

**INSTITUTION'S INNOVATION COUNCIL (IIC) – AVIT**
**DEPARTMENT OF CIVIL ENGINEERING**

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<b>Program Driven by</b> IIC Calendar Activity/ MIC Driven Activity/ Celebration Activity/Self driven activity	IIC Calendar Activity		
<b>Event Title</b>	Industrial Visit to Ramco Research and Development Centre (RRDC), Thoraipakkam.		
<b>Resource Person</b>	Mr. R. Ramachandran Sr. DGM – RMC The Ramco Cements Limited Mr.Karthickeyan Senior Manager The Ramco Cements Limited		
<b>Academic year</b>	2024-2025	Quater	IV
<b>Program Type</b> Level 1 - Expert Talk/ Exposure Visit/ Mentoring Session (2 to 4 Hours) Level 2 – Conference / Exposure Visit / Seminar / Workshop (5 to 8 Hours) Level 3 – Bootcamp/ Competition/ Demo Day/ Exhibition / Workshop (9 to 8 Hours) Level 4 – Challenges/ Hackathon/ Tech Fest (Greater than 18 hours)	Level 1 - Expert Talk/ Exposure Visit/ Mentoring Session (2 to 4 Hours)		
<b>Program Theme</b> IPR & Technology Transfer / Innovation & Design Thinking / Entrepreneurship & Startup / Pre-Incubation & Incubation Management	Innovation & Design Thinking		
<b>Start date &amp; End Date</b> (DD/MM/YYYY)	14.08.2024	14.08.2024	
<b>Duration of the activity (in Mins) &amp; Start Time &amp; End Time</b>	Duration: 120 Mins.	Start Time: 10.30 AM	End Time: 12.30 PM
<b>Participants</b>	Students: 40	Faculty: 04	External:NIL



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<p><b>Mode of session</b> (online / offline) * Online Video Url compulsory</p>	Offline	Expenditure Amount, If any	Rs.2,000/-
<p><b>Event Organizer / Coordinator</b> Faculty Name / Department / Designation</p>	<p><b>Mr.K.Naveenkumar,</b> Assistant Professor, Department of Civil Engineering, AVIT</p>		
<p><b>Target Participants</b></p>	Students from civil department		
<p><b>Objective (100 letters only)</b></p>	<p>The purpose of the industrial tour to the Ramco Research and Development Centre (RRDC) in Thoraipakkam is to give participants a comprehensive understanding of the cutting-edge technology and creative processes used at one of the top R&amp;D hubs in the sector. The main aims of the center are to introduce guests to its cutting edge facilities, illustrate how it propels technical progress in multiple industries, and highlight how its R&amp;D endeavors support the wider objectives of the Ramco Group. The visit will highlight the collaborative and interdisciplinary approach that is characteristic of the RRDC's work and provide insights into the real-world uses of cutting-edge technology like blockchain and artificial intelligence.</p>		
<p><b>Benefits in terms of learning/skill/Knowledge obtained ( 150 letters only)</b></p>	<p>In Thoraipakkam, participants in the industrial visit to the Ramco Research and Development Centre (RRDC) receive in-depth knowledge about the cutting edge of technical innovation and research. A thorough overview of the center's state-of-the-art facilities, such as its sophisticated laboratories and specialized equipment for creating next-generation solutions, is given throughout the visit.</p>		

**Industrial Visit to Ramco Research and Development Centre (RRDC), Thoraipakkam.**

**Ramco Cements Ramco Cements Limited,**

**On 14<sup>th</sup> August, 2024**



**ORGANIZATION:** Ramco Research and Development Centre (RRDC).

**LOCATION:** Thoraipakkam

**BENEFICIARY:**

Students from Department of Civil Engineering. Department of Civil Engineering organized an industrial Visit to Ramco Research and Development Centre (RRDC), Thoraipakkam. Students gained various technical aspects on cutting-edge research and development across various sectors in material testing and its advanced technologies.

