

Design and Development of Self Compacting Concrete (Nirmaan Club)

Date of the event: Design and Development of Self Compacting Concrete

Time of the event: 9th December 2022 to 14th December 2022

Venue of the event: - CEM Lab

Level of the event: - College level

Notice of the event: -



SWAMI KESHIVANAND INSTITUTE OF TECHNOLOGY,
MANAGEMENT & GRAMOTHAN JAIPUR-302017

DEPARTMENT OF CIVIL ENGINEERING

Ref.: SKIT/CE/22-23/1185

02/12/2022

NOTICE

The student workshop for Civil Engineering students on “**Design & Development of Self-Compacting Concrete**” is scheduled from December 09, 2022 to December 14, 2022.

Dr. Rakesh Choudhary
Event Co-ordinator

Dr. Abhishek Jain
Event Co-ordinator

Prof. D.K. Sharma
HoD

Copy to:

- i. Director (Academics)
- ii. Principal
- iii. Dean
- iv. All Faculty Members of CE
- v. All Notice Board
- vi. NBA/ NAAC File



Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur



Department of Civil Engineering
In collaboration with

Nirmaan Club

Organising

5 – Day Student Workshop on

“Design and Development of Self-compacting concrete”

TENTATIVE SCHEDULE

December 9 th , 2022 (Friday)	
12:30 PM to 12:45 PM	Inaugural Session
12:45 PM to 02:30 PM	<i>“Introduction of SCC”</i>
December 10 th , 2022 (Saturday)	
12:30 PM to 01:30 PM	<i>“Fresh Properties of SCC and acceptance criteria”</i>
01:30 PM to 02:30 PM	<i>“Raw material testing”</i>
December 12 th , 2022 (Monday)	
12:30 PM to 01:30 PM	<i>“SCC Mix design philosophy”</i>
01:30 PM to 02:30 PM	<i>“Hands on practice of SCC mix design using excel”</i>
December 13 th , 2022 (Tuesday)	
12:30 PM to 02:30 PM	<i>“Trial Mixes and evaluation of fresh properties”</i>
December 14 th , 2022 (Wednesday)	
12:30 PM to 02:15 PM	<i>“Final SCC mix, fresh properties and casting”</i>
02:15 PM to 02:30 PM	Valedictory Ceremony

For registration fill the google form using the following link/ QR code
<https://forms.gle/PkCa7FeXTRGCEOfh9>

Important Note:

Certificate of participation will be provided to all participating students.

Only 30 seats (First cum first allotment basis)



Event brochure / banner:-



**Swami Keshvanand Institute of Technology,
Management & Gramothan, Jaipur**



Department of Civil Engineering

In collaboration with

Nirmaan Club

Organizing

Five Day Student Workshop (December 9-14, 2022)

On

Design & Development of Self-Compacting Concrete

About SCC:

Self-Compacting concrete (SCC) is a noteworthy product that was developed, three decades back, in Japan by Prof. Hajjime Okamura, when Japan was suffering from durability issues. A new invention was essential to eliminate the skilled labor requirement and durability issues in the decade of the 1980s. After a lot of trials and laboratory experiments, a new altered form of conventional concrete was discovered and termed as “Self-compacting concrete”. It has special fresh properties like flowability, filling ability, passing ability and segregation resistance.



Faculty Coordinators

Dr. Rakesh Choudhary
Assistant Professor (CE)

Dr. Abhishek Jain
Assistant Professor (CE)

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Certificate of participation will be provided to all participating students.

Only 30 seats (First cum first allotment basis)

For any other information contact to Student Coordinators

Ms. Nupur Singh (B210390@skit.ac.in)

Mr. Kanak Sharma (jangidkanak104@gmail.com)



Objective of the event:-

The objective of the event was to tell students the importance of Self Compacting Concrete and also to tell them how to make SCC and its importance.

Details (Execution):-

The workshop was held with the support of students and guidance of Teachers with a lots of fun and knowledge. The students were able to learn new things and Correct process of making SCC.

Details/List of teacher participants:-

Sr. No.	Name of Teacher	Branch
1.	Dr. Rakesh Choudhary	Civil
2.	Dr. Abhishek Jain	Civil

