The Institution of Engineers (India)

"98 years of relentless journey towards
Engineering Advancement for Nation Building"

ALL INDIA SEMINAR

ON

"RECENT TRENDS IN IMAGE PROCESSING FOR AI IMPLEMENTATION"

on

October 22-23, 2018

Organized by

The Institution of Engineers (India)

Punjab & Chandigarh State Centre
(under the aegis of Computer Engineering Division, IEI)

In Association / Collaboration with

BBSBEC

Baba Banda Singh Bahadur Engineering College,
Fatehgarh Sahib, Punjab
E-mail : www.bbsbec.edu.in

Venue : CSE SEMINAR HALL

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 above 0.8 million. Established in 1920, with its headquarter at 8 Gokhale Road, Kolkata-700020, IEI has served the engineering fraternity for over nine decades. 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 amongst 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 121 Centres located across the country. The Institution provides grant-in-aid to its members to conduct research and development on engineering subjects.

IEI conducts Section A & B Examinations in different Engineering disciplines, the successful completion of which is recognized as equivalent to Degree in appropriate field of Engineering of recognized Universities of India by the Ministry of Human Resources Development, Government of India. Every year as many as 90000 candidates appear for these exams.

For details, please see: www.ieindia.org.

ABOUT THE BBSBEC, FATEHGARH SAHIB

Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib, Punjab was established in the year 1993, under the patronage of Shriomani Gurudwara Prabandhak Commitee, Sri Amritsar, with the approval of the Govt. of Punjab. The college was a dream project of Panth Ratan Jathedar Gurcharan Singh Tohra, ex-President of SGPC.

The college is approved by the A.I.C.T.E, New Delhi, Ministry of H.R.D, GOI and is affiliated to I.K. Gujral Punjab Technical University, Jalandhar. The college has earned third time accreditation from the NBA and International Accreditation Organization (IAO) for various programmes. BBSBEC has also been accredited by the Institution of Engineers (India).

Presently, the college runs six B.Tech Programs and five M.Tech. Programs. It is housed in a sprawling pollution-free campus of 90 acres and is located in the sacred surroundings of historic Gurdwara of Fatehgarh Sahib.The college is named after Baba Banda Singh Bahadur, a great saint and warrior, who conquered the Sirhind fort and laid to rest, the tyranny of the Mughal Empire.

It is one of the leading institutions in Engineering & Technology and is the most sought-after for admission by the students. BBSBEC has also made a significant presence in the Techno-Educational field at international level.

ABOUT THE PROGRAMME

Objective:

National Seminar on Recent Trends in Image Processing for AI Implementation is a forum for presenting new advances and research results in the fields of digital image processing and Artificial intelligence. The seminar will bring together leading researchers, engineers and scientists in the domain of interest from around the nation. The scope of the seminar covers all theoretical and practical aspects of the signal, image processing & pattern recognition, artificial intelligence from basic research to development of application. Authors are solicited to contribute to the seminar by submitting articles that illustrate research results, projects, surveying works and industrial experiences.

Call for Papers:

All India Seminar on Recent Trends in Image Processing for AI Implementation will be held in CSE seminar Hall of BBSBEC, Fatehgarh Sahib on 22-23 October, 2018. The technical seminar is focused on image processing for Artificial Intelligence Implementation.

Topics of interest include, but are not limited to:

★ Filtering, Transforms, Multi-Resolution, Restoration, Enhancement Processing
★ Computer Vision Algorithms and Technologies
★ Compression, Transmission, Storage, Retrieval
★ Multi-View, Stereoscopic, and 3D Processing
★ Multi-Temporal and Spatio-Temporal Processing
★ Biological and Perceptual-based Processing
★ Medical Image and Video Analysis
★ Document and Synthetic Visual Processing
★ Applications to various fields
★ Computational Imaging
★ Visual Quality Assessment
★ Deep learning for Images and Video
★ Image and Video Analysis for the Web
★ Image Processing for VR Systems and Autonomous Vehicles
★ Artificial Intelligence and Image Processing

Paper Submission:

Authors are invited to submit papers of not more than four pages for technical content including figures and references, with one optional page containing only references. Submission Instructions, templates for the required paper format, are available at **www.bbsbec.edu.in**. Papers can be submitted by email to: **puneet.mittal@bbsbec.ac.in.**

Publication:

All accepted papers will be published in the conference proceedings. At least one author of an accepted paper is required to register at the full registration rate. If an author has got more than one accepted papers, each paper has also to be registered.

Important Dates:

Paper Submission	:	August 20, 2018
Notification of Acceptance	:	September 15, 2018
Camera-Ready Papers	:	September 25, 2018

Registration Fee :

Regular Authors	:	INR 2000
Full Time Student Authors	:	INR 1000
IEI Corporate Members	:	INR 750
IEI Student Members	:	INR 500
Extra Page Charges	:	INR 100/- page

The seminar registration covers seminar proceedings, kit, tea breaks and lunch. The registration doesn't cover accommodation, transportation etc.

Accommodation:

Accommodation will be provided to the outstation participants on request & first-come first-serve basis. No TA/DA shall be provided by the organising institute. However participants may claim from their own institutions as applicable.

Date and Venue:

All India seminar will be organised on October 22-23, 2018 in Seminar Hall of Department of CSE, BBSBEC, Fatehgarh Sahib, Punjab.

Payment:

All payments are to be made through crossed Demand Draft / Cheque, drawn in favour of **"The Institution of Engineers (India), Punjab & Chandigarh State Centre"**, payable at Chandigarh.

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"Recent Trends in Image Processing for AI Implementation"
(22-23 October, 2018)

BBSBEC

Organized by:
BABA BANDA SINGH BAHADUR ENGINEERING COLLEGE,
FATEHGARH SAHIB (PUNJAB)

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