

Concrete Fest 2k18

February 12-17, 2018 at Sanjay Ghodawat Group of Institution, Kolhapur, Maharashtra, India

Sanjay Ghodawat Group of Institutions (SGI) and Students Chapter of American Concrete Institute (ACI) organized Concrete Fest 2K18 at Kolhapur, Maharashtra, India during February 12-17, 2018. Five days' festival headed with a national level workshop on "Repair & Strengthening Concrete Structure" during February 12-13, 2018, a hand-on training program on NDT on Concrete Structure on February 13, 2018, and a national level conference on "Sustainability in Civil Engineering practices" during February 14-15, 2018 along with Pervious Concrete Cylinder Contest on February 16-17, 2018.

Concrete Fest 2k18 was inaugurated at Sanjay Ghodawat Group of Institutions (SGI) Atigre, Kolhapur, Maharashtra, India on Monday, February 12, 2018. Dr. Surendra Manjrekar, Honorary Member of American Concrete Institute was the Chief Guest for the function. The ceremony commenced with the welcome address by Dr. N. K. Patil, Professor, and Head, Department of Civil Engineering, SGI. This was followed by the Chief Guest address by Dr. S.K. Manjarekar. He addressed to participants about the ACI online library was plenty of literature available to upgrade knowledge about concrete technology. He also appreciated the progress of SGI and wished the best luck for the bright future of Sanjay Ghodawat University, Kolhapur.



Dr. Surendra Manjrekar, Honorary Member of American Concrete Institute, address during Inauguration of "Concrete Fest 2018"

Dr. V.A. Raikar, Vice-Chancellor of Sanjay Ghodawat University gave the presidential address. He gave assurance to a participant that, within a few years Concrete Fest will become an international platform where students can exchange their knowledge with experts from all around the globe.



Dr. V.A. Raikar, Vice-Chancellor of Sanjay Ghodawat University, Kolhapur, felicitated Chief Guest during Inauguration of "Concrete Fest 2k18"

Finally, Prof. Chetan Patil, Faculty Advisor, SGI Student Chapter of ACI gave the vote of thanks.

National Level Workshop on Repair & Strengthening Concrete Structure

The objective of the program was to make participants familiar with present theory and practices in repair and strengthening the concrete structure.



Dr. Surendra Manjrekar and Er. Mike Enavs, ARUP International with office barer of SGI Student Chapter of ACI.

The program was scheduled in seven sessions headed by Dr. S.K. Manjarekar on newer and more robust technologies to mitigate RCC corrosion to have lasting repairs. The second and third session on Day 1 was headed by Er. Mike Evans, Arup International, Landon on details evaluation and repair of Nuclear Power Plant, North Wales, London.



Dr. Mangesh V. Joshi, CEO, Sanrachana Structural Strengthening Pvt Ltd, Thane

The fourth session on Day 2 was headed by Prof. Chetan S Patil, Assistant Professor, Sanjay Ghodawat Group of Institutions (SGI) on Non-Destructive Testing of concrete structures and its application with limitation of use of the NDT equipment. The fifth session was conducted by Er. Alok Kher from Arup, Hong Kong. He delivered sessions through the live webinar on detailed seismic assessment and retrofit design of a building in Dhaka, Bangladesh.



Faculty and Student Participants in National Level Workshop on Repair & Strengthening Concrete Structure "Concrete Fest 2018"

The last two sessions were delivered by Dr. Mangesh V. Joshi, CEO, Sanrachana Structural Strengthening Pvt Ltd, Thane on repairs of concrete structure by using innovative techniques such as epoxy resin, glass fiber wrapping, and sheathing, etc.

A Hand-on Training Program on NDT on Concrete Structure (13 February 2018)

The purpose of the workshop was to provide participants a basic understanding of methods, their principles, and techniques for non-destructive testing and condition assessment of the concrete structure.

A Hands-on Training Program on NDT on Concrete Structure" for PG/UG Students on February 13, 2018, at SGI, Civil Engineering Department was organized.

More than 200 students participated in this workshop. One session explained the fundamentals of NDT and other sessions explained different testing techniques used in NDT on concrete. Prof. K.G. Hiraskar, Department of Civil Engineering, K.I. T's College of

Engineering, Kolhapur was the resource person for this workshop.



