

Civil Engineering Department

*Two Days Seminar on “Recent Advancement in Soil and Structural Engineering
(RASSE- 2016)” 16th & 17th September 2016*



Two Days Seminar on

**“Recent Advancement in Soil and Structural Engineering
(RASSE- 2016)”
16th- 17th September, 2016**

Sponsored by



**Organized by
Civil Engineering Department**



CHIEF-PATRON

Dr. Dinesh R. Shah

PATRON

Dr. Navin C. Shah

CONVENOR

Mr. Kamlesh N. Gandhi

COORDINATOR

Mr. Yati Tank

Ms. Dimple Desai

Mr. Abhishek Raturi

ORGANIZING MEMBERS

Mr. Aditya Bhatt

Ms. Payal Patel

Ms. Runali Chheda

Ms. Nikahat Samnani

Inaugural Function

DATE: 16th September, 2016, Friday

TIME 09:30 am to 10:15 am

VENUE: J.D. Hall

SCHEDULE

Day I: 16th September 2016 (Friday)

08.30 AM- 09.30 AM	Breakfast and Registration
09.30 AM- 10.15 AM	Inaugural Function of Seminar UTU Anthem and Welcome Speech by Assistant Professor Nikahat Samnani , Dr. N.C. Shah (Director, CGPIT) & Mr. Kamlesh Gandhi (HOD, Civil) (J.D. Hall) and Group Photo
10.15 AM – 11.45 AM	Commencement of Session I Er. Hitesh Desai- Introduction to Indian Standard Provision for Civil Engineering
11.45 AM – 12.30 PM	Lunch
12.30 PM– 02.00 PM	Commencement of Session II Er. Hiren Desai- Quality Construction Practice for Durable RCC Structure
02.00 PM– 03.30 PM	Commencement of Session III Dr. A. K. Verma- Recent Advancement in Structural Engineering

Day II: 17th September 2016 (Saturday)

09.00 AM – 09.45 AM	Breakfast
09.45 AM– 11.15 AM	Commencement of Session I Dr. C. D. Modhera- Recent Advancement in Concrete Technology
11.15 AM– 12.00 PM	Lunch
12.00 PM– 01.30 PM	Commencement of Session II Dr. Ganesh Doiphode- Integrated Force Method and its Application to Structural Engineering Problems
01-30 PM– 03.00 PM	Commencement of Session III Dr. Pratima A. Patel- Impact of Geo- Hydro- Meteorological Parameters on Artificial Ground Water Recharging
03.00 PM– 03.45 PM	Valedictory Function and Vote of Thanks by Assistant Professor Yati Tank and Dimple Desai



Inauguration of Seminar





Expert Speakers





Participants



Total number of the Participants of RASSE- 2016 Seminar = 131

Session Wise Course Content of RASSE- 2016

Total 6 sessions were carried out by the mentioned experts. A background of these lectures has been summarized as follows:

Day I: 16th September, 2016

Session: I Er. Hitesh Desai- “Introduction to Indian Standard Provision for Civil Engineering”

An introductory session related to background of Indian Standard Provision was carried out by Er. Hitesh Desai. The different types of Indian Standards related to Soil Engineering, Structural Engineering and Concrete Technology have been explained in this session. Also, how to find the IS codes on web and an introduction to new and revised Indian Standards related to above mentioned topic were displayed in session, which was new for the students and faculties as well. In this way, the session became fruitful for them.

Session: II Er. Hiren Desai- “Quality Construction Practice for Durable RCC Structure”

The general guidelines related to quality construction practice for Durable RCC Structures were given. The common mistakes done at site such as in concrete reinforcement arrangement, concrete cover, curing of hardened concrete were discussed in brief by various photos of different sides. Also, concrete composition, different concrete admixtures and Indian Standards for Concrete for quality construction practice for Durable RCC Structures were been discussed in the session. The session was highly interactive as the various field aspects have been discussed by him.

Session: III Dr. A. K. Verma- “Recent Advancement in Structural Engineering”

In the last session of 1st Day, the current topics like, Ground Improvement Technique, Machine Foundation Analysis and Design were covered with the field application. Various types of Ground Improvement Techniques and the various analysis and design aspects of machine foundation such as modular ratio, embedment depth, etc. were elaborated and explained.

