10 Days Summer Internship Program on
IOT-CLOUD AND AI DRIVENSUSTAINABLESOLUTIONS

(Hybrid mode)

Organizers

Dr. R. Sujatha (+91861004 5822)
Professor, VIT, Vellore.
Dr. S. Rajalakshmi (+919894283831)
Assistant Professor, VIT, Vellore.

Convener

Dr. M. Jasmine Pemeena Priyadarsini
Dean, SENSE, VIT, Vellore.

Organized by
School of Electronics Engineering (SENSE)
VIT, Vellore.

5th to 14th May 2025

Target Participants :
UG | PG | Research scholars Industry Personnel

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

Last date for Registration:
30.04.2025

SUMMER INTERNSHIP SCHEDULE

Industry experts will pitch problem statements, setting a platform for Interns to develop innovative solutions during the internship program, mentored by faculty experts. Solutions will be evaluated by both industry and academic experts.

SI.NO	Date	Session-1 (9.30 AM to 12.30 PM)	Session-2 (2.00 Am to 5.00 PM)
1	05/05/25 (Monday) Online	Resource Person: Dr. R. Sujatha, Professor & Dr. S. Rajalakshmi, Asst. Prof., SENSE, VIT, Vellore. *Title:* Introduction to the Internship.	Problem statements pitching by industry experts on AI-IoT driven sustainable solutions.
2	06/05/25 (Tuesday) Online	Resource Person: Advanced Reality, Bangalore. Title: AI-IoT fundamentals and Optimization,	Resource Person: LQ Technologies, Bangalore. Title: IoT Platform Scalable Architecture.
3	07/05/25 (Wednesday) Online	Resource Person: Dr. K. Selvakumar, NIT, Trichy, Tamil Nadu. Title: Road Map to AI & ML Integrated IoT for Precision Agriculture, Food Defect Detection and Food Quality Monitoring.	Resource Person : Dr. Ramanathan, Professor, SOCPE, VIT, Vellore. Title: Fog and Edge Computing in Health care Applications.
4	08/05/25 (Thursday) Online	Resource Person : Dr. Damodar Reddy, NIT Goa, Maharashtra. Title: Brain-Computer Interface for Internet of Medical Things (IoMT)).	Resource Person: Dr. Damodar Reddy, NIT Goa, Maharashtra. Title: Deep Learning: Challenges and Applications.
5	09/05/25 (Friday) Online	Resource Person:Sebastian Obeta Title:AI at the Edge and the Cloud: Powering Sustainable Smart Cities with IoT.	Resource Person: EDIGIM Title: AI IoT Fundamentals and Optimization.

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6	10/05/25 (Saturday) **Offline**	**Resource Person :OMNIWOT, Bangalore.** **Title : Explore VIT, Vellore IoT Lab, Hands-on Session on AI, IoT and Cloud computing use cases.**	**Resource Person : OMNIWOT, Bangalore.** **Title : Explore VIT, Vellore IoT Lab, Hands-on Session on AI, IoT and Cloud computing use cases.**
7	11/05/25 (Sunday) Online	**Resource Person : Mr. Govardhini, IoT Developer, Digitoad** **Title : AI-IoT Fundamentals and Optimization.**	**Resource Person: OMNIWOT, Bangalore.** **Title: Hands -on Session on AI, IoT and Cloud computing use cases.**
8	12/05/25 (Monday) Online	**Resource Person: Dr. A. Karthikeyan, Asso. Professor, SELECT, VIT, Vellore.** **Title : Recent Trends and Challenges in IoT with Use cases.**	**Resource Person: Dr. S. Balaji, Professor, SELECT, VIT, Vellore.** **Title : Role, Application, Benefits of Smart Cities in IOT.**
9	13/05/25 (Tuesday) Online	**Resource Person : Evolution of Electronics in Automobile.** **Title: Mr. Shreerang, Technical Engineer, Renault Nissan.**	**Resource Person: Dr. R. Sujatha, Professor, VIT, Vellore.** **Title: AWS Cloud to build IoT solutions.**
10	14/05/25 (Wednesday) Online	**Resource Person:Dr.Mariappan, Professor, SCOPE, VIT, Vellore.** **Title: NVIDIA Edge AI Platform in Real Time Applications for Sustainable Development.**	**Evaluation of projects , Feedback and Certificate Distribution, Vote of Thanks.**

10 Day summer Internship on
AI, IOT AND CLOUD , VIT, VELLORE

May 5 – 14, 2025

Time zone: Asia/Kolkata

Google Meet joining info

Video call link: https://meet.google.com/bed-vigv-aee

Or dial: (US) +1 203-805-7797 PIN: 995 808 777#

More phone numbers: https://tel.meet/bed-vigv-aee?pin=2435914639577

NOTE:
The link is same for the 10 days.