SRI VENKATESWARA COLLEGE OF ENGINEERING



(an Autonomous Institution affiliated to Anna University, Chennai) Pennalur, Sriperumbudu Tk – 602 117



DEPARTMENT OF CIVIL ENGINEERING

Report of the Webinar on "Role of Admixture In Precast Concrete and Its Applications"

Date : Monday, 8 June 2020 Time : 10:00 am - 11:30 am Mode : Online through Cisco Webex Meeting Link: Meeting URL: meetingsapac17.webex.com Meeting number: 1669684076 Meeting password: yT9V6pjh

Speaker

Er.G.Shiva Prakash Technical and Marketing Manager – Admixture Systems Fosroc Chemicals (India) Limited Bengaluru

Convenor & Organising Secretary

Dr.R.Kumutha, Professor & Head/Civil Engg.

Coordinator

Ms.K.SathyaPriya, Assistant Professor/ Civil Engg

Target Audience : Students , Faculty members and Industry Personnel			
Number of Participants benefited: 110 (30 internal and 80 external)			
UG Students	: 54		
PG Students	: 8		
Faculty	: 48		

BROCHURE

SRI VENKATESWARA COLLEGE OF ENGINEERING Sriperumbudur, Tamilnadu





Department of Civil Engineering cordially invites you for a Webinar on



Role of Admixture in Precast Concrete and its Applications



Er.G.Shivaprakash Technical & Marketing Manager - Admixture Systems FOSROC Chemicals (India) Limited Bengaluru

Date: 08.06.2020 Time: 10:00 - 11:30 AM Join us in



Register at : https://forms.gle/dEoiRyvVxjBf6PSo7

Ms.K.SathyaPriya AP / Civil Coordinator Dr.R.Kumutha, HoD / Civil Convenor & Organising Secretary

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PROFILE OF THE COMPANY AND SPEAKER

Company Profile

Fosroc is a leading international manufacturer and supplier of high performance chemicals for the construction industry, with a particular focus on concrete and cement. But they don't just supply world-renowned products, they deliver complete construction solutions – from advice and training to site support. A British heritage brand, Fosroc began over 80 years ago and has become the go-to name for construction companies, offering a wide range of products and brands including Nitoproof, Nitoseal, Proofex, Supercast, Conplast and Dekguard.

Speaker Profile

Er.G. Shivaprakash, Civil Engineer, having 26 years of experience in construction chemicals, out of which 15 years in abroad and rest in India. He is Currently Working as Technical and Marketing Manager – Admixture Systems at Fosroc Chemicals (India) Limited Bengaluru.

EDUCATIONAL & PROFESSIONAL CREDENTIALS

Master of Technology (Industrial Structure - Civil) – 1993 - S.J.C.E College, Mysore University

Bachelor of Civil Engineering – 1990- Siddaganga Institute of Technology, Tumkur, Bangalore University

- Started career way back in 1993 exclusively in construction chemical industry and moved to Gulf countries in 1996 journey went up to 2011.
- Offering over 26years of experience in construction chemicals, out of which 15 years in abroad and rest in India.
- Overseas exposure mainly in Gulf countries such as Kuwait, Qatar and Saudi Arabia.
- Currently Working as Technical and Marketing Manager Admixture Systems at Fosroc Chemicals (India) Limited Bengaluru
- Managing products in particular Admixture, right from development to launch stage across Fosroc India and hand holding launched products for a specific period to obtain sales results. Product customization to suit customer requirements on technical and commercial aspects.
- Dexterity in formulating & implementing **Marketing & Sales Operation** plans and ensuring profitability of organization. Diligent and resourceful professional with hands on expertise in devising measures for enhancing **Operational Efficiency** through effective **Administration**.
- Presented technical papers on concrete related subjects in ICI, ASCE, REDECON and Several International symposium across country.
- Motivated and goal driven with a strong work ethics, continuously striving for improvement coupled with excellent Administrative aptitude with an eye for detail and the commitment to offer quality work.