Day II: 17th September, 2016

Session: IV Dr. C. D. Modhera- “Recent Advancement in Concrete Technology”

In beginning a history and ingredients of concrete were narrated. Afterwards different types of Special Concrete in recent trends such as, Autoclaved Aerated Concrete, Air Entrained Concrete, Fibre Reinforced Concrete, Geo polymer Concrete, High Density Concrete, High Volume Fly Ash Concrete, High Performance Concrete, Ultra High Performance Concrete, High Strength Concrete, Self Compacting Concrete, Light Weight Concrete, Roller Compacted Concrete and Recycled Aggregate Concrete have been discussed in this session.

Session: V Dr. Ganesh Doiphode- “Integrated Force Method and its Application to Structural Engineering Problems”

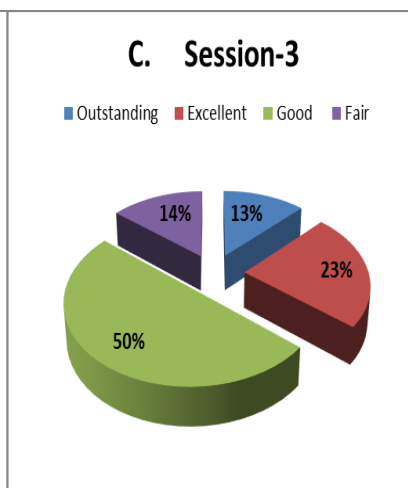
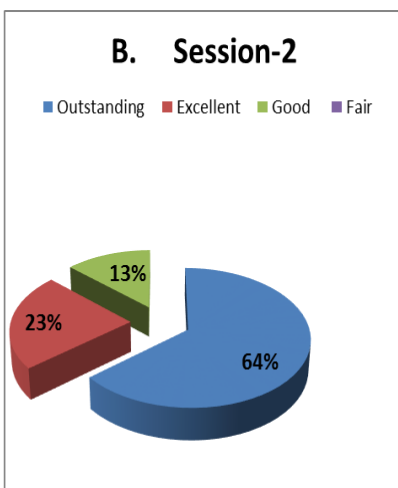
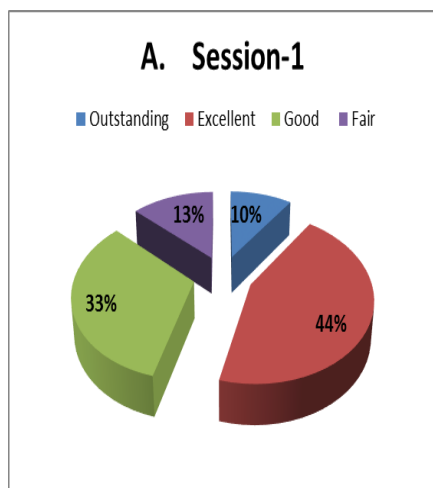
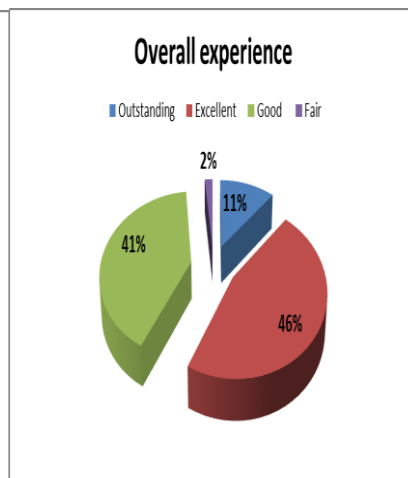
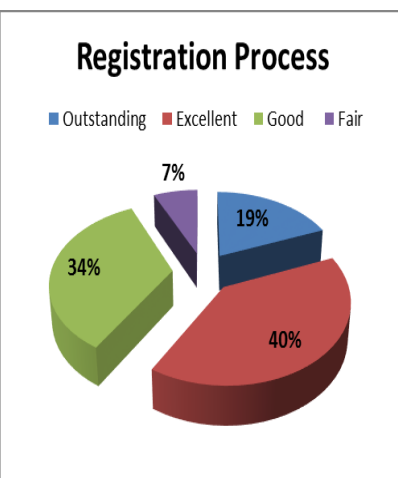
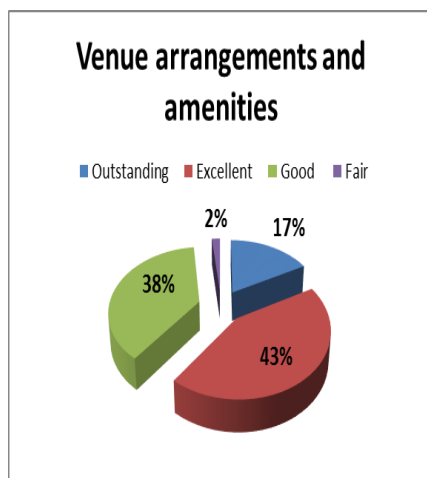
Integrated Force Method and its Application to Structural Engineering Problems in accordance to Finite Element Analysis and field application were explained in this session. As, the subject was FEA, the participants were curious to get the knowledge regarding this topic. Also, it was a current topic for Research and Development.