Attendance sheet of participants:-

Attendance of student workshop on Design & Development of SCC							
Sr. No.	Name of Student	RTU Roll no.	09-12-2022	10-12-2022	12-12-2022	13-12-2022	14-12-2022
1	Shiv Singh Naruka	19ESKCE108	Shiv	Shiv	Shiv	Shiv	Shiv
2	Abhishek Bansal	20ESKCE003	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek
3	Abhishek Choudhary	20ESKCE004	Abhishek	Abhishek	Abhishek	Abhishek	Abhishek
4	Ajay kumar meena	20ESKCE007	Ajay	Ajay	Ajay	Ajay	Ajay
5	Ankit Yadav	20ESKCE016	Ankit	Ankit	Ankit	Ankit	Ankit
6	Arvind Yadav	20ESKCE021	Arvind Yadav	Arvind Yadav	Arvind Yadav	Arvind Yadav	Arvind Yadav
7	Deepak Meena	20ESKCE028	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
8	Dilkhush meena	20ESKCE034	Dilkhush	Dilkhush	Dilkhush	Dilkhush	Dilkhush
9	Gaurav Sharma	20ESKCE037	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav
10	Gourav Pooniya	20ESKCE038	Gourav	Gourav	Gourav	Gourav	Gourav
11	Hemant Kumar Mina	20ESKCE041	Hemant	Hemant	Hemant	Hemant	Hemant
12	Kamlesh Choudhary	20ESKCE048	Kamlesh	Kamlesh	Kamlesh	Kamlesh	Kamlesh
13	Kanishk Sharma	20ESKCE051	Kanishk	Kanishk	Kanishk	Kanishk	Kanishk
14	Kartik Choudhary	20ESKCE052	Kartik	Kartik	Kartik	Kartik	Kartik
15	Khem chand koli	20ESKCE053	Khem	Khem	Khem	Khem	Khem
16	Komal Kanwar Korawat	20ESKCE055	Komal	Komal	Komal	Komal	Komal
17	Kritika meena	20ESKCE056	Kritika	Kritika	Kritika	Kritika	Kritika
18	Libin M T	20ESKCE064	Libin	Libin	Libin	Libin	Libin
19	Maahi Kaur Disanj	20ESKCE065	Maahi	Maahi	Maahi	Maahi	Maahi
20	Manish sattavan	20ESKCE069	Manish	Manish	Manish	Manish	Manish
21	Manjeet bijarniya	20ESKCE071	Manjeet	Manjeet	Manjeet	Manjeet	Manjeet
22	Manjeet Suman	20ESKCE072	Manjeet	Manjeet	Manjeet	Manjeet	Manjeet
23	Mohit Chaudhary	20ESKCE074	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
24	Preteesh Kakhani	20ESKCE091	Preteesh	Preteesh	Preteesh	Preteesh	Preteesh
25	Rahul Choudhary	20ESKCE093	Rahul	Rahul	Rahul	Rahul	Rahul
26	Rohit Lamba	20ESKCE103	Rohit	Rohit	Rohit	Rohit	Rohit
27	Sakshi Agarwal	20ESKCE108	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
28	Soham Sharma	20ESKCE112	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
29	udit soni	20ESKCE121	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
30	Varun Kumar Meena	20ESKCE123	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
31	Vivek Choudhary	20ESKCE131	ABSENT	ABSENT	ABSENT	ABSENT	ABSENT
32	Rahul sainsi	20ESKCE207	Rahul	Rahul	Rahul	Rahul	Rahul
33	Rakesh kumar Meena	20ESKCE208	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh
34	Kanak Sharma	20ESKCE049	Kanak	Kanak	Kanak	Kanak	Kanak
35	Mahil meel	20ESKCE066	Mahil	Mahil	Mahil	Mahil	Mahil
36	Archana Meena	20ESKCE018	Archana	Archana	Archana	Archana	Archana
37	Anil Choudhary	20ESKCE012	Anil	Anil	Anil	Anil	Anil
38	Vijay Kumar Bijay	20ESKCE124	Vijay	Vijay	Vijay	Vijay	Vijay
39	Puneet Dadhich	21ESKCE070	Puneet	Puneet	Puneet	Puneet	Puneet
40	Shreyansh Chitija	20ESKCE110	Shreyansh	Shreyansh	Shreyansh	Shreyansh	Shreyansh

Feedback of the event:-

At last the SCC was prepared with a lot of hard work of students and the concrete mixture had all the properties required.

Photos of event:-



News of event:-

पांच दिवसीय छात्र कार्यशाला संपन्न



P3 Police Public Politics
जयपुर । सिविल इंजीनियरिंग विभाग
एवं निर्माण क्लब, एस के आई टी एम
एंड जी, जयपुर की ओर से +डिजाइन
एंड डेवलपमेंट ऑफ सेल्फ-कॉम्पैक्टिंग
कंक्रीट (डीडीएससीसी- 2022)+ पर
5-दिवसीय छात्र कार्यशाला का समापन

बुधवार को हुआ। कार्यशाला मुख्य रूप
से सिविल इंजीनियरिंग के छात्रों के लिए
आयोजित की गई थी। सेल्फ-कॉम्पैक्टिंग
कंक्रीट (एससीसी) के महत्व, एससीसी
के मिश्रण डिजाइन और निर्माण प्रथाओं
के लिए टिकाऊ सामग्री पर चर्चा की गई।
कार्यक्रम का संचालन डॉ. राकेश चौधरी

एवं डॉ. अभिषेक जैन ने किया। प्रो डी के
शर्मा (सिविल इंजीनियरिंग प्रमुख) ने
सभी प्रतिभागियों को धन्यवाद दिया और
कार्यशाला के विषय की सराहना की। प्रो.
बी.एल. शर्मा ने कार्यशाला की शानदार
सफलता के लिए सभी समन्वयकों और
संकाय सदस्यों को बधाई दी।

Signature of Event Coordinator:-

Dr. Rakesh Choudhary

Dr. Abhishek Jain

Signature of Student Coordinator:-

Ms. Nupur Singh Choudhary