

**IE(I) STUDENTS' CHAPTER –CIVIL**  
**CHAPTER CODE: 388120/BVME/CV**  
**B.V.M ENGINEERING COLLEGE,**  
**V.V. Nagar – 388120.**

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Chairman: **Prof. (Dr.) S. D. Dhiman**

Faculty guide: **Prof. A. N. Bhavsar**

Faculty Advisor: **Prof. N. F. Umrigar**

**Report on**  
**“RFID Application in Civil Engineering”**

**Total Participants: 36**

**Students: 24**

**Faculties: 12**

**Date: 9<sup>th</sup> September, 2023, Saturday**

**Venue: C-127**

**Time: 11:00 AM to 12:30 PM**

**Program Objective:**

The whole session was conducted on important features & main components of RFID systems, major benefits in the field of Civil Engineering and how it works, and types of RFID transponders.

**Distinguished Speaker:**

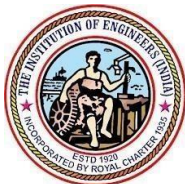
**Dr Jagdishkumar Mohanlal Rathod**, Professor, Associate Dean and Professor in-charge, COE-Electromagnetics and Antenna Research Centre at Birla Vishvakarma Mahavidyalaya Engineering Collage.

**Event Coordinators:**

**Dr. Jayeshkumar R. Pitroda** (Associate rofessor, Associate Dean-Infrastructure)

**IE (I) Coordinators:**

**Prof. N. F. Umrigar** (Faculty Advisor )



### **Description:**

IE(I) Students' Chapter Civil of Birla Vishvakarma Mahavidyalaya Engineering College organized a session on Radio Frequency Identification (RFID) Technology in C127 on 9<sup>th</sup> September 2023 from 11:00 am to 12:30 pm. The beneficiaries of this session were 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> & 4<sup>th</sup> year students and BVM faculties. Students and faculty members assembled in C127 at 10:45 am and session was started at 11:00 am.

The session commenced by the introduction of the expert which was given by host Harish Sharma. Then after Dr. S. D. Dhiman (HOD, Civil department) invigorated the spirits of attendees by sharing his words of wisdom following which Expert speaker of the session showcased the benefits of "RFID" in the field of Civil engineering.

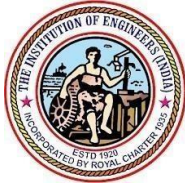
After the opening ceremony, **Dr Jagdishkumar Mohanlal Rathod** presented a comprehensive PowerPoint covering various aspects & application of Radio Frequency Identification (RFID) Technology. He provides a thorough explanation of RFID. Through the use of an RFID tag or transponder, it is a wireless technology that uses radio waves to identify and track items.

This technology enables non-contact, non-line-of-sight item identification and tracking, which is advantageous for many enterprises, including supply chain participants. retail, logistics, asset management, and construction management.

He also showcases the benefits of RFID like Improved efficiency, Increased visibility, Reduced costs, Improved security, Improved consumer engagement.

The closing ceremony was conducted by **Prof. A. N. Bhavsar sir**, followed by a vote of thanks by **Harish Sharma**. The event concluded with a photo session to end on a positive note.

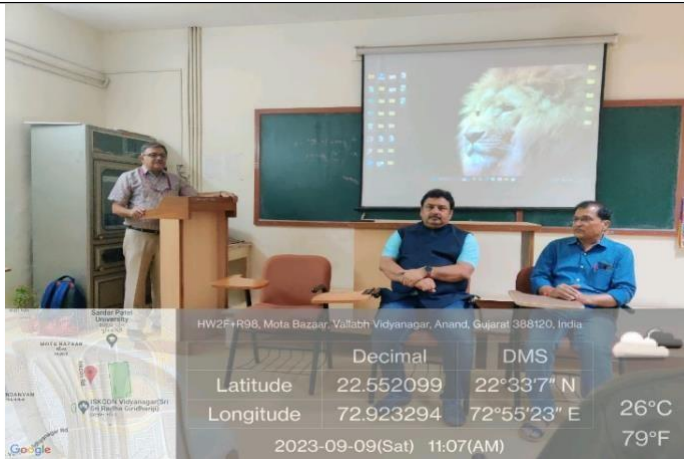
IE(I) Students' Chapter Civil is thankful to Principal **Dr. Indrajit Patel**, Head of Civil engineering department **Dr. Sanjay Dhiman**, **Prof. Amit Bhavsar**, **Prof. N. F. Umrigar**, **Dr. Jayeshkumar R Pitroda** for their constant support.



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### **Outcomes:**

- ❖ Able to understand the RFID facilitates the control on a wide variety of processes in different stages of the lifecycle of a building.
- ❖ Information about RFID applications in the construction industry, pointing out the existing developments, limitations and gaps.
- ❖ Further information about RFID application aiming to facilitate the identification of pieces of furniture in scanned inhabited environments.



**Dr. S. D. Dhiman (HOD, Civil department) Starting the Session**



**Expert Speaker elucidating about RFID**



**Two way conversation during Session**



**Glimpse of Session**

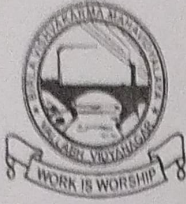


**Expert being presented with Certificate of Appreciation**



**Group Photo with the Expert Speaker**





# Birla Vishvakarma Mahavidyalaya

(An Autonomous Institute Managed by CVM)

Vallabh Vidyanagar



## Attendance Sheet: "RFID Application in Civil Engineering"

Date: 9<sup>th</sup> September, 2023

Venue: C-231

Sr. No.	ID number/ Faculty	Name	Signature
1	20CE133	Harsh Panchal	Harsh
2	23CE047	Kadhai Keyardun N.	Kadhai
3	23CE009	Vedant Rathod	Vedant
4	23CE008	Niral Chaudhari	Niral
5	23CE045	Megh Chaudhari	Megh
6	20CE017	Nirali Patel	Nirali
7.	22CE306	Tejas Bhaskarhai Patil	Tejas
8.	23CE013	Satgauri	Satgauri
9.	23EE081	Shyama Bhagat L.	Shyama
10.	23CE063	Samarth Gupta.	Samarth
11	21CE318	Vrund M. Saur	Vrund
12	23CE122	Shyam mani Kumar	Shyam
13	23CE067	RITIK GAUTAM	Ritik
14.	21CE329	Aman K. Dave.	Aman
15.	20CE045	Jeel N. Patel	Jeel
16	23CE082	Aatish Chokhawala	Aatish
17	23CE048	Priya MUKHI	Priya
18	23CE036	Jay Baidigavade	Jay
19	20CE129	Harish Kumar Sharma	Harish
20	-	Prof. Manali shal	Manali
21	20CE035	Saunhya Patel	Saunhya
22	20CE030	Vijay Chavhan	Vijay
23	20CE146	Mayur Chavhan	Mayur
24	21CE323	Harsh P. Bhambhani	Harsh

