

REGISTRATION DETAILS

Registration fees:

Rs. 90 /- For CVM participants,

Rs 100/- For others (including GST)

The fees include STTP e-material & e-Certificate.

Last date of registration:

March 15, 2021.

How to Register:

Register through below link:

<https://forms.gle/qK7yneWPykXpPHAv9>

Beneficiary Bank Account Details:

Corporation Bank Saving Account

Number - **520101020347533**,

IFSC: **CORP0000465**

Bank Name: Corporation Bank

Branch: Vallabh Vidyanagar

Branch Code: 0465

Advisory Committee:

Shri Manishbhai S Patel, Vice President, CVM

Dr. S G Patel, Hon. Secretary, CVM

Shri Mehul D Patel, Hon. Jt. Secretary, CVM

Shri B P Patel, Hon. Jt. Secretary, CVM

Shri R C Talati, Hon. Jt. Secretary, CVM

Shri V H Patel, Hon. Jt. Secretary, CVM

Dr. Himanshu B Soni, Principal, GCET

Convener:

Dr. Vipul R Shah

Dept. of Applied Science and Humanities

M: 9909612778

Email: vipulshah@gcet.ac.in

Co-conveners:

Dr. Foram M Joshi | Prof. Mukesh T Joshi

Dept. of Applied Science and Humanities

M: 9426885360 | M: 9428672532

foramshelat@gcet.ac.in

mukeshjoshi@gcet.ac.in

Organizing Committee:

Dr. Rajesh Sanghvi

Dr Krupal Parikh

Dr. Smita Joshi

Prof. Bijal Khamar

Dr. Bhavyata Patel

Dr. Heena Raj

Prof. Tejas Jani

Dr. Jayvirsinh Rajput

Dr. Amita Patel

CELEBRATING SILVER JUBILEE OF GCET



ONLINE SHORT TERM TRAINING

PROGRAMME ON

STATISTICAL ANALYSIS USING R

PROGRAMMING

Organized by

Department of Applied Science and

Humanities,

G H Patel College of Engineering &

Technology (GCET),

Vallabh Vidyanagar – 388 120

March 22-26, 2021

CHIEF PATRON

ER. BHIKHUBHAI B PATEL

PRESIDENT, CVM UNIVERSITY

Supported by



ABOUT CVMU

Charutar Vidya Mandal University has been established under state private University act, since 2019 and registered under UGC. It is a new milestone of Charutar Vidya Mandal (CVM). Charutar Vidya Mandal was established in the year 1945 with a prime objective of rural development through education. The uniqueness of this management lies in its ability to use quality education as a powerful means of social transformation. Presently CVM Manages 49 educational institutions from schools to colleges and sophisticated research institutes.

ABOUT GCET

G H Patel College of Engineering & Technology is a leading self-finance college located in Vallabh Vidyanagar. Currently GCET is running eight undergraduate programs and nine post graduate programs. The primary focus of our institute is to provide teaching and learning at par with higher seats of learning institutes like IITs. Our endeavor is to create an institute that will provide a space for free and uninhibited thinking, a space where faculty and students can experiment with novel ideas.

According to the latest Times Engineering survey, GCET ranks 2nd position in top self-finance colleges of Gujarat and 59th in the country.

GCET was affiliated to Sardar Patel University from the year 1996 to 2008 later on from the year 2008, Institute was affiliated to Gujarat Technological University. Now it is affiliated to Charutar Vidya Mandal University (CVMU) from new academic year 2020-21.

ABOUT DEPARTMENT

Applied Science and Humanities Department caters needs and demands of the institute at various level of B.E. and M.E. by providing training in Mathematics, Physics, Communication Skills and Physical education. The department plays a pivotal role in being the cornerstone of college's vision of providing students holistic development. The department works with the mission to explain quantification, modeling by understating concept of Mathematics and to explore the concepts of physics applied to various branches of Engineering. Department also enlightens the students towards the importance of communication.

ABOUT THE STTP

Online Short-Term Training Programme on Statistical Analysis using R Programming focuses on the training of a faculty and PG students pull in the state of Gujarat. **R** is an open-source language. It is used in statistical applications involving data science and other allied fields. This workshop aims to cultivate the problem-solving ability of the participants using this wonderful tool.

Resource persons:

- 1) Dr. R. D. Chaudhari
Associate Professor,
Department of Statistics,
M G Science Institute, Ahmedabad-09
- 2) Dr. P. B. Shah
Associate Professor,
Department of Statistics,
H L College of Commerce, Ahmedabad-09

Content

- 1) Introduction to R programming and R- studio
- 2) Basics of Statistics
- 3) Parametric Tests Using R - Part I
- 4) Parametric Tests Using R - Part II
- 5) Analysis of Variance (ANOVA) Using R - Part I
- 6) Analysis of Variance (ANOVA) Using R - Part II
- 7) Non-parametric Hypothesis Testing Using R - Part I
- 8) Non-parametric Hypothesis Testing Using R - Part II
- 9) Simple Linear Regression Using R
- 10) Multiple Linear Regression Using R