



PROGRAMME COORDINATORS

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REGISTRATION FEE

Participation from Industry : Rs. 5000/-
Govt. Architects / Engineers : Rs. 5000/-
Institutional Participants / Faculty Members: Rs. 2000/-
Students and Research Fellows : Rs. 1000/-
Registration fee will cover study material, lunch and stay in GBU Hostels. Demand draft is to be drawn in favour of "Registrar, Gautam Buddha University" payable at Greater Noida)



SCOPE OF STTP

The STTP is aimed to provide an opportunity to the urban Planners, Engineers and researchers for improving their knowledge in the area of Remote Sensing and GIS application in Urban and Regional Planning.

The twin techniques of Remote Sensing and GIS have been widely accepted as the most versatile decision making tools in all types of geospatial activities. Integrated application of these two techniques have been universally used in harnessing the natural resources with incredible speed and reasonable accuracy, even from inaccessible areas, to help the process of planning the integrated development of a region. They are widely used in planning, management and monitoring diverse fields of activities, such as, infrastructure development, rural and urban planning, environmental monitoring, resource

inventory disaster management, sustainable development, etc. Remotely sensed data, acquired from airborne and space borne platforms, combined with collateral data from the basic database in GIS for multi-criteria decision making in several applications, viz., groundwater and mineral exploration, land use / cover, forestry, wasteland management, inland water resources, mining, agriculture, coastal mapping and development, land records, health care, socio-economic, crime investigation etc.



ABOUT THE UNIVERSITY



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 and Information & Communication Technology 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.

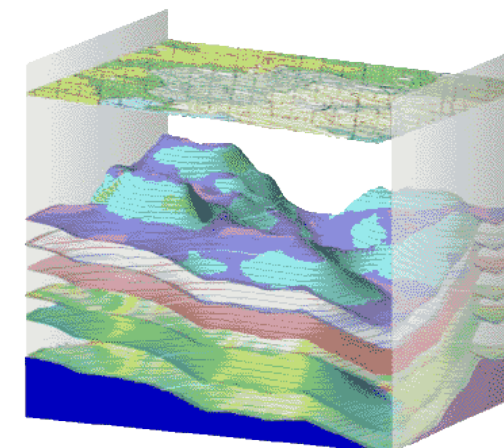


Gautam Buddha University Greater Noida

ANNOUNCES

Short Term Training Programme (STTP)

ON



Remote Sensing & GIS Applications in Regional & Urban Planning

(August 22nd – August 26th , 2011)

Organisgd by

School of Engineering



ABOUT THE SCHOOL



School of Engineering has been conceptualized and established with an objective to work out and develop a dependable model for growth, consistency and significant breakthrough in cutting edge technology and innovation. The rapid diffusion of core engineering fields like Civil Engineering, Electrical Engineering, Mechanical Engineering and Architecture & Regional Planning has the potential of bringing improvement in productivity and efficiency in almost every aspects of our life and consequently turning out to be a key driver of our economic growth. The school is equipped with state of the art class rooms, resource rich library and is in process of setting up laboratories and research facilities.

COURSE CONTENTS

Lectures: Basic concepts of Urban and Regional Planning, Urban services and Network planning, Urban Landuse planning, Urban Land use/cover change detection, Basics of Remote Sensing, Photogrammetry, Airborne and Satellite sensors, platforms and Sensors, Data products, Visual and Digital Image Processing, GIS concepts, 3D GIS, GPS Remote Sensing applications in Urban and Regional Planning.

Laboratory Exercises: Visual and digital image interpretations of satellite data, and Hands on exercise of digital Image processing, GIS and GPS.

Field Visit: Ground truth verification to verify outputs of the laboratory exercises.

Mini Project: Participants will carry out a Remote Sensing and GIS based mini project in the areas of Urban and Regional Planning during the programme.

The course content will be delivered from a pool of experts on the subject from Gautam Buddha University and other academic institutes i.e. IIT's/NIT's & industry.

WHO SHOULD ATTEND?

Faculty of Engineering / Architecture & Planning at Degree /Diploma levels, PG students, Research Scholars, Practicing Engineers and Architects & Planners in Government & Industry can benefit from this training programme.

HOW TO REACH AND PLACES OF INTEREST

University is situated on Yamuna Expressway, Greater Noida in the National Capital Region 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. All the historical and contemporary places of interest in the regions are in reach 24x7 from the university.

IMPORTANT DATES

Last date of Registration with Fees: 30th July 2011
Intimation of Confirmation : 10th August 2011

(Demand draft is to be in favour of "Gautam Buddha University" payable at Greater Noida)

FOR QUERIES/CONFIRMATION MAIL US :

maheshj@gbu.ac.in, vandana@gbu.ac.in



REGISTRATION FORM

Remote Sensing & GIS Applications in Urban & Regional Planning

Full Name: _____

Designation: _____

Department: _____

Organisation: _____

Experience (in years) Teaching: _____ Industry: _____

Address of Correspondence: _____

Pin Code: _____ Phone: _____

Mobile No.: _____ E.mail: _____

Registration Category: (Please Tick)

- ☐ Participants from Industry
☐ Students & Research Scholars
☐ Institutional Participants / Faculty Members

Details of Registration Fee:

Name of Bank & Branch: _____

DD No.: _____ Dated: _____

For Rs. _____

(DD should be in favour of "Gautam Buddha University", Payable at Greater Noida)

Date:

Signature of Participant

The applicant is hereby sponsored and will be permitted to attend the STTP.

Signature and stamp of the Sponsoring Authority

No TA/DA will be paid. Plz. Post your completely filled registration form to Dean, School of Engineering, Gautam Buddha University, Yamuna Expressway, Greater Noida, Gautam Budh Nagar, Uttar Pradesh (India) – 201310.