



Indian Concrete Institute

Indian Concrete Institute (ICI), Pune Centre

In Association with

All India Council for Technical Education (AICTE), New Delhi

Akhil Bharatiya Maratha Shikshan Parishad's



Anantrao Pawar College of Engineering & Research, Pune



PRIZES FOR EVENTS

1st Prize - Rs. 1,86,000/- (Rs. 31,000 x 6 Groups)

2nd Prize - Rs. 1,26,000/- (Rs. 21,000 x 6 Groups)

3rd Prize - Rs. 90,000/- (Rs. 15,000 x 6 Groups)

On the Spot Consolidated Prizes also

Prizes Upto 5 lakhs

Celebrates

CONCRETE DAY

14th September 2022



ENGINEERS DAY

15th September 2022

Along With

Exhibition of New Construction Equipments, Related Products & Admixture & National Level Paper, Poster, Concrete Cube, Innovative Ideas, Ice-cream Stick Bridge Model, Design Your Green Concrete Competition For Diploma & Degree Students

LINK / QR CODE FOR REGISTRATION

<https://forms.gle/xbaKkE47HERrGNHGA>



FREE Accommodation for outstation students

NO REGISTRATION FEE

ELIGIBILITY CRITERIA

Allowed for Diploma & Degree Students only

LAST DATE OF REGISTRATION

13th September 2022

On the Spot Registration will be accepted

Mode of Conduction - Offline Only

ICI Members

Yusuf Inamdar
Chairman

Sucheta Kalawar
Secretary

Conveners

Dr. Abhay Shelar

Hemant Joshi

Dr. Archana G. Tanawade

Co Conveners

u J Kumar Infraprojects Ltd.

Advisory Committee

u Mrs. Pramilitai B. Gaikwad,
General Secretary, A.B.M.S.Parishad, Pune

u Dr. Sunil B. Thakare
Principal, APCOER, Pune

TECH SEARCH (Paper Presentation)

Content of paper consist of cement and / or concrete or any inventions or advances in civil Engineering

Competition on 14th September 2022

TECH PLACARD (Poster Presentation)

Content of Poster consist of cement and / or concrete or advances in civil Engineering

Competition on 15th September 2022

TECH GREEN CONCRETE CUBE COMPETITION

Design your green concrete cube with your own achievable concrete cube strength and achieve that strength while testing

Mix Design and Casting of Concrete on 14th September 2022

And Testing on 15th September 2022

TECH CONCRETE CUBE COMPETITION

Submit your 3 concrete cubes, while testing compressive strength must be closest value, it will be announced as winner

Competition on 14th September 2022

TECH ICE CREAM STICK BRIDGE MODEL COMPETITION

Ice Cream sticks will be provided. Minimum weight of bridge & maximum load carrying capacity will be the winner of the competition. Making of Ice-cream stick bridge on

14th September 2022

Testing of Ice-cream stick bridge on

15th September 2022

TECH INNOVATIVE IDEAS COMPETITION

On the Spot problem statement will be given & relevant solutions expected.

Competition on 15th September 2022

Venue :

Akhil Bharatiya Maratha Shikshan Parishad's

ANANTRAO PAWAR COLLEGE OF ENGINEERING & RESEARCH, (APCOER)

S. No. 103, Shahu College Campus, Parvati Pune - 411 009. Phone : 020 - 24218959 / 24218901 Website : www. abmspcorpune.org

Event Helpline Mobile No.: Dr. Abhay Shelar - 07775075700

ABOUT THE EVENT

We are organizing the national Level Program on Concrete Day on 14th September 2022 and Engineer's Day on 15th September 2022 with Exhibition of Innovations in Concrete related Products, Equipments, Techniques & Chemicals.

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1st Prize Rs. 1,86,000/- (Rs. 31,000 x 6 Groups)
2nd Prize Rs. 1,26,000/- (Rs. 21,000 x 6 Groups)
3rd Prize Rs. 90,000/- (Rs. 15,000 x 6 Groups)

On the Spot Consolidated Prizes also

**Prizes
Upto
5 lakhs**

REGISTRATION FEES

No Registration Fee for any event or groups

GUIDELINES FOR PARTICIPATION

- 1) Paper, poster, should be based on cement and / or concrete or advances in civil engineering
- 2) Paper should be submitted with the 2 hard copies in prescribed format given on website
- 3) Poster topic will be related to cement, concrete & new technologies.
- 4) Maximum size of poster should be 3 feet X 4 feet.
- 5) Poster should be flex print or handmade is accepted.
- 6) Poster & paper format is available on college website : www.abmspcorpune.org
- 7) Concrete cube - each group should be bring 3 concrete cubes.
- 8) Maximum 6 members in a single group will be accepted.
- 9) All the outstation participants will be provided free accomodation.
- 10) No TA/DA will be given to the participants

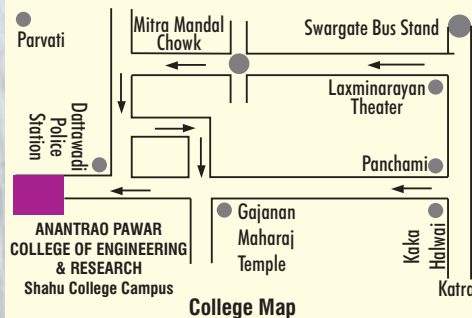
LINK / QR CODE FOR REGISTRATION

<https://forms.gle/xbakke47HERrGNHGA>



On the Spot Registration will be accepted

HOW TO REACH FOR EVENT



Venue

Akhil Bharatiya Maratha Shikshan Parishad's
ANANTRAO PAWAR COLLEGE OF ENGINEERING & RESEARCH

