUSTRY 5.0**



22 AUG - 12 SEP, 2026



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)



codenplay
robotics

Industry 5.0 [VAC2354]

Learning Outcomes:

On completion of the course, participants will be able to

1. Understand Industry 5.0 concepts and industrial automation.
2. Develop PLC programs using IEC 61131-3.
3. Configure industrial communication protocols.
4. Perform hands-on simulation of industrial processes using Factory I/O.
5. Develop hands-on automation applications using Node-RED.
6. Implement cloud-based industrial automation solutions.

Course Content:

1. Introduction to Industry 5.0
2. PLC Programming Techniques
3. M2M Communication Protocols
4. 3D Simulation
5. Open Platform Communications (OPC UA)
6. Data Transfer to Cloud Platforms

Why Join?

1. Hands-on PLC Programming
2. Factory I/O Simulation
3. Cloud-based Automation
4. Industry Expert Sessions
5. Industry-Oriented Practical Training
6. Certificate upon successful completion

Industry Partner:

CodenPlay Robotics, Bengaluru

Contact:

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Course Schedule

Dates	Time
22, 23 Aug 2026 (Sat - Sun) Offline @ VIT Campus	9 am – 5 pm
29, 30 Aug 2026 (Sat - Sun) Online	9 am – 1 pm
05, 06 Sep 2026 (Sat - Sun) Online	9 am – 1 pm
12 Sep 2026 (Sat) Offline @ VIT Campus	9 am – 5 pm

Who can attend?

UG/PG Students, Research Scholars

Register Now:

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

Registration Fee:

Students/Scholars: **Only ₹1000/-**
Inclusive of 18% GST

Coordinators:

Dr. Konguvel E., Asso. Professor
Dr. Vidhya S., Professor

Advisors:

Dr. Sundar S., Asso. Professor & Head
Dr. Sathya P., Asso. Professor & Head

Convenor:

Dr. Jasmin Pemeena Priyadarisini M., Professor & Dean

Scan to Register



**School of Electronics Engineering,
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www.vit.ac.in**

VIT - A Place to Learn; A Chance to Grow