

Subharti Institute of Technology and Engineering Swami Vivekanand Subharti University, Meerut (Approved by AICTE)

Ph.: 0121-2439157, Ext. 2222, 2221, Fax: 0121-2439108

Subhartipuram, NH-58 Delhi-Haridwar Bypass Road, Meerut-250005 (U.P.)

E-mail:principal.site@gmail.com,principal.engg@gmail.com, Website: www.subharti.org



VALUE ADDED COURSES

SESSION: 2017-18

COURSE NAME: GROUND IMPROVEMENT TECHNIQUES

COURSE CODE: ET-VA-04

1. BROCHURE

At the end

- An understanding about types of ground improvement techniques. Knowledge about various types of grouts and their applications.
- Knowledge about types of chemical stabilization and their construction method.
- Knowledge about Compaction of soil.
- Understanding about various methods of dewatering of soil.



COURSE OBJECTIVE

- · To identify the problematic soil and suitable suggest remedial measures
- to improve their behaviour. fundamental knowledge of Ground
- Improvement Techniques. To make capable of choosing and
- designing the appropriate method of Ground Improvement according to site conditions and requirement.

Course Content

- Geotechnical Problems In Alluvial, Lateritic And Black Cotton Soils. Dewatering Techniques
- Insitu Densification Of Cohesion-Less Soils And Consolidation Of Cohesive Soils
- · Concept Of Reinforcement
- Types Of Reinforcement Material.

SUBHARTI INSTITUTE OF TECHNOLOGY AND ENGINEERING SWAMI VIVEKANAND SUBHARTI UNIVERSITY

Nat-58,Delhi-Haridwar Bypass Road rtipuram, Meerut, Uttar Pradesh, 250005



VALUE ADDED COURSE

GROUND IMPROVEMENT TECHNIQUES Organized By

Department of Civil Engineering 3rd October 2017-13th October 2017 REGISTRATION FORM

1. Name of Participant:_

2. Department:

3. Year & Sem:

4. Phone Number:

I undertake to abide by the rules and regualtions of the competiton imposed by the organizing Department and will participate with utmost discipline for the same.

Date:

Signature of Applicant







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2. REGISTRATION FORM:

REGISTRATION ELIGIBILITY

For all year students of CE

No registration fees.

HOW TO REGISTER

Interested participants should send their duly completed registration form through their respective Head of the Departments to Er. Rohit Pujara Asst. Prof. (E for registering their names as a participant in the "Ground Improvement Techniques" organized by Department of Givil Engineering STIE, SVSU, Meerut. The participants need to submit individualentry forms.

IMPORTANT DATES

Last date for receipt of application: 15th Sep. 2017
Last date for acceptance notification: 30th Sep 2017

VENUE

Room no 107, Ground floor Subharti Institue of Technology and Engineering, 5VSU, Meerut

PATRONS

Dr. Bikas Prasad, Principal, SITE

CONVENER

Er. R.K.Sharma, HOD, CE

COORDINATOR

Er. Rohit Pujara, Asst Prof(CE), SITE Mob. -8395045558 Enoil : rohitpujara.113@ymail.com VALUE ADDED COURSE ON GROUND IMPROVEMENT TECHNIQUES

3rd Oct. 2017-13th October 2017

Organized by: Department of Civil Engineering, Subharti Institute of Technology and Engineering



SWAMI VIVEKANAND SUBHARTI UNIVERSITY MEERUT



Registrar Swami Vivekanan: Subharti University MEERUT



Subharti Institute of Technology & Engineering SWAMI VIVEKANAND SUBHARTIUNIVERSITY

(Approved by AICTE)

(Approved by ALCTE)

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E-mail: principle.site@gmail.com, principal.engg@gmail.com, Website: www. subharti.org

Ref: SITE/CE/DA/VA/2017/I (b)

Dated: 28/08/2017

OFFICE OF THE HOD [Department of Civil Engineering]

Notice

All the B.Tech (CE) -IV year students are hereby informed that a value added courses named Ground Improvement is going to schedule since 3 rd October – 13th October, 2017. Therefore, you are informed to complete the registration process till 15/Sept/2017 to the course coordinator. The course coordinator is appointed as Mr. Rohit Pujara, Assistant Professor, civil engineering department.

(Er. R.K.Sharma)

HOD,CE

Swami Vivekanand Subhartl University MEERUT

Lesson Plan for the Value added course started W.e.f. 03/10/2017 to 13/10/2017

Name of Institute: SITE

Name of Faculty with Designation: Rohit Puzara/ Assistant Professor Department: Civil Engineering/ Ground Improvement Techniques

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				October				ent: Civil Eng Month
-				CE 7th Sem		1		Class Ground
	Injection Methods. Stabilization With Cement. Stabilization With lime Chemical Stabilization Of Expansive Soil.	Types Of Grouts Grouting Equipments And Machinery	Concept Of Reinforcement Types Of Reinforcement Material Applications of Various materials used in Reinforcement of soil.	Dewatering Techniques in detail Dewatering Techniques in detail Insitu Densification Of Cohesion-Less Soils Consolidation and Compaction Of Cohesive Soils	Methods Of Ground Improvement. Geotechnical Problems In Alluvial, Geotechnical Problems In Lateritic And Black Cotton Soils. Dewatering Techniques classification	Methods Of Ground Improvement. Methods Of Ground Improvement. Methods Of Ground Improvement.	Classification Of Ground Modification	Sr. no Month Class Topic/Chapter covered Sr. no Month Class Topic/Chapter covered

