






**DEPARTMENT OF CIVIL ENGINEERING**  
**REPORT – Webinar on “Seawater Mixed Concrete”**

**Date & Time of the Event: 05.09.2024, 02.00pm to 03.00 pm**

<p><b>Webinar Title</b></p>	<p align="center"><b>“Seawater Mixed Concrete”</b></p>		
<p><b>Mode of Conduct</b></p>	<p align="center">Online</p>		
<p><b>Total no of Participants</b></p>	<p align="center">50</p>		
<p><b>Participants</b></p>	<p>Faculties / Research Scholars from top Engg. colleges like</p> <ul style="list-style-type: none"> <li>• Chennai Institute of Technology</li> <li>• Saveetha School of Engineering, SIMATS Deemed University, Chennai</li> <li>• Vel Tech (Deemed to be University),</li> <li>• Kalasalingam Academy of Research and Education</li> <li>• VIT University Chennai campus Vandalur</li> <li>• SRM UNIVERSITY</li> <li>• Thiagarajar College of Engineering, Madurai</li> </ul>		
<p><b>Gist of Event</b></p>	<p>The presentation of cutting-edge research that was given by the Resource person, Dr. Sundar Rathnarajan, who is a BIS Research Fellow in Poland, sparked the interest of all of the research communities. In his presentation, he discussed the necessity for sea water concrete as well as the scope of future research in this area. Following the conclusion of the feedback session, which was led by Dr. P. Krishna Kumar, the meeting's host, a vote of gratitude was given.</p>		
<p><b>Photo Evidences</b></p>			



**Water stress in countries versus their cement demand growth**

Water Stress by Country: 2040

17 countries in the world face extremely high-water stress

**Freshwater usage in the production of concrete and its raw materials**

- Concrete production is responsible for the consumption of 16.6 billion m<sup>3</sup> of water annually (based on 2012 data)
- This is equal to annual domestic consumption of half the population of USA (assuming 350 litres per day per capita)
- Per capita domestic water supply in water-stressed nations are 50% less than the per capita per day supply in USA

**Coordinator**  
**Dr. P. Krishna Kumar**  
AP, Civil

**Co-Convener**  
**Dr.V.GOWRI**  
HoD, Civil

**Convener**  
**Dr.S.DURAIRAJ**  
PRINCIPAL



**Webinar on “Seawater Mixed Concrete”**

**Date: 05.09.2024 Time: 02.00 pm to 3.00 pm**

**List of Participants:**

Sl.no	Participants Name	Designation with organization address
1	Mr.Seenivasan G R	Assistant Professor, Department of Civil Engineering, Coimbatore Institute of Engineering and Technology, Narasipuram Post, Thondamuthur Via, Coimbatore.
2	Dr.Shankar ganesh.PSP	Assistant professor, PSN college of engineering and technology, Tirunelveli
3	Mr.Er.B.Jeyaprakash	Structural Engineer JP Associates
4	Dr.Shivasakthivadivelan R A	Assistant Professor and Annapoorna Engineering College
5	Mr.V Ramesh	Assistant Professor, Department of Civil Engineering, PSN College of Engineering and Technology, Tirunelveli
6	Dr.Sahaya Ruben J	Professor/ Civil Rohini College of Engineering and Technology
7	Mr.Alagu Murugan G	Assistant Professor, Fatima Michael College of Engineering and Technology
8	Mr.MUTHURAMU. B	Assistant Professor, Department of Civil Engineering, PSN College of Engineering and Technology (Automomou)
9	Mrs.ASWINI.R.K	Assistant Professor
10	Mr.MICHEL THEIVADURAI G	Assistant Professor/ ROHINI COLLEGE OF ENGINEERING AND TECHNOLOGY KANYAKUMARI
11	Mr.Mithlesh Kumar Sah	B.tech Civil Engineering, Hindustan Institute of technology and science,padur
12	Ms.Revathi M P	Coimbatore Institute of Engineering and Technology, Narasipuram, Coimbatore-641109
13	Mr.Sibi R	AP/Civil - CIET
14	Mr.Vimal Arokiaraj G	Teaching Fellow, University College of Engineering, Thirukkuvalai
15	Ms.Esther Baby. J	Assistant Professor, Syed Ammal Engineering College, Ramanathapuram
16	Dr.Rathan Raj Rajendran	Senior Lecturer
17	Mrs.Thorat N.	Head of Department at Adarsh Institute of Technology and Research Centre, Vita
18	Dr.Vasanthi P	Associate Professor, CIT
19	Dr.KANNADASAN B	PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE ,Arasanoor, Thirumansolai Post, Madurai-Sivagangai Highway, TamilNadu - 630 561
20	Mrs.Revathi K	Assistant Professor/ Coimbatore Institute of Engineering and Technology, Narasipuram post, Thondamuthur via, Coimbatore 641109
21	Dr.MeenakshiSudarvizhi S	Professor/Civil Engineering -Pandian Saraswathi Yadav Engineering college ,Arasanoor
22	Mr.Abiud Sabrin S A	Francis Xavier Engineering College, 103/G3, Bypass road, Vannarpettai, Tirunelveli- 627003.
23	Mr.SASTHA ARUMUGA PANDI.S	AP / CIVIL, PSY ENGINEERING COLLEGE, SIVAGANGA
24	Mr.T.Shahul Hmeed	student, Francis Xavier Engineering College
25	Mr.Thorat Pramod Raghunath	Adarsh Institute of Technology & Research Centre Vita
26	Dr.Jessy Mol.I	Associate Professor, Department of Civil Engineering, St.Xavier's Catholic College of Engineering , Nagercoil
27	Dr.SREEVIDYA V	Professor and Head,Sri Krishna College of Technology



