

BABA BANDA SINGH BAHADUR ENGINEERING COLLEGE, FATEHGARH SAHIB (Pb)



Organizes Faculty Development Program(FDP) on Cyber Security and Big Data Analytics

(26th February, 2018 to 2nd March, 2018)

Sponsored By: **Institution of Engineers (India)**
and
Dr. Gurpal Memorial Education Trust



Organized By: Department of CSE and ECE, BBSBEC, Fatehgarh Sahib

Most of the organizations are getting data from a variety of sources like operational and transactional systems, facilities management systems, inbound and outbound customers, contact points, mobile devices, webs, scanning and many others. The data is typically in the range of terabytes and petabytes. Higher values like Exabytes, Zettabytes, and Yottabytes are on the horizon. Big data can be defined as an environment where volume, velocity and variety of data exceed the organization's storage or computing power for interpreting an accurate useful information for timely decision making. Every computer, laptop, tablet, mobile phone and other mobile devices connected to network represents a vulnerable end point as hackers are constantly and continually attacking companies, banks, government offices, universities and others. These hackers are writing malicious code to exploit websites and our networks. Some of these malicious software include viruses, worms, spyware, rootkits trojan horses and many other malicious software. These attacks disrupt our operations and try to gain access to proprietary data and personal information. Further global availability of mobile wireless internet raises a number of questions and concerns to be answered by today's stakeholders and decision makers. A number of initiatives to address cyber security, various activities common threat reporting, policy guidance, cyber space laws in addition to providing cyber security. Big data and analytics is showing promise with improving cyber security.

In this Programme, Participants will learn the basics of big data, its applications and role of big data analytics. Participants will gain insight into the basics of internet structures, various protocols, cybercrimes, cyber security, network forensics, incident response methodology, cyber space laws will. Participants will also get some hands on experience in some of forensics tools including Encase.

Eligibility of the Participants:

The motivated faculty members of engineering colleges, Research scholars and PG-students connected with this upcoming field are eligible to participate in this program. All the participants shall get a Participation Certificate; provided they attend the full program.

Expert Resources:

Eminent speakers from institutions of National repute and Industry have been requested to interact with the delegates during this program.

Dr. Gurdeep Singh Hura, Professor, Department of Mathematics and Computer Science, UMES, Princess Anne, Maryland will be the chief speaker for all days. He is having more than 33 years of teaching and research experience in various international universities.

Time & Venue:

The one-week program shall commence on 26 February, 2018 and will be spread over three sessions per day. The FDP will be organized in the Seminar Hall of Department of CSE of BBSBEC.

Registration Fee:

A nominal non-refundable registration fee of INR 500 shall be charged from all the participants.

How to apply:

Interested participants need to apply to the Course Coordinator on or before **20th February, 2018**. There are limited seats and the rule of first-come first-serve shall apply as applicable. Registration form can also be downloaded from the college website: www.bbsbec.edu.in.

Participants are required to send to the mail-id of the Course Coordinator (baljit.singh@bbsbec.ac.in), the following, duly forwarded by the concerned Head of the Institution:

1. Scanned copy of the duly filled Registration form
2. Scanned copy of the Registration fee, *in the form of Bank Demand Draft in favor of:*
Principal, BBSB Engineering College, Fatehgarh Sahib payable at 'Fatehgarh Sahib'

Original copy of Registration form and Demand Draft (DD) may be submitted at the start of the FDP

Important Dates to Remember:

Last Date for receipt of application: 20th February, 2018

Confirmation of registration/Intimation (by mail): 22nd February, 2018

Organizing Committees:

