



Department of
Civil Engineering

CATEGORY 1
UNIVERSITY
BY MHRD, Govt. of India

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43 YEARS OF
EDUCATIONAL
LEADERSHIP

29th
June- 2023

Online Webinar on

KNOW YOUR CEMENT

Venue: Online (WebEx) Platform



Resource Person

Er. Palivela Sai Babu

*Sales and Marketing Head
Andhra Pradesh, India
Zuari Cement*

Faculty Coordinator:

Dr. J.D.Chaitanya Kumar,
Asst.Prof, CE, K L E F

Ref: KLEF/RO/HOD-CE/2022-23

Date: 28-06-2023

Orders of the Vice-Chancellor dt.28-05-2023

CIRCULAR

Sub: Online Webinar on “**Know your cement**” by the Department of CE, KLEF – Reg.

Ref: Letter dated 28.06.2023 from Dr. P. Poluraju, HoD - CE.

This is to inform that Department of Civil Engineering, KLEF, is organizing an online webinar on “**Know your cement**” as per the details given below.

Details of the Resource Person

Resource Person : Er. Er. Palivela Sai Babu

Sales and Marketing Head Andhra Pradesh, India, Zuari Cement

Date and Time : 29th June 2023 (Thursday) from 12:00 P.M.

Interested candidates can join themselves by clicking on the link given below.

Link to join the session:

Meeting link:

<https://kluniversity.webex.com/kluniversity/j.php?MTID=mb98c2836b776c35eae9200fbed6bbe80>

For any queries on Online Webinar, please contact faculty coordinator.

Event Coordinator

Dr. J. D. Chaitanya Kumar

Assistant Professor, Department of Civil Engineering, KL.

Mobile No.: +91 94405500981

E-mail Id: jd2sai@kluniversity.in

Poster of the webinar is enclosed herewith.

REGISTRAR

Encl: Brochure.

Mail & Hard copy to: Hon'ble President, KLEF

Mail to: Hon'ble Vice-Presidents, KLEF

Mail & Hard copy to: Hon'ble Chancellor / Hon'ble Pro Chancellor / Hon'ble Vice-Chancellor

Mail & Hard copy to: OSD to Hon'ble Chancellor-Dr.K. Subrahmanyam

Mail & Hard copy to: Pro Vice-Chancellor (Administration)-Dr.N.Venkatram

*Mail to:*Chief Coordinating Officer-Dr.A. Jagadeesh / Chief Coordinating Officer of Examinations-Dr.K.J.Babu

Mail to: All Deans / All Principals / All Directors

Mail to: KL H – Dean/ /Principal-Engg.College / Principal-Business School / Vice-Principal

Mail to: Vice-Principal-Coll. of Science & Humanities & Coordinator-FED..Dr.VKR

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HoDs..Maths / PHY / CHEM / ENG / BES-I / BES-II

HoDs..MBA / BBA / COM / HM / CSS / CA&MS / Law / Architecture / Pharmacy / BCA / Arts

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Mail to: All students



Koneru Lakshmaiah Education Foundation

(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)

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Phone No. 0863 - 2399999; www.klef.ac.in; www.klef.edu.in; www.kluniversity.in

Admin Off: 29-36-38, Museum Road, Governorpet, Vijayawada - 520 002. Ph: +91 - 866 -2577715, Fax: +91-866-2577717.

DEPARTMENT OF CIVIL ENGINEERING

Details of Webinar For the month of June-2023

Topic: Know Your Cement

Speaker: Er. Er. Palivela Sai Babu, Sales and Marketing Head Andhra Pradesh, India, Zuari Cement.

Date: 29th June 2023

Time: 12: 00 PM onwards

Venue: Online

The webinar has begun with an introductory speech by the faculty coordinator, **Dr. J.D. Chaitanya Kumar**. The presentation by the speaker covered various concepts about


- (i) Cement Invention?
- (ii) Raw Material
- (iii) Cement Manufacturing Process
- (iv) Clinker Chemical Composition & Properties
- (v) PPC Reaction
- (vi) Heat of Hydration

Followed by an interactive session, where various questions were asked by the students about the producing cement. The lecture was then concluded with a vote of thanks by the faculty in charge, Dr. J.D. Chaitanya Kumar. The feedback survey conducted after the lecture showed that a good number of participants were happy with the content and expressed that the contents were knowledgeable.

