



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

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

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

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

<p>At the end</p> <ul style="list-style-type: none">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.	 <p>COURSE OBJECTIVE</p> <ul style="list-style-type: none">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. <p>Course Content</p> <ul style="list-style-type: none">Geotechnical Problems In Alluvial, Lateritic And Black Cotton Soils.Dewatering TechniquesInsitu Densification Of Cohesion-Less Soils And Consolidation Of Cohesive Soils<ul style="list-style-type: none">Concept Of ReinforcementTypes Of Reinforcement Material.	<p>SUBHARTI INSTITUTE OF TECHNOLOGY AND ENGINEERING, SWAMI VIVEKANAND SUBHARTI UNIVERSITY NH-58, Delhi-Haridwar Bypass Road Subhartipuram, Meerut, Uttar Pradesh, 250005</p> <p>VALUE ADDED COURSE ON GROUND IMPROVEMENT TECHNIQUES Organized By Department of Civil Engineering 3rd October 2017-13th October 2017</p> <p>REGISTRATION FORM</p> <p>1. Name of Participant: _____</p> <p>2. Department: _____</p> <p>3. Year & Sem: _____</p> <p>4. Phone Number: _____</p> <p>I undertake to abide by the rules and regulations of the competition imposed by the organizing Department and will participate with utmost discipline for the same.</p> <p>Date: _____ Signature of Applicant _____</p>
--	---	--





Registrar
Swami Vivekanand
Subharti University
MEERUT




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

Subhartipuram, NH-58 Delhi-Haridwar Bypass Road, Meerut-250005 (U.P.)
Ph.: 0121-2439157, Ext. 2222, 2221, Fax: 0121-2439108

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



2. REGISTRATION FORM:

<p>REGISTRATION ELIGIBILITY</p> <p>For all year students of CE</p> <p>No registration fees.</p> <p>HOW TO REGISTER</p> <p>Interested participants should send their duly completed registration form through their respective Head of the Departments to Er. Rohit Pujara, Asst. Prof., CE for registering their names as a participant in the "Ground Improvement Techniques" organized by Department of Civil Engineering, SITE, SVSU, Meerut. The participants need to submit individual entry forms.</p> <p>IMPORTANT DATES</p> <p>Last date for receipt of application: 15th Sep, 2017 Last date for acceptance notification: 30th Sep 2017</p> <p>VENUE</p> <p>Room no 107, Ground floor Subharti Institute of Technology and Engineering, SVSU, Meerut</p>	<p>PATRONS</p> <p>Dr. Bikas Prasad, Principal, SITE</p> <p>CONVENER</p> <p>Er. R.K. Sharma, HOD, CE</p> <p>COORDINATOR</p> <p>Er. Rohit Pujara, Asst Prof(CE), SITE Mob: -8395045558 Email: rohitsuja113@gmail.com</p>	<p>VALUE ADDED COURSE ON GROUND IMPROVEMENT TECHNIQUES</p> <p>3rd Oct. 2017-13th October 2017</p> <p>Organized by: Department of Civil Engineering, Subharti Institute of Technology and Engineering</p>  <p>SWAMI VIVEKANAND SUBHARTI UNIVERSITY MEERUT</p>
---	---	--

M. K. Mishra



[Handwritten Signature]

Registrar
Swami Vivekanand
Subharti University,
MEERUT



Subharti Institute of Technology & Engineering
SWAMI VIVEKANAND SUBHARTI UNIVERSITY

(Approved by AICTE)

Subhartipuram, NH-58 Delhi-Haridwar Bypass Road, Meerut -250 005

Ph.: 0121-2439157, Ext. 2222, 2221, Fax: 0121- 24390108

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 3rd 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

Registrar
Swami Vivekanand
Subharti 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

Sr. no	Month	Class	Topic/Chapter covered
1	October	CE 7th Sem	Classification Of Ground Modification Techniques.
2			Methods Of Ground Improvement.
3			Methods Of Ground Improvement.
4			Methods Of Ground Improvement.
5			Methods Of Ground Improvement.
6			Geotechnical Problems In Alluvial, Geotechnical Problems In Lateritic And Black Cotton Soils.
7			Geotechnical Problems In Lateritic And Black Cotton Soils.
8			Dewatering Techniques classification
9			Dewatering Techniques in detail
10			Dewatering Techniques in detail
11			Insitu Densification Of Cohesion-Less Soils
12			Consolidation and Compaction Of Cohesive Soils
13			Concept Of Reinforcement
14			Types Of Reinforcement Material
15			Applications of Various materials used in Reinforcement of soil.
16			Types Of Grouts
17			Grouting Equipments And Machinery
18			Injection Methods.
19			Stabilization With Cement.
20			Stabilization With lime
21			Chemical Stabilization Of Expansive Soil.

Registrar
Swami Vivekanand
Subharti University
MEERUT

(Signature of Teacher concerned with date)

VALUE ADDED COURSE REPORT

1. **Title Of value added:** Ground Improvement technique
2. **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 course:** 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 Vivekananda
Subharti University
MEERUT



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

Subhartipuram, NH-58 Delhi-Haridwar Bypass Road, Meerut-250005 (U.P.)
Ph.: 0121-2439157, Ext. 2222, 2221, Fax: 0121-2439108
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

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 YEPHTO
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



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





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

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

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

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


Registrar
Swami Vivekanand
Subharti University
MEERUT



SWAMI VIVEKANAND
SUBHARTI
UNIVERSITY
Meerut
UGC Approved




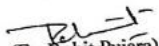
Where Education is a Passion ...

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 Vivekanand Subharti University, Meerut dated 03rd to 13th October, 2017.


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


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


Registrar
Swami Vivekanand
Subharti University
MEERUT



SWAMI VIVEKANAND
SUBHARTI
UNIVERSITY
Meerut
UGC Approved





Where Education is a Passion ...

SUBHARTI INSTITUTE OF TECHNOLOGY AND ENGINEERING

CERTIFICATE

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 Vivekanand Subharti University, Meerut dated 03rd to 13th October, 2017.


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


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



SWAMI VIVEKANAND
SUBHARTI
 UNIVERSITY
 UGC Approved Meerut



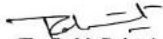
Where Education is a Passion ...

SUBHARTI INSTITUTE OF TECHNOLOGY AND ENGINEERING

CERTIFICATE

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


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


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


 Registrar
 Swami Vivekanand
 Subharti University
 MEERUT



SWAMI VIVEKANAND
SUBHARTI
 UNIVERSITY
 UGC Approved Meerut




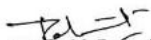
Where Education is a Passion ...

SUBHARTI INSTITUTE OF TECHNOLOGY AND ENGINEERING

CERTIFICATE

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


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


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