

Civil Engineering Department

Workshop on "Geotechnical Investigation and Soil - Structure
Interaction" 26th & 27th February 2016.



**Two Days Workshop
On
Geotechnical Investigation & Soil Structure Interaction**
26th - 27th February, 2016

CHIEF PATRON Dr. D. R. Shah Provost, UTU	KEYNOTES SPEAKERS 1. Prof. (Dr.) C.H.Solanki 2. Prof. B.J.Mehta 3. Prof. (Dr.) A.K.Desai 4. Prof. (Dr.) S.N.Desai 5. Prof. Vyom Pathak	CO-ORDINATORS Ms. Kinjal Shah Ms. Disha Parmar
PATRON Dr. N. C. Shah Director, CGPIT		ORGANISING COMMITTEE Mr. Hitesh Dhameliya Mr. Gunvant Solanki Mr. Jasmin Gadhiya Mr. Dujon Patel
CONVENER Mr. Kamlesh N. Gandhi Head, Civil Dept., CGPIT	Department of Civil Engineering C. G. Patel Institute of Technology Uka Tarsadia University Bardoli, Dist. Surat.	



CHIEF-PATRON
Dr. Dinesh R. Shah

PATRON
Dr. Navin C. Shah

CONVENOR
Mr. Kamlesh N. Gandhi

ORGANIZING MEMBERS
*Kinjal Shah
Disha Parmar*

Inaugural Function:-
DATE: 26th February, 2016, Friday
TIME: 10:30 am to 10:30 am
VENUE: J.D. Hall

SCHEDULE

Tea-Breakfast

09:30 AM

Day-1 (26-02-2016)

UTU Song (J.D. Hall)

10:00 AM

Inauguration of Work shop & Welcome speech by Assistant Professor Khushboo Parmar , Dr. N.C. Shah (Director, CGPIT) & K.N. Gandhi (HOD, Civil) (J.D. Hall)

10:10-10:30 AM

Commencement of session-1

10:30-12:30 AM

Dr.B.J.Mehta - Advance Methods Of Geotechnical Investigation, Basic Philosophy Of Investigation-A Present Scenario

Lunch

12:30-1:30 PM

Commencement of session-2

01:30-3:00 PM

Dr. S.N.Desai - Variables affecting Design of Pile Foundation

High Tea

03:00-3:15 PM

Commencement of session-2

3:15 -4:15 PM

Mr. Vyom Pathak - Soil Improvement Techniques - Tool for Optimal Foundation

Day-2 (27-02-2016)

Tea-Breakfast

10:00-10:30 AM

Commencement of session-1

10:30-12:00 AM

Prof.(Dr.) C.H.Solanki – “Geotechnical investigations for Structures”

Lunch

12:30-1:30 PM

Commencement of session-2

01:30-3:30 PM

Prof.(Dr.) A.K.Desai – “Special Foundations and Earthquake Dynamics”

High Tea

03:30-3:45 PM

Valedictory Function

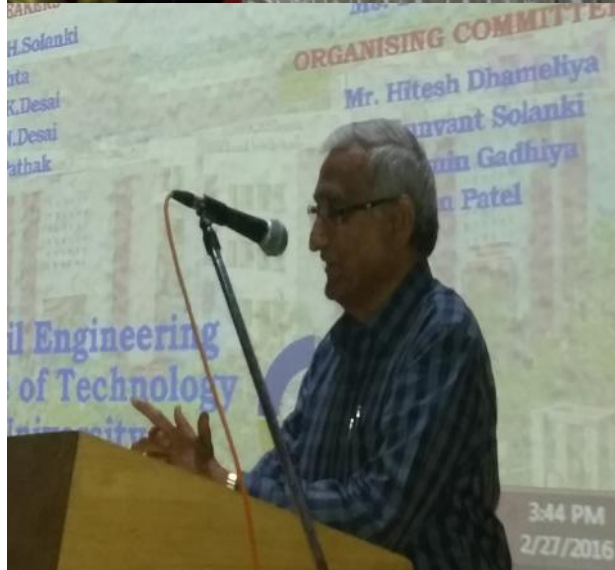
03:45-4:30 PM

Thanking speech by Assistant Professor Kinjal Shah

04:30-4:40 PM

Inauguration of Workshop





Two Days Workshop
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26 - 27 February, 2016