KL Department of **Civil Engineering**

CATERING & ACCREDITED BY UNIVERSITY BLAC WITH A++
 ISO 9001:2015 ISO 14001:2015 ISO 45001:2018
 43 YEARS OF EXCELLENCE

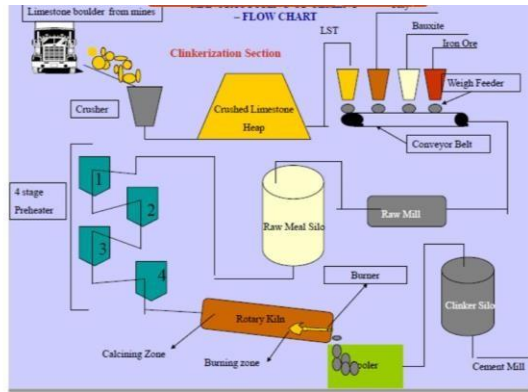
Online Webinar on know your cement
 On 29th July 2023



Er. Palivela Sai Babu
 Sales and Marketing Head
 Andhra Pradesh, India
 Zuari Cement

Venue:
 Online (WebEx) Platform

Faculty coordinator
 Dr. J. D. Chaitanya kumar
 Assistant Professor, CE
 KLEF



clinker + Gypsum = OPC

clinker + Gypsum + Fly ash = PPC

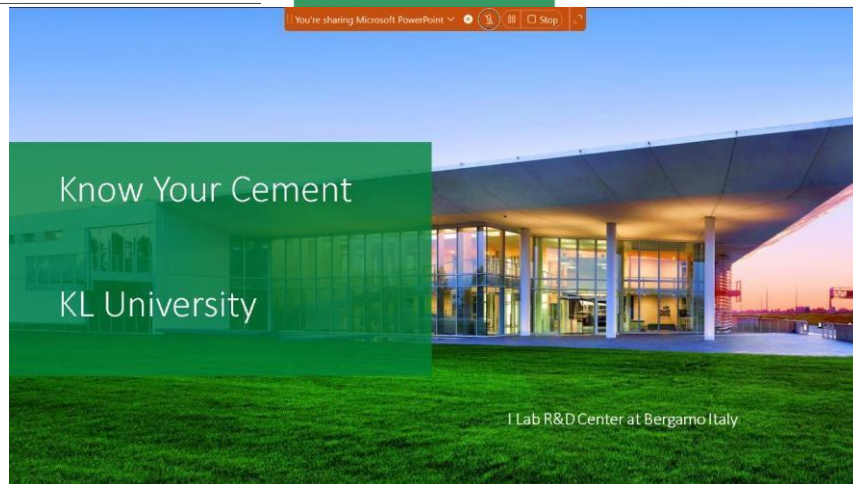
clinker + Gypsum + GGBS = PSC

clinker + Gypsum + GGBS + Fly ash = Composite cement

Types of Cements as Per IS Code

No.	Type of Cement	IS Code
1.	Ordinary Portland Cement for 33/43/53 Grade	IS 269
2.	Portland Pozzolana Cement (Fly Ash Based)	IS 1489 – Par
3.	Portland Slag Cement	IS 455
4.	Super Sulphated Cement	IS 6909
5.	Sulphate Resisting Portland Cement	IS 12330
6.	Low Heat Portland Cement	IS 12600
7.	White cement	IS 8042
8.	Hydrophobic Cement	IS 8043
9.	Masonry Cement	IS 3466
10.	Oil Well Cement	IS 8229
11.	High Alumina Cement	IS 6452
12.	Rapid Hardening Portland Cement	IS 8041
13.	Composite Cement -	IS 16415
14.	Railway Sleeper Cement	IS 12269 – 53

HEIDELBERGCEMENT



J.D. Chaitanya Kumar

Faculty in-charge
(Dr. J. D. Chaitanya Kumar)

A. Aravindan

IQAC in charge
(Dr. A. Aravindan)

P. Polu Raju

HOD CE
(Dr. P. Polu Raju)

ATTANDANCE

12:57
Phone
01:28:45
Layout

Dr. J. D. Chaitanya Kumar's application

Participants (40)

- DK Dr.J.D.Chaitanya Kumar Host
- 2C 2000020012 Meduri Sri Sai Chaitanya
- 2 2000020014
- 2 2000020035
- 2 2000020049
- 2 2000029006
- 2 2000029008
- 2S 200020013 Dhanya Siri
- 2N 2100020005 Kruthin Nelakuditi
- 2 2100020019

Bottom bar with home indicator

12:57
Phone
01:29:22
Layout

Dr. J. D. Chaitanya Kumar's application

Participants (40)

- DR DEEPAK REDDY
- DR Dr B Kameswara Rao
- DP Dr. PALLEBOINA POLURAJU
- G Geetha
- H hemantharaja
- H himath
- KJ K. Bala jyothi
- LN LINGESHWARAN N
- PB P Sai Babu
- PN palaparthi Nagaraju

Bottom bar with home indicator

Dr. J.D.Chaitanya Kumar's application

Participants (40)

- 2 2100020019
- 2 2100029005
- 2 2100029008
- 2 2100029009
- 2 2100029010
- 2 2100029014
- 2 2100029016
- AA A Aravindan
- AS Ajay STP
- A anjali
- AD A...



Dr. J.D.Chaitanya Kumar's application

Participants (40)

- H
- KJ K. Bala jyothi
- LN LINGESHWARAN N
- PB P Sai Babu
- PN palaparthi Nagaraju
- PA Potluri Anudeep
- SK Sanjeet Kumar
- ST Siva Teja
- S Sridhar
- V Vijay
- Y Yuvaraju