BRIEF REPORT OF THE WEBINAR

The webinar started with a welcome note and the introduction of the speaker to the Participants by Dr.R.Kumutha, Professor & Head/ Civil Engineering, who is the Convenor and Organizing Secretary of this Program. Er.G.Shiva Prakash explained role of cement and other cementitious (admixtures) in precast concrete. He elucidated the strength characteristics at different ages under different curing conditions of precast concrete. He explained the importance of water cement ratio and secondary cementitious material to achieve the required strength. He also briefed the temperature controlled concrete. The RCPT value of concrete with different concrete also discussed briefly. He explained the Precast concrete casting and TBM in the metro rail construction. The student and faculty participants from host as well as other institutions participated in the webinar.

The session was interactive and the following queries were raised by the participants which were answered by Er.G.Shiva Prakash.

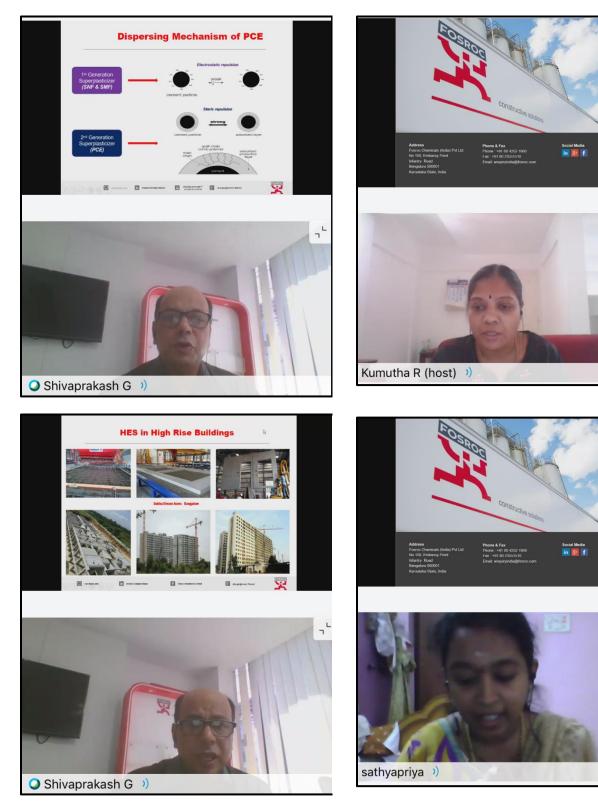
- We have done a project on light weight concrete but we haven't achieved the expected compressive strength and we have used cementious admixture like silica fume and GGBS. My doubt is about is this admixture suitable only for normal concrete or it can be applicable for lightweight materials also?
- 2. Is it possible to produce sustainable concrete using recycled aggregates?
- 3. Any guidelines for using recycled aggregate in fresh concrete?
- 4. Mineral admixtures does not have much effect on workability. how will be it is useful to add it in the SCC?
- 5. Apart from polyvinyl alcohol fibre whether glass fibre holds good for bendable concrete in strain enhancement characteristics of plain concrete.
- 6. What is the assurance that the chemical or mineral admixture added to the fibre reinforced concrete does not affect the property of fibre composites?
- 7. To what percentage will the strength of concrete increases with the application of carbon fiber?

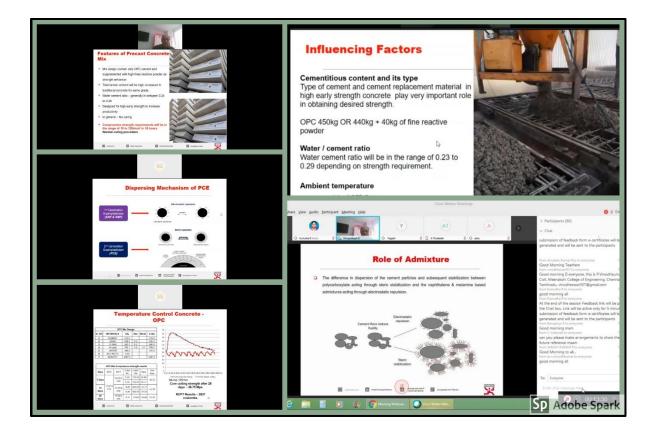
The session ended with a vote of thanks delivered by Ms.K.SathyaPriya, Assistant Professor/ Civil Engineering. The participants also had appreciated the webinar.