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Dr. D. R. Shah
Provost, UTU

PATRON

Dr. N. C. Shah
Director, CGPT

CONVENER

Dr. Kamlesh N. Gandhi
Head, Civil Dept., CGPT

KEYNOTES SPEAKERS

1. Prof. (Dr.) C.H.Solanki
2. Prof. B.J.Mehta
3. Prof. (Dr.) A.K.Desai
4. Prof. (Dr.) S.N.Desai
5. Prof. Vyom Pathak

CO-ORDINATORS

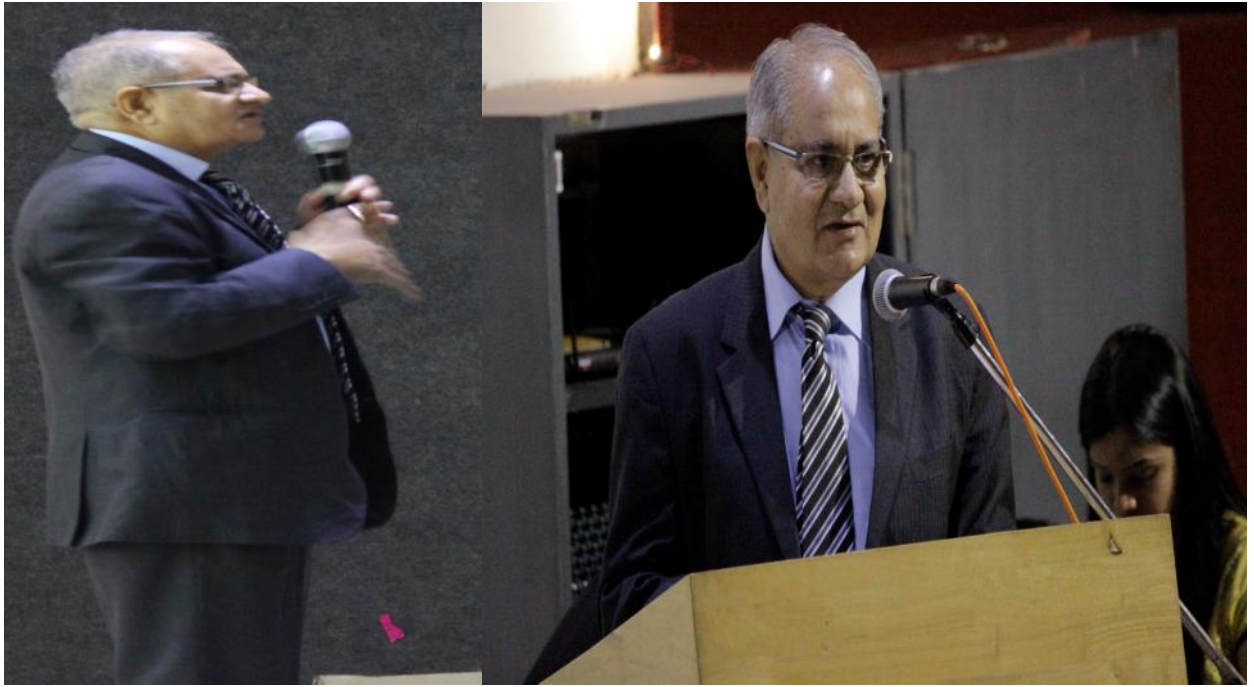
Ms. Kinjal Shah
Ms. Disha Parmar

ORGANISING COMMITTEE

Mr. Hitesh Dhameliya
Mr. Gunvant Solanki
Mr. Jashraj Gadhiya
Mr. Dujon Patel



Expert Speakers





Participants



Total number of the Participates in Geotechnical Investigation and Soil – Structure

Interaction workshop = 81

Two Day workshop Schedule:

DAY 1:

- **Dr. B.J. Mehta** had delivered lecture on “Advance Methods of Geotechnical Investigation, Basic Philosophy Of Investigation-A Present Scenario”. In his lecture he gave the presentation on the purpose of a soil investigation, soil exploration programme, different types of methods are used for boring, preparation for bore log, soil sampling, rock sampling, field strength test, SPT test, CPT Test, Plate Load Test and preparation of different report like Geotechnical design report, subsoil exploration report.
- **Dr. S.N. Desai** had delivered lecture on “Variables affecting Design of Pile Foundation”. In his lecture he gave the presentation on different types of pile, which are the load applied on the pile, mode of failure, displacement of pile, replacement of pile, ultimate limit state design, design of pile foundation, soil design of pile, structural design of pile.

