

ACTIVITY REPORT FORMAT

Use MS Word Format (one or two pages)

1. Name of the Department: **CIVIL ENGINEERING**
2. Name of the Activity: **Guest Lecture on Concrete Solutions: Reducing Emissions, Building Sustainability**
3. Objectives:
 - **To understand the environmental impact of concrete production and its contribution to greenhouse gas emissions**
 - **To explore strategies for reducing emissions in the concrete industry, such as: Using alternative cementitious materials, improving energy efficiency in production processes, implementing carbon capture and storage technologies**
 - **To discuss sustainable concrete technologies and innovations, such as: green concrete, recycled aggregate concrete and optimise mix design**
 - **To highlight best practices and case studies of sustainable concrete applications in construction projects**
 - **To inspire students to consider sustainable development and environmental stewardship in their future careers.**
4. Date, Time Venue of the Activity: **Feb 24, 2026, 10 am, SIR MV HALL, CED**
5. Name and details of collaborating agency (if it is collaborative/joint activity)
NONE
6. Brief summary of the Programme:

A guest lecture on "Concrete Solutions: Reducing Emissions, Building Sustainability" was organized by the Department of Civil Engineering on 24-02-26.

The event began with an invocation by Ms. Varshini, a 6th-semester Civil Engineering student, highlighting the importance of sustainability in construction. Dr. Jaya R. S. Prof., Department of Civil Engineered gave the opening remarks, highlighting the importance of the event for PG students and welcomed the gathering.

Ms. Meghana introduced Dr. V. Ramamchandra, a renowned expert in sustainable construction practices, who delivered an insightful address on reducing emissions and promoting sustainability in the concrete industry. Dr. VR

shared innovative solutions, case studies, and best practices, emphasizing the need for sustainable development. He seamlessly covered the session making it relevant to all three PG programmes, CT, Env and Transportation. He highlighted the importance of sustainable construction practices, Strategies for reducing emissions in concrete production, Innovative concrete technologies and best practices.

A Q&A session followed, with students and faculty engaging with Dr. VR on various aspects of sustainable concrete technologies.

The event concluded with a vote of thanks, where the guest was felicitated with a green gift, an indoor plant, acknowledging Dr. VR's valuable contribution to the field.

The lecture was attended by Faculty, staff, and students, who appreciated the informative session and Dr. VR's expertise.

7. Outcomes: The event was a success, with participants gaining valuable insights into sustainable construction practices and their role in promoting environmental stewardship.

8. Number of participants:

Particulars	Number of Faculty		Non-Teaching Staff		External Participants	
	Male	Female	Male	Female	Male	Female
Number of Participants	4	4	1	1	0	0

9. Two or three relevant Photographs of the activity



Guest Lecture in progress



Dr. V Ramachandra with Faculty – Civil Engg



Dr. V Ramachandra with Faculty & Students– Civil Engg PG

Supporting Documents

- a) Circulars/Brochures
- b) Attendance sheet



BMS College of Engineering
Department of Civil Engineering

GUEST LECTURE ON

CONCRETE SOLUTIONS: REDUCING EMISSIONS, BUILDING SUSTAINABILITY



Feb 24, 2026 | At 10 AM

**VENUE:
SIR MV HALL, CED**

DR. V. RAMCHANDRA
Technical Advisor, UltraTech
Cement Ltd
Aditya Birla Group,
Mumbai, Maharashtra, India

**REGARDS,
THE MANAGEMENT, PRINCIPAL, HOD, FACULTY &
STAFF, DEPT. OF CIVIL ENGG., BMSCE**

Let's work together for a better, more sustainable future!

Attendance: Guest Lecture on Concrete Solutions: Reducing Emissions, Building Sustainability

Date: Feb 24, 2026 | At 10 AM, SIR MV HALL, CED

Sl. No.	Name	USN	Signature
1	Varun.P	IBM24CTM11	Varun.P
2	B.Sai Mallik	IBM24CTM04	B.Sai Mallik
3	Meghana.H.S	IBM24CTM07	Meghana.H.S
4	ANKITHA.N.A.	IBM24CTM08	Ankitha
5	Avinash Rathod	IBM24CTM03	A.S.Rathod
6	Pranjal.S	IBM24CTM10	Pranjal
7	Dhanush.K.L	IBM25CTM009	Dhanush
8	Vikas.S	IBM25CTM008	Vikas
9	Badavaashree.B.H	IBM25CTM02	Badavaashree
10	PRANAV.H	IBM25CTM07	Pranav.H
11	Ananya MH	IBM25CTM01	Ananya

Attendance: Guest Lecture on Concrete Solutions: Reducing Emissions, Building Sustainability

Date: Feb 24, 2026 | At 10 AM, SIR MV HALL, CED

Sl. No.	Name	USN	Signature
1	Varnitha. M. B	IBM24CEE14	Varnitha. M. B
2	Bhagyashree. Patil	IBM24CEE03	Bpatil
3	SINDHYA Y.S	IBM24CEE13	Sindhya Y.S
4	SHRUTI. S	IBM24CEE12	Shruti
5	ROHIT. S	IBM24CEE11	Rohit
6	VISMITHA. R	IBM24CEE16	Vismitha R
7	Amrutha. K.P.	IBM24CEE02	Amrutha.
8	Abhishek. K	IBM24CEE01	Abh
9	BHUVAN	IBM24CEE06	Bhu
10	Dhoomika D.S	IBM24CEE05	Dhoomika
1	Meghana. G	IBM24CCT12	Meghana
2	K. Abhisheka	IBM24CCT08	Abhisheka
3	Ruchitha H.V.	IBM24CCT15	Ruchitha H.V.
4	Chandan. S.	IBM24CCT17	Chandan
5	Khushwanth. M. P	IBM24CCT06	Khushwanth