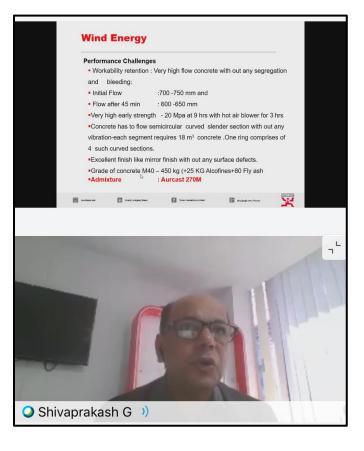
SNAPSHOTS OF THE WEBINAR

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LIST OF PARTICIPANTS

S.No	Name of the Participant	Name of the Institution/Industry	Category	
1	Dr.K.Vijai	St.Joseph's College of Engineering	Faculty	
2	V.Hariharan	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG Student	
3	C.MERLIN RANI	SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY	Faculty	
4	Mr.R.Sibi	Coimbatore Institute of Engineering and Technology	Faculty	
5	S.DHIVIYANTHAN	ST.JOSEPH'S COLLEGE OF ENGINEERING	UG Student	
6	THANGAM N	Peri institute of technology	Faculty	
7	LIJA R L	Jeppiaar SRR Engineering College	Faculty	
8	B N BRINILA BRIGHT	Mohamed Sathak AJ College of Engineering	Faculty	
9	Nandhakumar P	Kumaraguru College of Technology	Faculty	
10	NAVEEN S	SRI VENKATESWARA COLLEGE OF ENGINEERING, SRIPERUMBUDUR	UG Student	
11	Alagappan SP	S.A.Engineering College	UG Student	
12	Hemalatha.R	Sri Venkateshwara College Of Engineering	UG Student	
13	SIDHARTH SARAVANAN . T	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG Student	
14	Albeena Jasmine.T	St.Joseph's college of engineering OMR Chennai 119	UG Student	
15	Yahaya Hassan Labaran	Sharda University	PG Student	
16	PAVI PRADHAN	SURENDRA INSTITUTE OF ENGINEERING & MANAGEMENT	UG Student	
17	Laleeth kumar D	SVCE	UG Student	
18	P.RANJITHA	P.A college of engineering and technology	Faculty	
19	RAHINI D A	St. Joseph's College of Engineering	UG Student	
20	S. SATHYA PRIYA	PERI INSTITUTE OF TECHNOLOGY	UG Student	
21	G MONISHA	SRI VENKETESHWARA COLLEGE OF ENGINEERING	UG Student	
22	Logeshwari R	Sri Venkateswara College of Engineering Sriperumbuthur	UG Student	
23	Keerthana Pannerselvan	Bannari Amman institute of technology	UG Student	
24	S. Saravanakumar	P.A.College of Engineering and Technology	Faculty	
25	Mr. MANIKANDAN E	ADHI COLLEGE OF ENGINEERING AND TECHNOLOGY	UG Student	
26	Satadru Moitra	Baghmundi Government Polytechnic	Faculty	
27	SUBASHREE P	Hindusthan College of Engineering and Technology	Faculty	