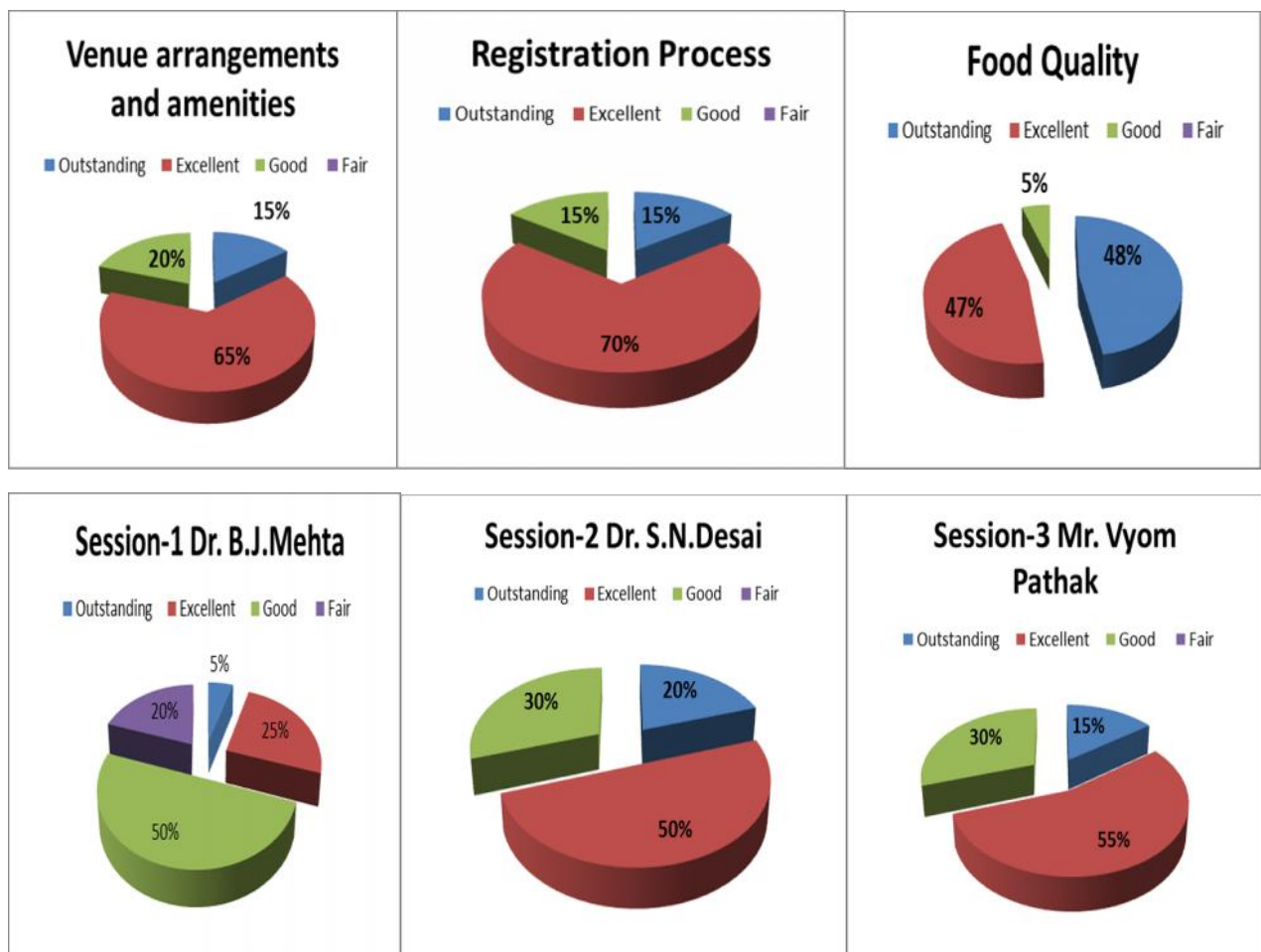
- **Prof. Vyom Pathak** had delivered lecture on “Soil Improvement Techniques - Tool for Optimal Foundation”. In his lecture he gave the presentation on classification of ground improvement techniques, principles of ground improvement techniques, method of soil improvements, Factors affecting the selection of ground improvement technique, Foundation Options, Concept of Ground Improvement, different ground improvement methods and some case studies like chemical plant at Kutch, School Building, Noida (Vibro Compaction), Tall buildings on GI, Haryana.

DAY 2:

- **Dr. C.H. Solanki** had delivered lecture on “Geotechnical investigations for Structures”. In his lecture he gave the presentation on basic of soil mechanics and foundation engineering. He cover the different topic like soil investigation, sieve analysis, bore log method, pile foundation, different types of test on soil –Field test and laboratory test, different properties of soil.
- **Dr. Atul Desai** had delivered lecture on “Special Foundations and Earthquake Dynamics”. In his lecture he gave the presentation on different special foundations are to be used for the tall and high rise structures, Behaviour of structures during different types of earthquake waves passing throughout the structures, which are different computer software available in the market for analysis and design of tall, high rise structures, cable stayed bridge, cooling tower. He presented case studies of his consultancy work of Sachin near Surat, machine foundation near Surat, Structural damages in building and its reparation techniques. He gave the sound knowledge of analysis and design of structures for designing the structure earthquake resistant.

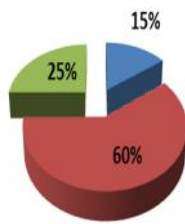
All the participants learned different topic on Geotechnical Investigation and Soil Structure Interaction. After Every Session discussion with expert speakers were carried out by the participants and they clear their quarry in their respective topic. At the end of two day workshop from the participants feedback was carried out and they enjoy the workshop and learn different new techniques for soil investigation and structural design. After the reviewing the feedback form the participants gave their opinion about Venue, amenities, registration process and food quality was very good. Finally after the feedback certificate distribution is carried out. Participants received the attended certificate from Dr. N.C. Shah, Mr. Kamlesh Gandhi.

Feedback Analysis:-



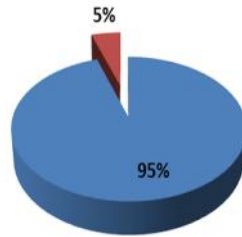
Session-4 Dr. C.H.Solanki

■ Outstanding ■ Excellent ■ Good ■ Fair



Session-5 Dr. A.K.Desai

■ Outstanding ■ Excellent ■ Good ■ Fair



Overall experience

■ Outstanding ■ Excellent ■ Good ■ Fair