Session: VI Dr. Pratima A. Patel- “Impact of Geo- Hydro- Meteorological Parameters on Artificial Ground Water Recharging”

In beginning, an introduction of Geo- Hydro- Meteorological Parameters on Artificial Ground Water Recharging was carried out. Various topics such as, Statistics of Water availability, Methods, Technology & Cost of Installation have been illustrated in the session. At last, Overall Scenario and Case Studies were discussed.

Note:- All the participants learned different topic on Geotechnical Engineering, Concrete Technology and Structure Engineering. After Every Session discussion with expert speakers were carried out by the participants and they clear their quarry in their respective topic. At the end of two days seminar, feedback was carried out from the participants and they enjoyed the seminar and learnt different new topics regarding new Indian Standard Codes, Concrete Technology and Structural Engineering. And at the Valedictory Session, Mr. Kamlesh Gandhi, Dr. Pratima Patel and Dr. Ganesh Doiphode gave the attended certificate to all the participants.

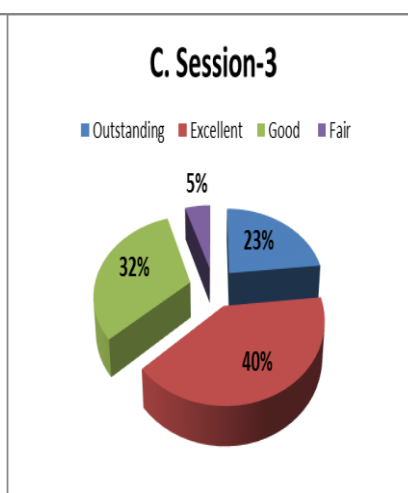
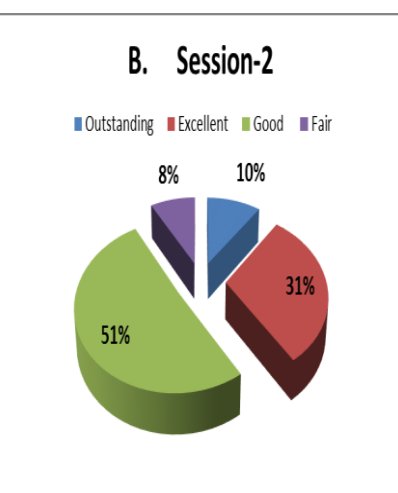
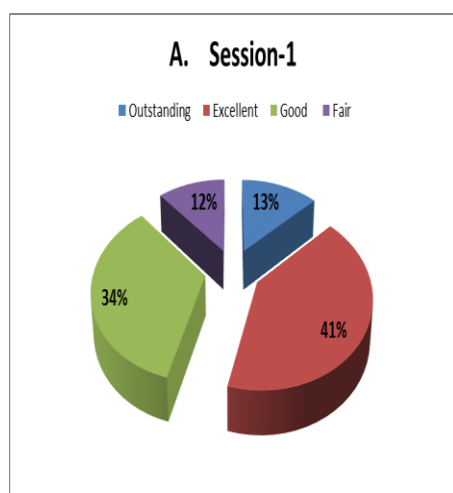
Feedback Analysis



Er. Hitesh Desai

Er. Hiren Desai

Dr. A. K. Verma



Dr. C. D. Modhera

Dr. Ganesh Doiphode

Dr. Pratima Patel

Certificate Distribution and Group Photo



