

2nd

ETET 2013



NATIONAL CONFERENCE ON Emerging Trends In Engineering & Technology

8-9 February 2013, Sonapat (NCR Delhi), Haryana, India



Organized by:



SBIT

ENGINEERING TOMORROW

Shri Balwant Institute of Technology

NCR Delhi, Sonapat

Approved by AICTE, Min. of HRD, Govt. of India and DTE, Govt. of Haryana
Affiliated to DCR University of Science & Technology, Murthal, Sonapat

In Association with



IEEE

Student Branch

In Collaboration with



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By Careers 360 Outlook Group



BY SILICON INDIA

Not everything that can be counted counts, and not everything that counts can be counted

Albert Einstein



ABOUT THE INSTITUTE

SBIT is an ISO 9001:2008 certified Engineering Institute located in Sonapat (**NCR Delhi**). It is only about 15 minutes drive from Delhi border and located adjacent to Rajiv Gandhi Education city. SBIT has been **ranked grade 'A' by Careers360**, Outlook group, **ranked 22nd** in India among private engineering colleges by Dainik Bhaskar and "**Most Promising Engineering College in Haryana**" by Big Brands Research.

The Institute is offering 5 undergraduate courses in engineering (CSE, IT, ECE, ME, EEE), 3 post graduate programme (M.Tech, MBA & MCA) and BCA, BBA, BHM along with PGDM (by SBIM). The Institute is having Alliances & Accreditation with HCL, Microsoft, RedHat, IBM, Novell, Oracle, Manpower, Authbridge, CadZone, Building Blocks. It has also having memberships and opened student chapters/ sections of NHRDN, ISTE, CSI, IEEE.

LOCATION

- Institute is located in **NCR Delhi**, about 15 min Drive from Delhi border and adjacent to Rajiv Gandhi Education City.
- The site is ideally located for three states in particular Delhi, Haryana and Uttar Pradesh. It is adjacent to Meerut road from where UP border is 10 km, Delhi border is 18 km and 6.5 km from NH-1(Leading to Chandigarh).
- It is 30 minutes drive from North Delhi, 15 minutes Drive from DCR University of Science and Technology, Murthal and 25 minutes drive from Delhi College of Engineering. (Delhi Technological University, Delhi)

SCOPE OF THE CONFERENCE

The aim of this conference is focused on research and emphasizes the latest in terms of technological advancements. Here's the chance to interact with the experts in the field of various engineering and technologies and the security aspects. Conference focuses on specific Engineering streams - allowing the speaker to drill deep into the issue and ensure that we return

to our workplace with actionable information that we can put to use the very next day.

We will have several guest speakers from IIT, security companies, government agencies, research laboratories, corporate sectors etc. Each session will consist of a lecture by a professional, expert or a guest speaker followed by a discussion led by one of the students. As discussion leader, the student will be required to prepare few open-ended questions on that day's topic and lead the class in a discussion, in conjunction with the professional, expert or the guest speaker.

We intend to publish the proceedings in the form of a Book to be published by a reputed publisher.

Selected papers from the conference will be submitted for publication in **SBIT National Journal- SBIT Journal of Science & Technology.**

MAJOR TRACKS FOR SUBMISSION

Conference includes tutorials & invited talks by eminent scientists and contributed papers by researchers from academia and industry all over the country.

TRACK 1:

ECE (Electronics & Communication Engineering)

The topic of interest includes but not limited to:

- Signal Processing
- Communications Technologies and Networks
- Control and Instrumentation Systems
- Modeling and simulation of Systems
- VLSI Design
- Power Electronics, Power System
- Microprocessors
- Radar and Radio Technology
- Automotive Applications
- Circuit Designing

TRACK 2:

CSE and IT (Computer Science and Information Technology)

The topic of interest includes but not limited to:





Innovation **distinguishes**
between a **leader**
and a **follower**

- Operating System and Middleware
- Data-mining and Warehousing
- Web technologies and Data Security
- E-Commerce
- Biomedical Applications
- ITES
- Soft Computing Applications
- Pattern Recognition
- Neural Network
- Data Structures and Algorithm
- Network protocols and Classifications

TRACK 3:

ME (Mechanical Engineering)

The topic of interest includes but not limited to:

- Material Science
- Solid Mechanics and Fluidics
- Thermodynamics, Combustion and Energy
- Heat Engines
- Mechnatronics and Robotics
- Nano Technologies
- Design and Production Engineering

TRACK 4:

AS (Applied Sciences)

The topic of interest includes but not limited to:

- Physics
- Chemistry
- Mathematics
- Nanotechnology
- Semiconductors devices
- Nuclear Sciences and Engineering

CALL FOR PAPERS

The committee invites papers from faculty members/PG students/Research Scholars/Engineers from Government bodies, R&D Industries and other societies related to the above

said theme. These contributions will be further referred and peer reviewed as per norms of the conference.

SUBMISSION GUIDELINES

Only original and unpublished papers from the prospective authors pertaining to on-going and unpublished research works are invited for submission. Authors are requested to submit paper in MS WORD File (not exceeding 6 pages) at email-id: etet.sbit@gmail.com **strictly in IEEE format** (format available at <http://www.sbit.in/download-center>). The paper should contain the affiliation of authors and co-authors, e-mail ID and keywords. Each paper will be reviewed for its technical merits. The subject of the email should read as <your full name>-Track Name.

Description	Important Dates	Registration Fee	Indian Delegates	Foreign Delegates
Submission of Full Paper	31 July 2012	Industry/R&D	₹ 2000	US\$ 300
Acceptance Notification	31 October 2012	Academic Institutions	₹ 1000	US\$ 200
Camera Ready Paper	15 November 2012	PG Students/Research Scholars	₹ 500	US\$ 75
Last Date for Registration	17 December 2012	Conference Date	8-9 February 2013	

- Fees once submitted will not be refunded
- Registration fee is to be paid by Demand Draft in favour of Shri Balwant Institute of Technology, payable at Delhi. Registration fee includes conference kit, lunch and tea
- At least one of the authors should register for the paper to appear in the proceeding. Registration form should be sent along with the fee

ACCOMODATION

Limited accommodation will be provided in the Institute with the nominal charges in the Institute hostel. For the accommodation charges kindly send the demand draft of Rs.1000/ on or before 10 January 2013.



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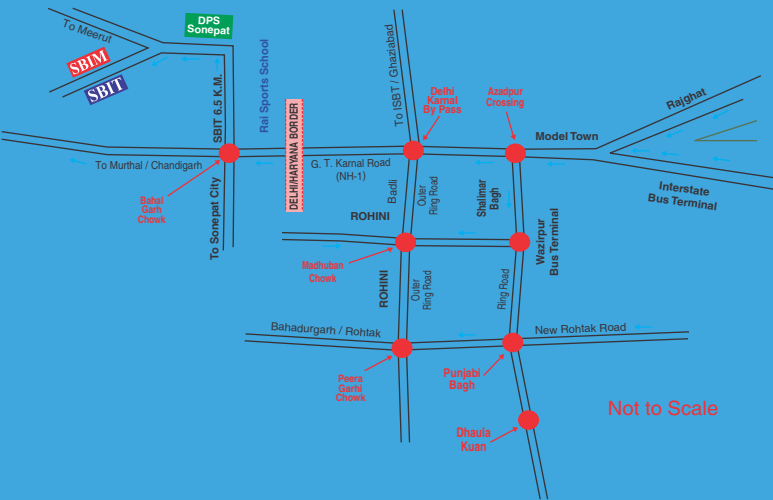
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Location Map of SBIT



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ENGINEERING TOMORROW

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