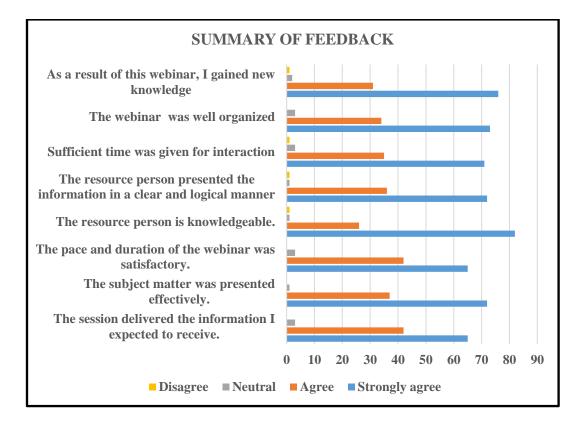
S.No	Name of the Participant	Name of the Institution/Industry	Category		
28	Perla Mounika	Pallavi Engineering College	Faculty		
29	GUNASEKAR.S	K.S.Rangasamy College of Technology, Tiruchengode	Faculty		
30	R.VINODHKUMAR	MEENAKSHI COLLEGE OF ENGINEERING	Faculty		
31	MAHESH M	ST. JOSEPH'S POLYTECHNIC COLLEGE	Faculty		
32	A.VIGNESH	St Joseph's College of Engineering	UG Student		
33	ASWINI R	sri venkateswara college of enginneering	UG Student		
34	SANKARANARAYANAN J	SRI VENKATESWARA COLLEGE OF ENGINEERING, SRIPERUMBUDUR, KANCHIPURAM, TAMILNADU, INDIA	UG Student		
35	CHAYAN SARDAR	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG Student		
36	R RANJITH	K.S.Rangasamy College of Technology	PG Student		
37	Mrs.J.Kalaiselvi Nivedha.	P.A.College of Engineering and Technology	Faculty		
38	G.Harshavarthani	Sri Venkateswara College of Engineering	UG Student		
39	Vaibhav Prasad Swarnkar	Kalinga University Naya Raipur	UG Student		
40	Lavanya. C	Peri institute of Technology	Faculty		
41	Mathiyazhagan R	Sri Venkateswara College of Engineering	Faculty		
42	Avinash R	Hindusthan College of engineering and technology, Coimbatore.	UG Student		
43	K.VIJAYA SUNDRAVEL	K.S.RANGASAMY COLLEGE OF TECHNOLOGY	Faculty		
44	Brithisha s	Sri Venkateshwara college of engineering	UG Student		
45	KARTHIK PANDI M	P A POLYTECHNIC COLLEGE POLLACHI	Faculty		
46	Murali Manogar Joshi S	Sri Venkateswara College of engineering	UG Student		
47	Pavithra S	S.A.Engineering College , Chennai	Faculty		
48	R Banupriya	Sethu Institute of Technology	Faculty		
49	A.SARANYA	P.A College of Engineering and Technology	UG Student		
50	K.C.JOTHESWARAN	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG Student		
51	A.JEEVA	K S RANGASAMY COLLEGE OF TECHNOLOGY	UG Student		
52	REVATHI M P	Coimbatore Institute of Engineering and Technology	Faculty		
53	A. JENISHA	Sri Venakateswara College Of Engineering	UG Student		
54	PURBASHA DAS	Surendra Institute of engineering and management	UG Student		
55	MOHAN.A	Easwari Engineering College Faculty			

S.No	Name of the Participant	Name of the Institution/Industry	Category
56	Dr. G. Balamurugan	P.A.College of Engineering and Technology	Faculty
57	YOURAJ BHUJEL	SURENDRA INSTITUTE OF ENGINEERING & MANAGEMENT	PG Student
58	N.SHIFU JAHAN	Prathyusha Engineering college	Faculty
59	SIVA KUMAR. B	KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY	PG Student
60	Sakhimol B	Coimbatore Institute of Technology	Faculty
61	Nirpex Amrutlal Patel	Charotar University of Science and Technology	Faculty
62	VETRIVEL S	St.Joseph's College of Engineering	UG Student
63	R.SANJAY KUMAR	Aarupadai Veedu Institute of Technology,Chennai	Faculty
64	ANEES K	SRI VENKATESHWARA COLLEGE OF ENGINEERING	UG Student
65	MALAVAN.K	Coimbatore Institute of Technology	PG Student
66	Krishnan L	Knowledge Institute of Technology Salem	Faculty
67	GEETHANJALI S	PA College of engineering and technology	Faculty
68	Dr.S.ROBERT RAVI	ACE ENGINEERING COLLEGE HYDERABAD	Faculty
69	Selvabharathi Gopal	SSM Institute of Engineering and Technology	Faculty
70	Dr. R. Manju	Kumaraguru College of Technology	Faculty
71	GUNASEKARAN M A	K S RANGASAMY COLLEGE OF TECHNOLOGY	UG Student
72	Sridhar	St.joseph's college of engineering	UG Student
73	Inam-UI-Haq	Global Institute of Engineering and Technology	UG Student
74	P.VINODHKUMAR	Meenakshi College of Engineering	Faculty
75	HARSHAK	SRI VENKATESWARA COLLEGE OF ENGINEERING, SRIPERUMBUDUR	UG Student
76	Meera.S	PA college of engineering and technology	UG Student
77	Sugandhan D	SVCE	UG Student
78	praveen kumar v	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG Student
79	Dr.N.Ramesh	KSRangasamy College of Technology	Faculty
80	Shunmugam. M	Sethu institute of technology	Faculty
81	MAGENDIRA RAJ S	sri venkateswara college of engineering	UG Student
82	Ranjana Piriyadharshini	Sri venkateshwara College of Engineering	UG Student
83	R. Yamni	Sri Venkateswara College of Engineering	UG Student
84	Dhinesh Kanna Ramkumar	Vellore Institute of Technology	UG Student
85	AKRIITHA K	Sri Venkateswara College of engineering	UG Student

