One Week Teachers Training Program (TTP-2021)
(ONLINE MODE)

On

"GEOTECHNICAL INVESTIGATIONS IN CIVIL ENGINEERING"

Date: 26th APRIL- 30th APRIL 2021

Host Institution

VISHWAVIDYALAYA ENGINEERING COLLEGE, LAKHNAPUR, AMBIKAPUR – C.G
(Department of Civil Engineering)

PROGRAM OBJECTIVE:

This one week online Teachers Training Program (TTP) focuses on a role and importance of geotechnical investigation in field of Civil Engineering. This TTP provides the information about various methods to obtain the data about the soils. To impart practical perspectives of Geotechnical Engineering ,it will enable Geotechnical Engineers to give techno-economically feasible and sustainable practical solutions to complex geotechnical problems in infrastructure development projects. This TTP provides an unique combination to Faculty paternity to explore these areas in detail and have hands on with some technologies like geophysical exploration etc.

PROGRAM OUTCOME:

This one week online Teachers Training Program (TTP) focuses on a role and importance of geotechnical investigation in field of civil engineering. It will cover various areas of geotechnical engineering like Importance of Reliability in geotechnical engineering and modern methods to achieve, Investigation approach and tools for Geohazard mitigation works, methods of geophysical exploration, methods of soil sampling, Purpose and Scope site exploration, Planning of Subsurface Investigation, Reconnaissance study of subsoil investigation, Increase the ability to undertake research projects in various fields of civil engineering using software and experimental techniques, use of modern technology in the field of geotechnical engineering etc.

CHIEF PATRON: Prof. M. K. Verma, Hon'ble Vice Chancellor, CSVTU Bhilai , C.G
DIRECTOR (FDC): Col. B Venkat, AICTE, New Delhi
PATRON: Dr. K. K. Verma, Registrar, CSVTU Bhilai, C.G.
COORDINATOR, CSVTU (AICTE-FDP): Dr. R.N Khare, Principal, VEC Lakhanpur CG

Following Renowned Experts will share their knowledge with participants:

S.No.	Name of Invited Speaker	Designation	Address
1.	Prof. M. K. Verma	Vice Chancellor	CSVTU Bhilai
2.	Prof. M. R. Madhira	Emeritus Professor	JNTU Hyderabad
3.	Er. A. Gharpure	MD, GENSTRU	Pune
4.	Prof. D. Murthy	Professor	IIT Bombay
5.	Dr. K. S. Rao	Professor	IIT Delhi
6.	Dr. D. K. Baidya	Professor	IIT Kharagpur
7.	Prof. M. Rama Rao	Professor	RVR & JC College of Engineering, Guntur
8.	Dr. G D Ramtekkar	Professor	NIT Raipur
9.	Dr. Neelima B	Professor	IIT Indore
10.	Dr. R. P. Tiwari	Professor	GEC Rewa
11.	Prof. N. K. Samadhiya	Professor	IIT Roorkee
12.	Prof. P. K. Garg	Professor	IIT Roorkee
13.	Er A. Singhai	GM ,JK Cement Ltd	Indore
14	Dr D Kishan	Professor	MANIT Bhopal

WHO CAN PARTICIPATE?

Faculty from AICTE approved institutions across the country of relevant disciplines. Priority will be given to faculty from CSVTU affiliated institutions. Batch Size is limited to maximum 100 participants.

ELIGIBLE DISCIPLINES:

Geotechnical Engineering, Structural Engineering, Transportation Engineering, Water Resource Engineering, Environmental, Construction Engineering and relevant engineering branches.

PROGRAM SUB-THEMES:
  i. Characterization of Soils
  ii. Importance of Reliability in Geotechnical Engineering
  iii. Investigation Approach and tools for Geohazard mitigation works
  iv. Ground Improvement Techniques
  v. Physical Modelling, Numerical Modelling
  vi. Expansive Soils
  vii. Deep Excavations and Tunneling
  viii. Offshore Geotechnics
  ix. Environmental Geo-technology
  x. Transportation Geotechnics
  xi. Slope Stability
  xii. Forensic Geotechnics
  xiii. Case Studies in Geotechnical Engineering

REGISTRATION: (No Registration Fees & Participation on First Come First Serve)

Register on below link

https://docs.google.com/forms/d/e/1FAIpQLSf-4O9Px4MxtzQOJLWnOipi3-mgSDkyW7KpHJFOdSpoBCuMcw/viewform?usp=pp_url

Last date of Registration: 25th April 2021, Sunday at 12PM

CERTIFICATION:

Certificates will be issued subject to the participants qualifying the following conditions:
   a) Minimum 80% attendance.
   b) Minimum 60% marks in the exam conducted on last day of the program.