Prof. K.G. Hiraskar, conducted hand on experiment on Rebound Hammerin "Concrete Fest 2018"

In the afternoon session, students experienced hands-on field testing with Summit Rebound Hammer, Ultrasonic Pulse Velocity Meter, Profometer and Profoscope (Advanced cover meters for rebar location and measurement of concrete cover and rebar size).



Student participant with expert Mr. C.S. Patil for One Day Course on NDT on Concrete Structure of "Concrete Fest 2018"

National level conference on Sustainability in Civil Engineering practices (14-15 February 2018)

The purpose of the conference was to provide an insight in the area of sustainability in Civil Engineering practices. The primary motivation of this competition was to enhance the ability of students to deliver a visual presentation with and without any audio-visual aids.

More than 40 papers were presented during the paper presentation competition. Prof. Abhay Joshi, Dr. D.Y. Patil College of Engineering, Kolhapur, India was the main judge for this competition.

The first prize was bagged by Ms. Pramodini Patil from Walchand College of Engineering, Sangli, India. In second position Ms. Pooja Joshi and Ms. Sharayu Joshi from Sanjay Ghodawat Group of Institution, Kolhapur, India. The third position was held by Mr. Shubham Powar and Mr. Vaibhav Pudale from JSPM College of Engineering, Pune, India.



The first prize winner was Ms. Pramodini Patil from Walchand College of Engineering, Sangli, Indian Paper Presentation Contest of “Concrete Fest 2018”

In a poster presentation, more than 35 posters were displayed during the competition. Er. Hemang Shah, S.N. Builders, Kolhapur, India was an external judge and Prof. N.M. Patil, Assistant Professor, was the internal judge for this competition.



Student participant in Poster Presentation Competition “Concrete Fest 2018”

The first position was held by Ms. Pratiksha Katarak, Singhgad Institute of Engineering, Pune, India. Mr. Shubham Khairnar and Mr. Satish Dighule from Second position Singhgad Institute of Engineering, Pune, India stood at a second position. The third position was held by Ms. Prajakta Deshmane and Mr. Prajakta Jadhav from Sanjay Ghodawat Group of Institution, Kolhapur, India.

Pervious Concrete Cylinder Contest (16-17 February 2018)

Teams were challenged to apply sustainability concepts and to use their knowledge of concrete mixture design by producing pervious concrete that balances permeability and splitting tensile strength. Cylinders shall be 100 mm in diameter and 150 mm in length tested for falling head permeability test by using fiber reinforced concrete. 46 group (250 students) participated in Pervious Concrete Cylinder Contest during “Concrete Fest 2k18”. Prof. K.G. Hiraskar, K.I. T’s College of Engineering, Kolhapur as an external judge and Prof. V.G. Khurd, Sanjay Ghodawat Group of Institution, Kolhapur worked as an internal judge for this contest.

First prize of Rs. 10,000/- awarded to Mr. Pranav Wadgule, Mr. Amar Patil, Mr. Vishwajit Shinde, Mr. Mohan Gorule, Mr. Pravin Sawant from Dr. A. D. Shinde Institute of Technology, Kolhapur, India



First Prize Winner (Mr. Pranav Wadgule, Mr. Amar Patil, Mr. Vishwajit Shinde, Mr. Mohan Gorule, Mr. Pravin Sawant from Dr. A. D. Shinde Institute of Technology, Kolhapur, India) in Pervious Concrete Cylinder Contest of “Concrete Fest 2018”

Second prize of Rs. 7000/- was awarded to Mr. Pratik Gosavi, Mr. Gorakhnath Parit, Mr. Chetan Sanale, Mr. Abhijit Chavan and Mr. Omkar Modake from Dr. D.Y. Patil College of Engineering, Kolhapur, India.

Institutional first prize of Rs. 5000/- awarded to Mr. Akshay Madekar, Mr. Rohit Jathar, Mr. Omkar Kadukar, Mr. Suraj Patane and Mr. Omkar Arade from Sanjay Ghodawat Group of Institution, Kolhapur, India. Institutional Second prize of Rs. 3000/- awarded to Mr. Vaibhav Patil, Mr. Tushar Rupnar, Mr. Sourabh Patil, Ms. Shilpa Patil and Mr. Padmashree Bindage from Sanjay Ghodawat Group of Institution, Kolhapur, India.

More than, total 600 Civil Engineering Students and 80 faculty & consultant engineers was participated in five national level events.



Faculty & Student Coordinator in Pervious Concrete Cylinder Contest (Concrete Fest 2k18)