



Center for Professional Development presents

ONE DAY SEMINAR ON

SUSTAINABLE GEOTECHNICS

(SGTech-2020)

SPONSORED BY GUJCOST & DST

29th February 2020

Sponsored by



Gujarat Council on
Science & Technology



Department of Science & Technology
Government of Gujarat

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ABOUT RAJKOT

Rajkot is the center of the western Gujarat. It is the hub of the small scale industries. It is the fourth largest city in the state of Gujarat, India, after Ahmedabad, Surat, and Vadodara. Rajkot is the 22th-largest urban agglomeration in India, with a population more than 1.5 million as of 2012.

ABOUT ORGANIZING UNIVERSITY

RK University is a State Private University established and approved by Govt. of Gujarat under Private University Act, 2009 and recognized by University Grants Commission (UGC), under Section 22 of UGC Act, 1956. RK Group of Colleges was established in the year 2005 which grew rapidly, horizontally as well as vertically and was honored with the Private University status in 2011, which was first in Saurashtra Region. Currently RK University offers 50+ programs in Engineering, Management, Pharmacy, Physiotherapy, and Applied Science & Computer Applications: from Diploma to Doctoral level, with over 5000 students & 450+ staff members. We believe that RKU is a place where "Change" happens. Our faculties constantly change their pedagogies and instructional approaches to match industry requirements and student needs. RK University is ranked 4th across the nation in Swachh Campus Ranking 2018 by MHRD, Government of India. The only state private university accredited by NAAC-UGC in western Gujarat region.

ABOUT DEPARTMENT

The Department offers UG&PG courses in civil engineering. The department has well equipped laboratories attached to different divisions for conducting teaching and research. The aim of department is to prepare graduates with knowledge and technical information refined with professional touch and to make them capable of undertaking civil engineering jobs to meet the challenges of 21st century. The department has highly qualified faculty members engaged in teaching and research with the aim of achieving excellence in various fields. The department also offers two PG programs, M. Tech in Structural Engineering and Construction Technology under full time category.

ABOUT THE SEMINAR

The seminar is related to Geotechnical Engineering. Sustainability is undoubtedly the biggest challenge facing engineering in the 21st century. Natural resources are fast depleting, traditional energy production methods are becoming too expensive. Geotechnical engineers need to demonstrate their capacity to make geotechnical practice sustainable and their ability to deliver developments which satisfy all three elements of sustainability: environmental conservation, social betterment and economic improvement. This seminar create a community of individuals who can drive innovations in the field of Geotechnical Engineering and meet the challenging requirements in the field analysis.

SCHEDULE OF THE SEMINAR

DATE	29 TH FEBRUARY 2020
8.30AM-9:30AM	Breakfast/Registration
9.30AM - 11.30Am	Inauguration & Key Note Session / Technical Session-I
11.30AM- 1.00PM	Technical Session-II
1.00PM - 2.15PM	Lunch
2.15PM - 4.00PM	Technical Session-III
4.00PM - 4.15PM	Tea
4.15PM-4.30PM	valedictory

COURSE CONTENT

- Sustainable Development with Geotechnical Practices.
- Geosynthetics for Sustainable Infrastructure
- Combined loading behaviour of piles and its field applications.

ELIGIBILITY

This seminar is open to Diploma, undergraduate, postgraduate students, Research Scholars, faculties of different institutes & Industry Personal.

ABOUT THE SCHOOL

School of Engineering is one of the premier engineering institutes in the Saurashtra region. The school envisages a world class education system that assures quality and empowers the students to be the global leaders of tomorrow. The school strives to bring excellence in teaching-learning process through continuous evaluation and trainings in educational pedagogy. School of Engineering is the cynosure of all the visitors with its modern infrastructure and lavish green campus. It offers 7 undergraduate and 8 postgraduate full time courses.

KEYNOTE SPEAKER

Prof. M R Madhav

Prof. Madhav's research interests span the whole gamut of Geotechnical Engineering. He has guided more than 45 doctoral and several master's theses and final year projects. He co-edited books entitled 'Lowlands - Development and Management' and 'Foundations and Soft Ground Engineering Challenges in Mekong Delta', and authored more than 500 publications in refereed international and national journals and conferences. Prof. Madhav has received various prestigious awards such as Keucklemann Award of the IGS, the Prof. Mehra Research Award of the University of Roorkee, Pundit Jawaharlal Nehru Birth Centenary Research Award of CBIP, the Doctor of Science degree of the Indian Institute of Science, the Bharat Ratna M Visweswaraya Award, the Gopal Ranjan Research Award of IIT, Roorkee, IGS - M S Jain award, Distinguished Alumnus Award of the Indian Institute of Science.

ADDRESS FOR CORRESPONDENCE

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Prof. R K Shashanth

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ONLINE REGISTRATION

Delegates/Teaching Staff/Research
Scholars/Industry Personal: 500/- INR
Student participants
(Diploma, UG & PG): 300/- INR.

Online registration can be done through
[https:// www.rku.ac.in/SGTECH](https://www.rku.ac.in/SGTECH)
Paytm Link: m.p-y.tm/rku_sgtech_sms



Registration can be also done through
account: School of Engineering, RK University
Account no - 9511633516 | IFSC: KKBK0002791
After completion of online registration, send Email with
payment slip to rk.shashanth@rku.ac.in

OFFLINE REGISTRATION

The payment can be made in cash before 24/02/2020.
For offline payment contact Prof. R K Shashanth at RKU
campus.

Registration fee includes participation in Seminar,
course material, Breakfast, Lunch and Tea. Registration
will be limited for 100 participants only.

The last date for Registration is 24/02/2020.
Selected Participants will be informed through e-mail on
25/02/2020.

ACCOMMODATION

Accommodation for outside participants will be
provided on payment basis in the hostel or guest house
of RK University, Rajkot.
Approximate charges for accommodation is per day per
person.

RKU HOSTEL - ₹100 (Sharing), ₹300 (Non Sharing)

RKU GUEST HOUSE-NON AC
₹400 (Sharing), ₹700 (Non-Sharing)

RKU GUEST HOUSE-Air-conditioned -
₹500 (Sharing) - ₹1000 (Non Sharing).

Students Chapter



Indian Society for
Technical Education



Institution of Engineers
(India)

CHIEF PATRON

Mr. Denish Patel

Executive Vice President, RK University

PATRON

Dr. Nilesh B. Kalani

Professor & Director,
School of Engineering, RK University

CONVENER

Prof. Pradeep Kumar Pandey

Assistance Professor & Head
Department of Civil Engineering,
School of Engineering, RK University

CO-ORDINATOR

Prof. R K Shashanth

Assistant Professor,
Dept. of Civil Engineering,
School of Engineering, RKU

RESOURCE PERSONS

Prof. M R Madhav

PhD, D.Sc, FNAE,
Institute Fellow IIT Kanpur

Dr. K. V. Babu

PhD (IIT Bombay),
DGM, L&T (Larsen & Toubro), Vadodara

Mr. Himanshu Kotak

M.Tech (IIT Kanpur)
Founder and Director, C-Phi Consult Pvt. Ltd.

ADVISORY COMMITTEE

Dr. Gaurav Agarawal

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