ABOUT THE HOST UNIVERSITY (CSVTU):

Chhattisgarh Swami Vivekanand Technical University (CSVTU) was established by an act (No. 25 of 2004) of legislature passed by the Chhattisgarh State Govt. Assembly vide notification no. 639/21-A/Praroopan/04 dt 21st January 2005 to incorporate a University and Technology for the purpose of ensuring systematic, efficient and quality education in engineering and technological subjects including Architecture and Pharmacy at Research, Post graduate, Degree and Diploma level.

The University since its inception in the year 2005 is striving hard to emerge as one of the nations prominent Universities to fulfill its commitment to the service of state and nation. It was inaugurated on 30th April 2005 by the Hon'ble Prime-Minister of India Dr. Manmohan Singh**.** The University without waiting for full fledged infrastructure development started identifying the frontier area of research and development and outreach programmes for the benefit of the society. With this approach several academic programmes, seminars, workshops and conferences have been conducted by the University during past 5 years.

In order to improve the standards of the education and enable the students to acquire the knowledge and skills required in the professional world the scheme of teaching, learning and syllabus was designed and implemented by way of brainstorming session, taskforce, group working and workshops on Redefining the Technical Education. The efforts have been widely appreciated and the University has earned distinction of introducing soft skills as a part of the curriculum. The courses include communication skills, group discussion, human values education, health hygiene and yoga, personality development, entrepreneurship and project based learning.

Bhilai Township considered being one of the most eminent education hubs in India. The formalities of acquisition of land have been completed and construction of the University building and related facilities are in progress. The construction of University Administrative building is complete.

Presently there are 44 Engineering Colleges, 1 Architecture Institution, 40 Polytechnics and 11 Pharmacy colleges affiliated to the University.

University has introduced digitalized evaluation system over the last few years that has brought in a sea-change in the publication of result precisely ahead of the schedule, thereby increasing substantially the available time for teaching and interaction with the students.

Owing to the different reformative measures adopted by the university, **WORLD MANAGEMENT CONGRESS**, Higher Education and Development Summit, conferred **"EMERGING TECHNOLOGICAL UNIVERSITY OF THE YEAR AWARD"** on 30th Dec 2011 during the global meet held at world Management Congress New Delhi. The Chief Minister, Chhattisgarh has expressed his happiness – which in fact has added another new dimension to the enhancement of visibility of the University in the current challenging scenario of upgrading educational standards.

ABOUT THE HOST INSTITUTE (VEC Lakhanpur):

Vishwavidyalaya Engineering College Lakhanpur-Ambikapur, Surguja CG, A Constituent college of **Chhattisgarh Swami Vivekanand Technical University Bhilai** was established in the year 2010 in the name of Govt Engineering College Ambikapur by Department of Technical Education, Govt of Chhattisgarh and within a short span of about 10 years it has risen to the position of being a prestigious Engineering College in the Chhattisgarh State. Our students are well known for their discipline and ethical standards which help them show good performance in academics and obtain the best placements. I am sure that this has been made possible due to the excellent co-ordination among the governing body, the staff, the students and their parents. The infrastructure of our college is in a continuous process of up gradation and it could be felt when one enters into the campus. The College has B.Tech in 5 branches i.e. Civil Engineering, Mechanical Engineering, Electrical Engineering, Computer Science Engineering & Mining Engineering and M.Tech in 4 Core branches (CE,ME,CSE,EE). The College is funded by CSR & DMF Collector Surguja along with funded by World-Bank (MHRD) TEQIP-III and is recognized by AICTE.

The college encourages the students to participate in co-curricular activities like sports, intercollegiate competitions, project exhibitions, industrial visits, etc. in a balanced manner. The faculty members are also provided support to participate in training programmes, conferences, pursue higher studies, etc. to upgrade themselves in their profession. I am sure that our students will continue their stellar performance during the course and afterwards, and also extend their interest in pursuing post graduate and research studies. We intend to generate greater interaction with the Industry in student projects, workshops and seminars. We are also now focusing on building a strong Alumni Association who, we believe that, are the ambassadors of this Institute and could contribute significantly to its growth from various dimensions. It is our pleasure to receive your feedbacks, suggestions and your co-operation for further development of this Institute.

PROGRAM CO-ORDINATOR

Dr. R. N. Khare, PRINCIPAL, VEC LAKHANPUR-AMBIKAPUR SURGUJA CG,

Mobile No. 8839559823, 9406012524 (Whatsapp) Email: rn_khare@rediffmail.com

PROGRAM CO-COORDINATOR
V .K. Shukla, Assistant Professor, Department of Civil Engineering, VEC Lakhanpur
Mobile No: 7000671512, Email:vijaykumarshukla06@gmail.com