## Registration Form

### One Week
### Short Term Training Programme on
### *Data Mining and Soft Computing: Tools and Techniques*
### 18th – 23rd December, 2017

Name: _____

Designation: _____

Department: _____

Organization: _____

Address: _____

_____

_____ Mobile No.: _____

Email id: _____

Educational Qualification: _____

Category:
- ☐ UG/PG Student  ☐ Research Scholar
- ☐ Faculty  ☐ Industry Person

Mode of Payment (DD/Cheque): _____

Registration Fees: _____

DD/Cheque No.: _____ Dated: _____

Issuing Bank: _____

I shall attend the training programme for entire duration.

**Signature**          **Signature and Seal**
(Participant)          (Institute Head)

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## Organizing Committee

### Chief Patron
Dr. C L Patel
*(Hon. Chairman, Charutar Vidya Mandal)*

### Patron
Dr. Himanshu Soni
*(Principal, GCET)*

### Convener
Dr. Nikhil Gondaliya
*(Head and Associate Professor, IT Department)*

### Co-Conveners
Prof. Nirav M Raja
Prof. Premkumar Balani
*(Assistant Professor, IT Department)*

### Committee Members

- Prof. Jaymit Pandya
- Prof. Jay Vala
- Prof. Miral Patel
- Prof. Vishal Prajapati
- Prof. Vinita Shah
- Prof. Yogesh Dangar
- Prof. Bhargesh Patel
- Prof. Rajvi Parikh
- Prof. Mittal Darji
- Prof. Deven Gol

## Resource Person

Experts from various premier institutes like NIT, Nirma University, DDIT and DAIICT and other reputed Institutes across the state.

## For Correspondence

Prof. Nirav M Raja
Mob: 99988 61156, Mail: niravraja@gcet.ac.in

Prof. Premkumar Balani
Mob: 9924216330, Mail: prembalani@gcet.ac.in

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**Gujarat Technological University**

**Charutar Vidya Mandal**

### Organizes

### One Week
### Short Term Training Programme on
### *Data Mining and Soft Computing: Tools and Techniques*
### 18th – 23rd December, 2017

**Technically supported by**
**Indian Society for Technical Education (ISTE)**



**in collaboration with**
**Department of Information Technology**

**G H Patel College of Engineering & Technology**
(A Charutar Vidya Mandal Institution)
Vallabh Vidyanagar – 388120, Gujarat, India
Tel.: (02692) 231651; Fax: (02692) 236896
Website: www.gcet.ac.in

## About The STTP

With the arrival of high speed internet connections and advancement in related technologies, we have observed the generation and transmission of large volumes of data over internet during the last decade. Over recent years, data mining and soft computing have established themselves as major disciplines in computer science with growing industrial impact. There is a requirement of new mining techniques which can address the unique challenges raised due to the volume, variability and velocity of such data.

This short term training program aims for bringing together the researchers, teaching fraternity, industry persons and post graduate students from across the state to exchange the innovative ideas face-to-face. This is first kind of event in the region and the sessions in the program will cover the various techniques, tools, applications, research problems and issues using Data Mining and Soft Computing.

## About The Management

Charutar Vidya Mandal (CVM), a registered charitable trust established in 1945. Since its inception the trust has been striving for the upliftment of rural society through education. Today CVM manages 49 educational institutes providing pre-primary to post-graduation in all fields of learning. CVM is always blessed with exemplary leadership qualities. It has been governed by stalwarts like former finance minister of India late shri H M Patel for about three decades and now by a great visionary and Charotar Ratna Dr C L Patel since 1994.

## About The Institute

Vallabh Vidyanagar, named after the late Sardar Vallabhbhai Patel -- the 'Iron Man of India' -- has over the last fifty years been developed into a well-known seat of learning. The educational township, established in 1946, today provides pre-primary to postgraduate education.

Shri Gordhanbhai Hathibhai Patel, an eminent philanthropist of Gujarat, made a generous donation of Rupees Three Crores for the new college. In honour of this magnanimous gesture, the college started functioning in 1996 and has been named G H Patel College of Engineering and Technology, popularly known as GCET.

## About The Department

GCET was the pioneer in India to appreciate the importance of Information Technology and established a four year bachelor degree program in 1996-97 with an intake of 60 students. Department has started M.E. (Information Technology) program under Gujarat Technological University (GTU) from the academic year 2011-12. The Undergraduate program in the Department of Information Technology has been accredited by National Board of Accreditation since July 2015 for two years. The Department has organized one National and Three International Conferences, many Expert Talks, Seminars, Workshops and Short Term Training Program (STTP).

## Who should attend?

B.E. / B.Tech. / M.E / M.Tech. Students / PhD Scholars, Faculty Member and Industry Person who wants to get exposure in these domains.

## Brief Course Content

- Introduction to Data Mining, various techniques and research directions.
- Data Mining Tools: RapidMiner, DBMiner, WEKA, Orange and others.
- R-Programming
- Introduction to Big Data Analytics, Frameworks and Hands on for Big Data.
- Artificial Neural Networks, Support Vector Machines, Machine Learning, Deep Learning and Bayesian Networks.
- Applications of Soft Computing techniques in various domains.

## Registration Details

**Important Dates:**

| Last date for Registration | 09th Dec, 2017 |
|---|---|
| Intimation to Participants | 11th Dec, 2017 |

**Registration Fees:**

| UG / PG Students | Rs. 800 |
|---|---|
| Faculty / Research Scholar | Rs. 1000 |
| Industry Person | Rs. 1500 |

The course fee includes Registration kit, High tea, Snacks, Lunch and Cerficate.

Registration fees will be accepted through DD/Cheque in favor of "G H Patel College of Engineering and Technology", payable at Vallabh Vidyanagar.

**Send Registration form with Cheque/DD to:**

Department of Information Technology,
G H Patel College of Engineering and Technology,
Bakrol Road, Vallabh Vidyanagar – 388120

**An applicant also has to fill up following form:**
https://goo.gl/forms/BT42oXKrHCCLKUzk1