S.No	Name of the Participant	ame of the Participant Name of the Institution/Industry	
86	Raahul	St. Joseph's college of engineering	UG Student
87	G.SHIVANI	K.S.Rangasamy college of technology	UG Student
88	Gokul k	Sri Venkateswara college of engineering	UG Student
89	Sindhu Vaardini U	Kumaraguru College of Technology	Faculty
90	Adnan Akthar	Adnan Akthar	UG Student
91	M MADHAN KUMAR	Saveetha Engineering College	Faculty
92	SIDDHARTH J U	Sri Venkateshwara College of Engineering	UG Student
93	UMAR AZIZ NAJAR	St. Joseph's College Of Engineering	UG Student
94	SathyaPriya K	Sri Venkateswara college of Engineering	Faculty
95	Jailakshmi Menon	Saveetha Engineering college	Faculty
96	Goutham Priya M	Rajalakshmi Engineering College	Faculty
97	Dr.P.Muthupriya	Dr.NGP Institute of Technology	Faculty
98	Dr S Praveenkumar	PSG College of Technology	Faculty
99	KARAN.K	SRI VENKATESWARA COLLEGE OF ENGINEERING	PG Student
100	S.Vedavalli	S.A.Engineering college	UG Student
101	Ponni M	Ponni M	Faculty
102	SARASWATHI.K	SARASWATHI.K	Faculty
103	GOWTHAM RAJ R	SRI VENKATESWARA COLLEGE OF ENGINEERING	UG Student
104	Moumita Roy	Surendra institute of engineering and management	PG Student
105	Anand T	Kumaraguru College of Technology	Faculty
106	Arindam Kumar Roy	Surendra Institute Of Engineering & Management	PG Student
107	Dr Sakthivel R	Hindusthan College of Engineering and Technology	Faculty
108	Saurav kumar patel	Surendra institute of engineering and management	UG Student
109	S M SARAT KANNA	St.Joseph's College of Engineering	UG Student
110	G.SARAVANAPANDI	SRI VENKATESHWARA COLLEGE OF ENGINEERING	UG Student

Total Number of respondents: 110				
Feedback	Strongly Agree	Agree	Neutral	Disagree
The session delivered the information I expected to receive	65	42	3	0
The subject matter was presented effectively	72	37	1	0
The pace and duration of the webinar was satisfactory	65	42	3	0
The resource person is knowledgeable	82	26	1	1
The resource person presented the information in a clear and logical manner	72	36	1	1
Sufficient time was given for interaction	71	35	3	1
The webinar was well organized	73	34	3	0
As a result of this webinar, I gained new knowledge	76	31	2	1

SUMMARY OF FEEDBACK



Additional comments/feedback from participants:

- Gained lots of additional knowledge about admixture, and very good exposure
- The webinar was very much informative.
- It was a very beneficial and informative session.
- It was well organised.
- Presentations could be shared.
- Expecting webinars in all different disciplines of civil engineering.
- Research Scholar category can be added in the feedback form

Saylort

Prepared By Ms.K.Sathyapriya (AP/Civil Engg.) Coordinator

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Approved By Dr.R.Kumutha(HoD /Civil Engg.) Convenor & Organising secretary