



Department of Electronic & Telecommunication Engineering

Topic Name:	Workshop on Real time Data Acquisition, Processing and Remote Monitoring using Cloud Platform
Name of the Person:	Mrs. Poonam Gawade
Organization/Institution:	Tantraniketan, Dahisar
Date & Time	12 th Feb 2026, 9 am to 4 pm
Number of Students:	33

Programme Summary / Details:

The Department of Electronics & Telecommunication Engineering, VIVA Institute of Technology, organized one day workshop on **"Real-time Data Acquisition, Processing and Remote Monitoring using Cloud Platform"** on 12th February 2026 at 9:00 AM in Computer Lab-8.

The session was conducted for SE EXTC students to provide practical insights into modern data acquisition systems and cloud-based monitoring technologies. The objective of the lecture was to help students understand how real-time data is collected from sensors, processed efficiently, and monitored remotely using cloud platforms.

Session Highlights

- The speaker explained the concept of real-time data acquisition and its importance in modern electronic systems.
- Students were introduced to different types of sensors and data collection methods.
- The session covered data processing techniques and how microcontrollers interface with cloud platforms.
- Practical examples were shared on remote monitoring applications such as IoT-based systems, smart monitoring, and industrial automation.
- The importance of cloud computing in storing, analyzing, and visualizing real-time data was discussed.
- The speaker also guided students on career opportunities in IoT, embedded systems, and cloud-based technologies.

Impact on Students

- Students gained practical knowledge about integrating hardware systems with cloud platforms.
- The session enhanced their understanding of IoT and real-time monitoring systems.
- It helped bridge the gap between theoretical concepts and real-world applications. The session was highly informative and technically enriching. The speaker explained the concepts of real time data acquisition and cloud integration in a simple and understandable manner. Students appreciated the practical demonstrations and real-world applications discussed during the lecture. The organizers deserve appreciation for arranging such a valuable and industry-oriented technical session. The speaker's interactive teaching style kept students engaged and encouraged active participation throughout the session.



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The lecture effectively bridged the gap between theoretical knowledge and practical implementation in the field of IoT and cloud computing. Students also appreciated the clear explanation of both technical challenges and emerging opportunities in this domain.

The session "Real-time Data Acquisition, Processing and Remote Monitoring using Cloud Platform" successfully highlighted the importance of integrating hardware systems with cloud technologies for modern engineering solutions. It encouraged students to focus on building strong technical fundamentals, hands-on skills, and innovative thinking in emerging technologies. Such sessions play a vital role in enhancing practical knowledge and preparing students for evolving industry requirements in electronics, IoT, and cloud-based systems.





Department of Electronics and Telecommunication Engineering

TOPIC: ¹¹ Real Time Data Acquisition, processing & remote monitoring using cloud platform
 By: Poonam Gawade Date: 12th Feb 2026

Sr. No.	Class	Name of Student	Sign
1	S.E	Ankita Avasare	Ankita
2	S.E	Ansari Insha	Insha
3	SE	Arpita Rai	Arpita
4	S.E	Aryan Puri	Aryan
5	S.E.	Atharva Mungale	Atharva
6	S.E	Shravani Sawant	Shravani
7	SE	Preeti Fulmali	Preeti
8	SE	Shorya bhosale	Shorya
9	SE	Atanksha Jaiswal	Atanksha
10	SE	KANBKA MESTA	Kanbka
11	SE	Jayanta Choudhary	Jayanta
12	SE	Sarthak Kharat	Sarthak
13	S.E	Krish Kini	Krish
14	S.E	Harsh Mane	Harsh
15	SE	Harsh Trivedi	Harsh
16	SE	Mihir Kokate	Mihir
17	SE	Muskan Shaikh	Muskan
18	SE	Namrata Sonawane	Namrata
19	SE	Yash Kasar	Yash
20	SE	Tushar Kadam	Tushar
21	SE	Yash Sonawane	Yash
22	SE	Nishchay Vaity	N.H. Vaity
23	SE	Paras Palekar	Paras
24	SE	Sridhar Shedge	Sridhar
25	SE	Prachi Pandey	Prachi
26	SE	Soham Govekar	Soham
27	SEEXTC	Prathamesh Sonawane	Prathamesh
28	S.F EXTC	Prem dange	Prem
29	SE EXTC	Sejal Yadav	Sejal
30	SEEXTC	Rohan Warang	Rohan

Name and Signature of Speaker:

Poonam Gawade
 P.G.



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Department of Electronics and Telecommunication Engineering

TOPIC: Real time Data Acquisition, Processing & Remote monitoring using
By: Poonam Gaware cloud platform. Date: 12th Feb 2026

Sr. No.	Class	Name of Student	Sign
31	SE EXTC	Sanjana Kadam	Sanjana
32	SE EXTC	Vedant Sawant	Vedant
33	SE EXTC	Samarpit Shilpase	Shilpase
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Name and Signature of Speaker:

Poonam Gaware
Poonam



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Shri. Hitendra V. Thakur
President

Ms. Aparna P. Thakur
Secretary

Dr. Arun Kumar
Principal

Ref. No. : VIVA/VIT/ 789 /2025-26

Date : 17/02/2026

To,
Mrs. Poonam Gawade,
Founder,
Tantraniketan,
Dahisar, Mumbai.

Subject: Letter of Appreciation.

Dear Madam,

We are really grateful to you for your valuable time and effort for conducting workshop on "**Real-time Data Acquisition, Processing and Remote Monitoring using Cloud Platform**" for our Electronics & Telecommunication Engineering students on 12th February 2026.

Your session was very informative, knowledgeable and motivating. Our students will cherish your value adding words in their hearts.

Hope for similar support in future too.

Thanking you.

Yours faithfully,

Received
Shri.
Poonam Gawade



Dr. Arun Kumar
Principal