

**SCHOOL OF ENGINEERING
SCHOOL OF VOCATIONAL STUDIES AND APPLIED SCIENCES**

Gautam Buddha University is established by the Uttar Pradesh Gautam Buddha University Act 2002 UP Act No. 9 of 2002. School of Engineering started in 2010 in which 05 Yr. Integrated B.Tech + M.Tech/MBA, 4 year B.Tech courses are running in various disciplines such as Civil Engineering, Electrical Engineering, Mechanical Engineering and Architecture and 02 Yr PG courses in the fields of Structural Engg., Power Engg., Industrial Engg and Management with state of the art instrumentation and laboratories. School of Vocational Studies and Applied Sciences started various programmes in 2012 such as M.Sc. Applied chemistry, Applied Mathematics, Applied Physics, Environmental Science and Food Science, B.Tech and M.Tech in 5 year integrated program in Food Processing and Technology.

SCOPE OF STTP

In the present scenario the computational techniques are finding wide applications for problem solving in the field of Engineering and Applied Sciences. The aim of this STTP is to enhance the knowledge of the participants about various techniques/tools applied in engineering like SPSS, MATLAB. SPSS is a tool for statistical analysis in social science, widely used by many researchers of various areas like market researchers, health researchers, survey companies, government, education researchers, marketing organizations, data miners etc. MATLAB is matrix based software used for finding the solutions of real time problems in every domain of engineering. The short term training programme aims to create interest among young researchers particularly, from engineering field to use these techniques for wider applications.

STTP CONTENT

- SPSS
- Statistical hypothesis testing - this will involve z-test, t-test, ANOVA
- Regression analysis - both simple and multiple
- Principle component analysis
- Forecasting models including moving average, exponential smoothing
- Correlation and Regression Analysis
- Applications of Evolutionary techniques in MATLAB
- Hands on practical session on SPSS and MATLAB

PARTICIPANTS

- The STTP is aimed to cater persons from Academic Institutes, Professionals from Industry, Government Organisations, Research Scholars and M. Tech. Students
- The numbers of seats are limited to 40 on first come first serve basis.

REGISTRATION FEE

Faculty Members from Academic Institutes	Rs. 2500/-
Professionals from Industry	Rs. 4000/-
Research Scholars and M. Tech. Students	Rs. 1500/-

PAYMENTS

Demand draft in favour of Registrar, Gautam Buddha University Greater Noida.

**REGISTRATION FORM
2nd STTP on APPLICATIONS OF TECHNIQUES/TOOLS IN
ENGINEERING**

25th to 30th March 2019

Name:

Designation:

Organisation:

Professional Field:

Mailing Address:

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E mail Address:

Mobile No. :

Mode of Payment : CASH OR DEMAND DRAFT

Demand Draft No. :

Dated: Amount:

Drawn on:

Signature: Dated:

RECOMMENDATION

The application is hereby recommended and applicant is permitted to attend the workshop.

Signature of the Head of the Department / Organisation

ABOUT THE UNIVERISTY



Gautam Buddha University, established by government funding in 511 acres lush green campus at Greater Noida encourages multidimensional growth through its education, training and research. The University envisions becoming a world class centre for excellence in education & research. The academic programmes, designed in line with the best universities around the world, combine the best practices of pedagogy and class room teaching, complemented by practical training and experiential learning. In order to promote value-based education, research and training, the University has established eight schools. To cater the engineering disciplines; School of Engineering, Information & Communication Technology and Architecture & Built Environment offers Post Graduate & Doctoral level studies in the branches of Engineering & Technology including interdisciplinary domains. In terms of infrastructure the University can boost of having world class facility.

HOW TO REACH UNIVERISTY

University is situated on Yamuna Expressway, Greater Noida in the NCR of New Delhi, India and is very well connected through World Class Roads from New Delhi Airport, Railway Stations and Inter State Bus Terminals by less than an hour's drive.

CHIEF PATRON

Prof. Bhagwati Prakash Sharma
Hon'ble Vice Chancellor, GBU, Greater Noida

PATRON

Dr. Indu Uprety, Dean, School of Engineering
Prof. N.P. Melkania, Dean, School of Vocational Studies and Applied Sciences

STTP COORDINATORS

Dr.Nidhi Singh Pal and Dr.Dipti Singh

TECHNICAL COMMITTEE

Dr. M.A.Ansari, EE, SOE, GBU
Dr. Shabana Urooj, EE, SOE, GBU
Dr. Sushil Kumar, Maths,SOVSAS, GBU
Dr. Amit Awasthi, Maths, SOVSAS, GBU
Dr. Pratiksha Saxena, Maths, SOVSAS, GBU
Dr. Amit Ujlayan, Maths, SOVSAS, GBU
Dr. Fahed Zulfeqarr, Maths, SOVSAS, GBU
Dr. C.B.Vishvakarma, EE, SOE, GBU
Dr. Omveer Singh, EE, SOE, GBU
Dr. Neeta Singh, CSE, SOICT, GBU

IMPORTANT DATES

Last date of Registration : 10th March 2019
Intimation of Confirmation: 15th March 2019

FOR ANY QUERIES CONTACT

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2nd SHORT TERM TRAINING PROGRAMME

On

APPLICATIONS OF TECHNIQUES/TOOLS IN ENGINEERING (With Hands on Practice)

25th to 30th March 2019



ORGANIZED BY
SCHOOL OF ENGINEERING &
SCHOOL OF VOCATIONAL STUDIES AND
APPLIED SCIENCES
GAUTAM BUDDHA UNIVERSITY
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