S. No. 103, Shahu College Campus, Parvati Pune - 411 009.

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Anant Rao Pawar College of Engineering & Research, Pune



Celebrates

CONCRETE DAY 14th September 2022

&

ENGINEERS DAY 15th September 2022

Along with

Exhibition of innovations in concrete & National level paper, poster, concrete cube, innovative ideas, ice-cream stick bridge model, tech green concrete cube competition for diploma & degree students

About ICI

Indian Concrete Institute is one of the leading professional bodies in India, catering to the professional needs of individuals and organisations involved in Concrete. Being a non-profit Organisation, it is dedicated to the cause of Disseminating Knowledge on Concrete, to Promote Concrete Technology and Construction & to address the Research Needs of Concrete. The Genesis of ICI dates back to the year 1982, when SERC Chennai & Anna University jointly conducted an International Seminar on Modern Concrete Construction Practices. The overwhelming response to the seminar prompted the Organisers to start the Indian Concrete Institute. Thus, the ICI was born in 1982 with around 500 members from 5 regional Centres.

ICI identifies, recognizes and rewards the experts in the field of Concrete for their contributions to the development of concrete technology and Concrete Construction. Sixteen such awards are presented every year at the time of AGM. ICI brings out several publications, proceedings of all the important events for the benefit of members and others. Work is on to bring out a journal of international standard, through one of the world renowned Publisher.

ICI Members



Mr. Yusuf Inamdar

Chairman - ICI
Business & Tech Head J Kumar Infraprojects Ltd.
RMC Pune Division



Mrs. Sucheta Kalawar

Secretary - ICI
Concrete Consultant

Conveners



Dr. Abhay Shelar

HOD Civil Engg. Dept., APCOER Pune



Dr. Archana G. Tanawade

Asst. Prof., VIIT Pune



Mr. Hemant Joshi

Ex-Honorary Secretary, ICI, Pune

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Dr. Sunil B. Thakare

Principal, APCOER, Pune

TECH GREEN CONCRETE CUBE COMPETITION

Tech green concrete cube competition is a National level mix design competition for all diploma & degree students. This contest provides a National platform for the students to explore their innovations through the Competition.

Mix design and casting of concrete on **14th September 2022** and testing on **15th September 2022**

Green concrete cube compressive competition strength test : **Compressive strength will be conducted for one of the three cubes (On CTM)**

TECH SEARCH (PAPER PRESENTATION)

Tech Search is a National Level Paper presentation for all Diploma & Degree students. This contest provides a National platform for the students to explore their innovative ideas through the technical paper presentation.

Paper Presentation Dates : **14th September 2022**

Paper Presentations Topics : **Content of Paper included with Cement and / or Concrete**

Paper format is available on college website : www.abmspcorpune.org

TECH PLACARD (POSTER PRESENTATION)

Tech search is a National level poster presentation for all Diploma & Degree students. This contest provides a National platform for the students to explore their innovative ideas through the technical poster presentation.

Poster Presentation Dates : **15th September 2022**

Poster Presentations Topics : **Content of poster included with cement and / or concrete or Advances in Civil Engineering Field**

Poster format is available on college website : www.abmspcorpune.org

Rules for Poster Presentation:

- 1 Team size is restricted up maximum six (6) participants
- 2 All the participants are required to bring hard copy of poster.
- 3 Poster should be made or printed on paper or flex printing.
- 4 All the participants present during the event will be given a participation certificate.

TECH INNOVATIVE IDEA COMPETITION

Tech Innovative Idea Competition is a National Level Competition for all Diploma & Degree students. This contest provides a National platform for the students to explore their innovations Ideas.

Innovative Idea Competition Dates : **15th September 2022**

On the spot problem statements will be given and relevant solutions are expected.

TECH CONCRETE CUBE COMPETITION

Tech concrete cube competition is a National level Concrete cube competition for all diploma & degree students. This contest provides a National platform for the students to explore their innovations through the Concrete cube competition.

Concrete cube competition dates : **14th September 2022**

Concrete cube compressive competition strength Test : **Compressive / Flexural strength of concrete of three cubes**

Rules

1. Three numbers of 15 x 15 x 15cm cubes required for concrete cube competition with mix design in hard copy
2. Three concrete cubes weight must be equal (1 to 2 % variation in three cubes weight is acceptable)
3. Three concrete cubes compressive strength must be equal is winner.
4. Any compressive strength of concrete.
5. Curing of 3 concrete cubes to be done previously or have to put for curing in water before compressive strength testing.

TECH ICE-CREAM STICK BRIDGE COMPETITIONS

Tech search is a National level ice-cream stick bridge competition is for all diploma & degree students. This contest provides a National platform for the students to explore their innovative ideas for making ice-cream stick bridge through the technical knowledge.

Ice-cream stick bridge competitions dates : **14th & 15th September 2022**

Making of ice-cream stick bridge on dates : **14th September 2022**

Testing of ice-cream stick bridge on dates : **15th September 2022**

Minimum weight of bridge and maximum load carrying capacity will checked & announced as the winner.

Bridge Construction and Testing

1. Each participant or team, will work with approximately 150 popsicle sticks.
2. The finished bridge shall be built from a maximum of 100 wooden popsicle sticks using white all-purpose glue (e.g. LePagesBondfast).
3. Popsicle sticks must be left whole and not to use threads for making model.
4. A sheet of construction paper is to be used for the deck of the bridge, cut to fit the bridge design.
5. The bridge deck should be designed to have a matchbox car rolled across it. The car is approximately 35 mm wide and 15 mm high.
6. A load is applied at the top of the bridge, near the centre, using a UTM Machine.
7. A testing machine measures the load as the bridge fails.