

SMT. S.R. PATEL ENGINEERING COLLEGE

Smt. Sushilaben Rameshbhai Patel Charitable Trust (SRPEC) was established in the year 2008 for the purpose of carrying out various social services and establishing educational institutes to uplift the knowledge and skills of students to build their career.

The trust started an engineering college Smt. S. R. Patel Engineering College in the year 2009 at Dabhi, about 4 km away from Unjha and about 28 km away from Mehsana. The lush green campus is spread over in a 12 acre area. It blends beautifully with the green landscaping, varieties of flowers and trees and a vibrant pursuit of knowledge.

The spacious buildings, well equipped laboratories and a pool of qualified and experienced staff members show the dedication of the trust towards society. The trust is involved in large numbers of social activities in North Gujarat region.

OBJECTIVES OF THE PROGRAM

STTP's prime objective is to provide a common platform to all engineering researchers, post graduates, academicians, and field engineers to learn basics and detailed knowledge of Modern Computing Techniques such as SPSS, AHP, ANN, Fuzzy Logic to resolve engineering and optimization problems.

It is a common knowledge gaining program to gain and increase the basic of research methodology and quantitative analysis in engineering in which experts will elaborate and explain the course content in details. Separate hands-on-practice-session on each prescribed soft computing techniques will be demonstrated and performed.

CHIEF PATRON

Mr. Rameshbhai Patel, Trustee, SRPEC, Dabhi

PATRON

Mr. Kalpeshbhai R. Patel, Executive Director, SRPEC, Dabhi

CONVENER

Dr. Ami. H. Shah, Principal, SRPEC, Dabhi

STTP COORDINATOR

Prof. Vineet Jain, Asst. Prof., Civil Engineering Department, SRPEC, Dabhi

Prof. Utkarsh Nigam, Asst. Prof., Civil Engineering Department, SRPEC, Dabhi

EMINENT SPEAKERS

Dr. Krishna Prasad, Professor, IIT Gandhinagar

Dr. G. J. Joshi, Professor, SVNIT Surat

Dr. Ranjan Kumar Jana, Professor, SVNIT Surat

Dr. T.M.V. Suryanarayana, MSU Vadodara

Dr. Yash Vasavada, Prof., DAIICT Gandhinagar

SPONSORSHIP

5 Days STTP on "Advanced Engineering Optimization using Modern Computing Techniques" at Smt. S. R. Patel Engineering College, Dabhi, Unjha is being sponsored by GUJCOST, Ahmedabad.

HOST AND ORGANISOR

Smt. S. R. Patel Engineering College, Dabhi, Unjha, Mehsana, North Gujarat.

Website: www.srpec.org.in, Email: info@srpec.org



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Organizing a

5 Days Short Term Training Program on "Advanced Engineering Optimization through Modern Computing Techniques" at Smt. S.R. Patel Engineering College, Dabhi, Unjha sponsored by GUJCOST, Gandhinagar.

5th - 9th December, 2016

Venue

Smt. S. R. Patel Engineering College, Dabhi

Website: www.srpec.org.in

Tel: 02767-272009/11/12

Fax: 02767-272617

OUTLINE OF THE CONTENTS

- Objective and Description of various Modern Computing Techniques with quantitative analysis. Identification of opportunities for researchers/Academicians/Professionals.
- Importance of Soft-computing tools in various engineering disciplines.
- SPSS is Statistical Package for social sciences. It is a software package used by researchers, survey companies, marketing organizers and data miners. It includes descriptive statistics, cross tabulation, frequencies, Bi-variant statistics, and prediction for normal outcomes.
- AHP is analytical hierarchy process, structural technique for organizing and analyzing complex decisions based on mathematics and psychology. It has been widely used and refined, has particular application in group decision making and selection. It is based on choice, ranking, prioritization and quality management.
- Fuzzy Logic is a form of many valued probabilistic logic in which the truth values of variables may be any real number between 0 & 1. It is based on linguistic variables and fuzzy set theory in which fuzzification is done using if – then principles/rules.
- Description and analysis of other Computing techniques such as Artificial neural network, Genetic algorithm and Lingo Software.

HOW TO APPLY

The applicants are required to register by filling the registration form and mail it on sttp@srpec.org on or before 3rd December 2016.

Applicants may also send the scanned copy of the filled registration form with sign and seal of the parent institution. Kindly register as early as possible.

Address for Correspondence:

Smt. S. R. Patel Engineering College
At. Dabhi, Ta. Unjha, Dist. Mehsana
North Gujarat, INDIA
Phone No. (02767) 272009/11/12, 9824962824
Email Id:- sttp@srpec.org

COURSE REGISTRATION FEES

For Research/ PG Scholar: Rs.500
For Academicians: Rs. 1000
For Professionals: Rs. 1500
For SRPEC Faculty: NIL

Maximum number of Participants: 30

DETAILS OF COORDINATORS

For further details, contact:

Prof. Vineet Jain- +917046795442
Email ID: vineet.jinendra@gmail.com

Prof. Utkarsh Nigam- +917359400134
Email ID: utkarsh.nigam99@gmail.com

REGISTRATION FORM

Name:

Designation:

Branch:

College Code:

Parent Institute Name:

University:

Address for Correspondence.:

Mobile No.:

E-Mail ID:

Date:

Signature of the Participant

Sign and Seal of Sponsoring Authority

Verification and sign of STTP Coordinator