Swami Vivekanana Subharti University MEERUT

(Signature of Teacher concerned with date)

VALUE ADDED COURSE REPORT

- 1. Title Of value added: Ground Improvement technique
- Date and Place of value added course held: The value added course is held between 03/10/2017 to 13/10/2017 at Subharti institute of technology and engineering.
- 3. Name of college/Department: The value added course is provided by civil engineering department of Subharti institute of technology and engineering.
- 4. No. of Students attended :40
- 5. Summary of value added curse: The objective of this value added course is to enhance the knowledge of the students about the soil. By doing this value added course students can identify the problematic soil and suitable suggest remedial measure to improve their behavior. They can choose the appropriate method of ground improvement according to site condition and requirement. The expected outcome of this value added course is:
- a) Student know about the various types of grouts and their applications
- b) They can understand how they can compact the soil and its uses.
- c) They can understand dewatering technique of the soil.
- d) Utilization of different chemicals for ground stabilization.

Registrar Swami Vivekanana Subharti University MEERUT



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VALUE ADDED COURSES SESSION: 2017-18

COURSE NAME: GROUND IMPROVEMENT TECHNIQUES COURSE CODE: ET-VA-04

LIST OF STUDENTS:

S. NO.	ENROLLMENT NO.	STUDENT NAME
1	1701018801504	SHABNUM SHABIR
2	1701008802583	DAUD CHAUHAN
3	1601010000219	ASHISH NATH TRIPATHI
4	1601010000272	MEESUM ABBAS
5	1601010000369	SHUBHAM KUMAR MOGHA
6	1601010000227	AVINO K YEPTHO
7	1701000001921	VISHESH MALIK
8	1601010000210	ANKIT SAINI
9	1701018801503	MURSALEEN GUL
10	1601010000187	ABHISHEK
11	1601010000234	DHIRENDRA
12	1601010000202	AMIT YADAV
13	1601010000309	PARWEJ ALAM
14	1601010000353	SAURABH KUMAR SINGH
15	1601010000381	SUSHANT KUMAR
16	1601010000223	ASHUTOSH KUMAR MISHRA
17	1601010000293	NAMGAY WANGCHUK
18	9917010002239	SHIVAM SHRIVASAVA
19	1601010000387	VANLALRUATFELA
20	1601010000290	MUNISH KUMAR
21	1601010001252	SAKIB AHMAD WANI
22	1601010000186	ABDUL QUADIR
23	1701000002765	BIMAL RAI
24	1701010000211	MASOOD FAROOQ WANI
25	1701010000212	ZUBAIR AMIN
26	1701010001353	ANKUR RAJ
27	1701010001355	ANURAG MOHAN
28	1701010001357	KAJAL PASWAN
29	1701010001358	LANGA TSHERING



Registrar Swami Vivekanand Subharti University MEERUT



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30	1701010001359	MELENO SAKHRIE
31	1701010001360	MOHD. HUSSAIN ALAIE
32	1701010001361	NARAH WELLY
33	1701010001362	NISHANT WASWAN
34	1701010001363	SACHIN MISHRA
35	1701010001364	SHAZ ALAM
36	1701010001365	THEJANGULIE KHARUTSO
37	1701010001461	NIRAJ GOND
38	1701010001462	SANDEEP KUMAR
39	1701010001607	RAVI KUMAR
40	1701000002765	BIMAL RAI





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Where Education is a Passion ...

SUBHARTI INSTITUTE OF TECHNOLOGY AND ENGINEERING

CERTIFICATE

This is to certify that Mr./Ms.—NAVEEN RAJ of Civil Engineering Department has successfully completed the Value-added course on "GROUND IMPROVEMENT TECHNIQUES" held at Subharti Institute of Technology and Engineering, Swami Viyekanand Subharti University, Meerut dated 03 rd to 13 th October, 2017.

(Er R.K. Sharma) HOD,CE,SITE (Er. Rohit Pujara) Asst. Professor (CE) Course Coordinator









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This is to certify that Mr./Ms.— NAGENDRA PAL of Civil Engineering Department has successfully completed the Value-added course on "GROUND IMPROVEMENT TECHNIQUES" held at Subharti Institute of Technology and Engineering, Swami Viyekanand Subharti University, Meerut dated 03 rd to 13 th October, 2017.

(Er R.K. Sharma) HOD,CE,SITE (Er. Rohit Pujara) Asst. Professor (CE) Course Coordinator



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Meerut dated 03 rd to13 th October, 2017.

(Er R.K. Sharma) HOD,CE,SITE

(Er Rohit Pujara) Asst. Professor (CE) Course Coordinator





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Er R.K. Sharma) HOD,CE,SITE (Er. Rohit Pujara) Asst. Professor (CE) Course Coordinator