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28	Dr.Jerlin Regin. J	Associate Professor, Department of Civil Engineering, St.Xavier' Catholic College of Engineering, Chunkankadai, Nagercoil
29	Mr.Inigo Valan.M	Assistant Professor, St Xaviers Catholic College of Engineering ,Nagercoil
30	Dr.Vasanthi P	Associate Professor, Chennai Institute of Technology, Kundrathur
31	Dr.Angelina Thanga Ajisha M	Professor, Holy Cross Engineering College, Tuticorin
32	Ms.Swathi Rekha R	Assistant Professor, Chennai Institute of technology
33	Mr.Ramesh V	Assistant Professor/Civil, PSN College of Engineering and Technology, Tirunelveli
34	Dr.GUNASEKAR S	Assistant Professor, K.S.Rangasamy College of Technology, Tiruchengode
35	Dr.VIMALA EBENEZER A	Professor, PSN College of Engineering and Technology
36	Dr.Ginni. G	Associate Professor Francis Xavier Engineering College, Tirunelveli, Tamil Nadu, India
37	Mr.Shahul Hameed. T	Civil Engineering Student , Francis Xavier Engineering College, Tirunelveli, Tamil Nadu, India
38	Mr.Kubendran S	Assistant professor/Civil P.T.R College of Engineering and Technology
39	Mr.Abiud Sabrin S A	Student / Francis Xavier Engineering College
40	Dr.Pandieswari M	Assistant Professor, Department of Civil Engineering, Velammal College of Engineering and Technology, Madurai
41	Ms.JAYASREE.D	Assistant Professor/Mangayarkarasi College of Engineering
42	Mr.ALAGU MURUGAN G	Assistant Professor, Fatima Michael college of engineering and technology, madurai - 20
43	Mr.Kandasamy.A	Research Scholar, Saveetha School of Engineering, SIMATS Deemed University, Chennai
44	Mr.Jeyakumar.P	Assistant professor /civil engineering Fatima michael college of engineering and technology
45	Mr.THAVASEELAN J	Fatima Michael College of Engineering and Technology
46	Dr.Subahar.M	Assistant Professor, Kamaraj College
47	Ms.Vedhanayaghi V J	AP (SS), KCG College of Technology, Karapakkam, Chennai
48	Dr.Nalini Jebastina	Associate professor
49	Ms.Praicy.M	Assistant professor kcg college of technology
50	Ms.Lija. R. L	Assistant Professor (Senior Scale), KCG COLLEGE OF TECHNOLOGY
51	Mr.BHARATH KUMAR A	ASSISTANT PROFESSOR,DEPT OF CIVIL ENGG,FATIMA MICHAEL COLLEGE OF ENGG & TECH
52	Mr.Muthukarthick V	Assistant Professor, Department of Civil Engineering, Mangayarkarasi College Of Engineering, Paravai, Madurai
58	Mr.Saranraj N	Assistant Professor, Syed Ammal Engineering College, Ramanathapuram.
59	Mr.MANIKANDAN.R.K	ASSISTANT PROFESSOR, DEPARTMENT OF CIVIL ENGINEERING, DHANALAKSHMI SRINIVASAN ENGINEERING COLLEGE (AUTONOMOUS)
60	Mr.Giridharan N	Research Scholar, VIT
61	Dr.Rathan Raj Rajendran	Senior Lecturer, University of Technology and Applied Sciences-Salah
62	Ms.Mala.C	Assistant professor, Mailam Engineering college, Mailam, Tindivanam
63	Ms.Esther Baby J	Assistant Professor, Department of Civil Engineering, Syed Ammal Engineering College, Ramanathapuram.llege



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Dear Dr. Sundar Rathnarajan,

I am writing to express my sincere gratitude for your insightful and informative webinar on "Seawater Mixed Concrete" conducted on September 5, 2024. Your expertise and knowledge in the field were invaluable to our faculty and students at the Department of Civil Engineering, SRM Madurai College for Engineering.

Your presentation provided a comprehensive overview of the latest developments and advancements in seawater mixed concrete, including its applications, benefits, and potential challenges. Your engaging delivery and interactive approach made the subject matter accessible and interesting for all participants.

We are truly grateful for your willingness to share your expertise as a resource person for our webinar. On behalf of the Department of Civil Engineering, I would like to extend our heartfelt thanks for your contribution to our academic community. We hope to have the opportunity to collaborate with you again in the future.

Sincerely,

Dr. V. Gowri  
Associate Professor & Head,  
Department of Civil Engineering  
SRM Madurai College for Engineering and Technology