On 14<sup>th</sup> August, 2024, Department of Civil Engineering organized industrial visits in Ramco Research and Development Centre (RRDC). Students from the department of Civil Engineering with following faculty members visited the organization. Industrial Visit

opportunities arranged to students as an outcome of Memorandum of Understanding signed between Vinayaka Mission's Research Foundation and Ramco Cements on 10<sup>th</sup> October, 2022.

S.No	Name of the Faculty/Research Scholar	Designation
1	Dr.P.SAravind Raj	Associate Professor
2	Dr.R.Abirami	Assistant Professor (Grade II)
3	Mr.K.Naveen Kumar	Assistant Professor (Grade II)
4	Mr.S. Srinivasan	Research Scholar

#### Schedule of Visit

S.No	Visited Area of Expertise	Visit Organized By	Designation	Time
1	Ramco Cements, Ramco Research and Development Centre (RRDC)	Mr. R. Ramachandran	Sr. DGM – RMC The Ramco Cements Limited	10:00 am – 10:30 am
2	Ramco Cements, Ramco Research and Development Centre (RRDC)	Mr.Karthickeyan	Senior Manager	10:30 am – 11:00 am

As per the scheduled industrial visit time students were taken to the respective area of expertise of Ramco Cements Ltd. Mr. R. Ramachandran and Mr.Karthickeyan explained about Ramco Cements, Ramco Research and Development Centre (RRDC) core components include state-of-the-art labs, a diverse team of experts, and a commitment to integrating the latest technological advancements. By fostering a culture of continuous improvement and creativity, the RRDC plays a crucial role in sustaining Ramco's competitive advantage and industry leadership.

#### Ramco Research and Development Centre (RRDC) Brief

The Ramco Research and Development Centre (RRDC) is a pillar of innovation, committed to propelling industry advancement and technological advancement. Modern research facilities, a multidisciplinary and highly qualified staff of scientists, engineers, and technology specialists, and a strong infrastructure built to support innovative initiatives are the



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main elements of the RRDC. It has state-of-the-art labs, specialized hardware, and software tools that enable in-depth investigation and testing. The center works with a significant emphasis on cutting-edge technologies like blockchain, AI, and machine learning with the goal of developing game-changing solutions to intricate industrial problems. The RRDC provides a collaborative atmosphere where interdisciplinary teams work together to push the boundaries of innovation in addition to its technological and physical assets.

## EVENT GALLERY





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### LIST OF STUDENTS PARTICIPANTS

S.No	Register Number	Name of Students
1.	3422110501	Leyang. B. N. Shiu
2.	3422110504	Nabam Hania
3.	3422110506	Sajen Bui
4.	3422110508	Taya Nalo
5.	3422220501	Ezhilarasan V
6.	3422220502	Ibrahibinu Bilal
7.	3422220503	Karthik Raja K
8.	3422220504	Preethivirajan S
9.	3422220505	Ruhani Begum Choudhury
10.	3422010501	Abhishek Kumar
11.	3422010503	Anokhi Kumari
12.	3422010504	Arvind Giri
13.	3422010505	Bhudev Kumar
14.	3422010506	Bitu Kumar
15.	3422010507	Dhananjay Kumar
16.	3422010509	Himanshu Kumar
17.	3422010510	Laxmi Kumari
18.	3422010512	Nabam Tapung
19.	3422010513	Naveen Kumar S
20.	3422010514	Nishant Kumar
21.	3422010515	Nitish Kumar
22.	3422010517	Randhir Kumar
23.	3422010518	Suraj Kumar
24.	3422120501	Abdul Rahman B
25.	3422120502	Anitha N
26.	3422120503	Balaraman K
27.	3422120504	Basarath Saheel A
28.	3422120505	Harsudeen B
29.	3422120506	Hridayanand Singh



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30.	3422120508	Logesh T
31.	3422120509	Murali V
32.	3422120510	Rakesh K
33.	3422120511	R Ramkumar
34.	3421910505	Chandan Kumar
35.	3421910512	Karmuhil R
36.	3422255501	Emil Jaison
37.	3422210501	Amresh Kumar
38.	3422210502	Avishek Anand
39.	3422210503	G Dilip Kumar
40.	3422210504	Kailash Kumar Kamat