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**TWO DAYS ALL INDIA SEMINAR on
Emerging Trends in Engineering
Design & Technology
May 2-3, 2023
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(Under the Aegis of Electronics and Telecommunication
Division Board IEI)
In Collaboration with



Department of Electronics and
Communication Engineering

**Baba Banda Singh Bahadur Engineering
College, Fatehgarh Sahib, Punjab**
'A' Grade NAAC Accredited

ORGANIZES

**Two Days All India Seminar
ON
"Emerging Trends in Engineering Design &
Technology"
May 2-3, 2023**



**Venue: Baba Banda Singh Bahadur Engineering
College, Fatehgarh Sahib, Punjab**

About The Institution of Engineers (India)

The Institution of Engineers (India) or IEI is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform from which to share professional interest. IEI has membership strength of nearly 0.8 million. Established in 1920, with its headquarters at 8, Gokhale Road, Kolkata 700020, IEI has served the engineering fraternity for over a century. In this period of time it has been inextricably linked with the history of modern day engineering. In 1935, IEI was incorporated by Royal Charter and remains the only professional body in India to be accorded this honour. Today, its quest for professional excellence has given it a place of pride in almost every prestigious and relevant organization across the globe. IEI functions among professional engineers, academicians and research workers. It provides a vast array of technical, professional and supporting services to the Government, Industries, Academia and the Engineering fraternity, operating from over 125 centres located across the country. The Institution provides Grant-in-Aid to its members to conduct research and development on engineering subjects. For details visit www.ieindia.org

About Punjab & Chandigarh State Centre

The Punjab State Centre of the Institution of Engineers was located at Lahore before partition of India. After 1966, when Haryana and Himachal established their separate centre, this Centre was named as Punjab & Chandigarh State Centre. The foundation stone of this building was laid in 1961 by Sardar Pratap Singh Kairon, the then Chief Minister of Punjab. Located in center of city beautiful and equipped with all kind of infrastructure to organize such seminars.

About Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib, Punjab

Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib, was established in the year 1993 at historical place of Fatehgarh Sahib under the patronage of SGPC and with the approval of the Govt. of Punjab. The college is approved by the A.I.C.T.E, New Delhi and is affiliated to IKG Punjab Technical University, Jalandhar. The college courses are approved by NBA and NAAC. The College has earned a reputation for its quality infrastructure experience faculty, placements and strong alumni base.

ABOUT THE SEMINAR

The department of Electronics & Communication engineering of Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib (Punjab) is going to organize a seminar on "Emerging trends in Engineering Design and Technology" on 26-27 April 2023. The motive of the Seminar is to make the faculty and students aware about the growing fields and latest trends in engineering and technology. Engineers utilize their knowledge of science, mathematics, logic, and experience to introduce innovations. The progressions are acknowledged as the recent trends in engineering. Now days, Digitization is changing the playing field for engineers. It alters the culture by providing more real-time data on the performance of equipment in the field today; allowing engineers to consider improvements that can be achieved in months through data algorithms rather than years or decades. Artificial intelligence, Machine learning, Communication processing, Nano sciences, Design technology and other upcoming technologies are transforming the basics of how various technologies work and customers are recognizing the possibilities, are demanding more customized equipments and intelligent interfaces. These new trends and technologies are also reshaping the way engineers design and develop. They create opportunities that when used to full potential, can contain research and development (R&D) costs and substantially speed up the incorporation of innovations—allowing manufacturers to better adapt to rapidly changing customer demands.

CALL FOR PAPERS

The main objective of this seminar is to make the people aware of the current technological advances in Engineering design and technology. Full length research papers for the seminar on the topics related to (not restrict to) are invited.

- Communication and Information Processing
- Electrical Engineering Communications
- Power System Design and Planning
- Electromagnetic & Microwave Design
- IoT and Artificial Intelligence
- Big Data Analytics
- Nanoscience and Nanotechnology
- Optics and Optoelectronics
- Semiconductors Design
- Systems and Control Engineering
- Design Engineering
- Biodynamic and Aerodynamics

Faculty, PG students, researchers, people from Industry, research center, educational Institute can participate in the seminar.

HOW TO REGISTER

To attend the Seminar, kindly register before the last date by submitting your registration forms along with full length papers in the IEEE format.

Submission of full length paper	April 20, 2023
Acceptance of paper	April 26, 2023
Final Submission	April 28, 2023
Last date for Registration & Fee Submission	April 29, 2023
Registration fees :	Rs.1000/-
	Rs.500/-for IE(I) Members