Patron: Maj. Gen. (Dr.) G.S. Lamba, Principal BBSBEC Fatehgarh Sahib

Chairperson: Dr. T.S. Kamal

Convener: Er. J.S. Garg

Coordinator: Dr. Baljit Singh Khehra

Co-Coordinator: Dr. R.S. Uppal

Organizing Secretary: Er. Sukhviri Singh Mundi

Organizing Committee

Dr. Kanwalvir Singh Dhindsa, Professor, CSE, BBSBEC

Dr. Tripatjot Singh Panag, Asstt. Professor, ECE, BBSBEC

Er. Kiranpreet Kaur, Asstt. Professor, ECE, BBSBEC

Er. Raju Sharma Asstt. Professor, ECE, BBSBEC

Dr. Supreet Singh, Asstt. Professor, ECE, BBSBEC

Er. Puneet Mittal, Asstt. Professor, CSE, BBSBEC

Er. Sandeep Kaur Dhanda, Asstt. Professor, CSE, BBSBEC

Er. Deepak Aggarwal, Asstt. Professor, CSE, BBSBEC

Er. Gurleen Kaur Dhaliwal, Asstt. Professor, CSE, BBSBEC

Er. Gurleen Sidhu, Asstt. Professor, CSE, BBSBEC

Er. Navneet Kaur, Asstt. Professor, CSE, BBSBEC

Er. Ishpreet Singh Virk, Asstt. Professor, CSE, BBSBEC

Advisory Committee

Dr. S.S. Walia, Director Student Affairs, IKGPTU, Jalandhar

Dr. Labh Singh, ITS, Advisor Telecom, Deptt of Telecom

Dr. J.S. Dhillon, Professor, SLIET, Longowal

Dr. Savina Bansal, Professor and Dean (R&D), MRSPTU Bathinda

Dr. Kanwaljit Singh, Professor & Director Computer Center, Pbi University, Patiala

Dr. Amarpal Singh, Professor, BCET Gurdaspur

Dr. R.K.Bansal, Professor & Dean (Student Welfare), MRSPTU Bathinda

Dr. A.P. Singh, Professor, SLIET, Longowal

Dr. Renu Cheema Vig, Director, UIET, Chandigarh

Dr. J.S. Sohal, Director, LCET Katani Kalan

Dr. Savita Gupta, Professor, UIET, Chandigarh

Dr. Arvind Kalia, Professor, Himachal Pradesh University, Shimla

Dr. Himanshu Aggarwal, Professor, Punjabi University, Patiala

Dr. Vikram Singh, Professor, Chaudhary Devi Lal University, Haryana

Dr. R.C.Gangwar, Assoc. Professor & Head CSE, BCET, Gurdaspur

Dr. Navdeep Singh, Associate Professor, Mata Gujri College, Fatehgarh Sahib

Accommodation

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

**The organizers shall have the right for scrutiny and selection of the candidates based on above mentioned criteria.*

About BBSBEC

Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib which is academically affiliated to Maharaja Ranjit Singh Punjab Technical University, Bathinda, has been a premier technical institute of the region. It was established in 1993 by the SGPC and has been contributing to the national kitty, well trained and dedicated young engineers. BBSBEC was the one of the first from Punjab Technical University to get its courses accredited by National Board of Accreditation (NBA) of AICTE. This is a status of quality and repute. Currently, in addition to PG programs leading to the award of the MTech. degree in CSE, CSE(E-Security), ECE, Power Systems, Instrumentation & Control, Mechatronics & Robotics, Machine Design, CAD/CAM, and MBA; the college is also offering UG Programs leading to the award of B.Tech. degree in CSE, IT, ECE, ME, CIVIL, EE and Agriculture. The unparalleled and state-of-the-art infrastructure developed on 90 acres of land & the highly qualified, experienced and dedicated faculty forms the backbone of this institute. More details can be found at: <http://www.bbsbec.edu.in>

Location

Fatehgarh Sahib is a historical place related to the martyrdom of younger sons 'Sahibzadas' of Sri Guru Gobind Singh Ji, the tenth Sikh Guru. It has an ideal geographical location with the proximity to the important cities of the region i.e. Chandigarh, Ludhiana and Patiala. The college is located at 5 kms. from Sirhind Railway Station, 42 kms. from Chandigarh, 65 kms. from Ludhiana, 40 kms. from Roopnagar & 35 kms. from Patiala. The nearest Airport is Chandigarh.

For any information/clarification, please contact:

Dr. Baljit Singh Khehra

FDP Coordinator

Mobile: 9463446505

Email: baljit.singh@bbsbec.ac.in

Important Dates

Last Date for receipt of the application:

20th February, 2018

Confirmation of registration/Intimation (by mail):

22nd February, 2018

Dr. R.S. Uppal

FDP Co-Coordinator

Mobile: 9855651466

Email: rs.uppal@bbsbec.ac.in

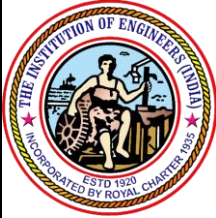
Sd/-

FDP Coordinator:

Dr. Baljit Singh

Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib

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REGISTRATION FORM

PARTICULARS OF THE APPLICANT

1.	Name (Mr/Ms) (as per Matric Certificate)		Your Passport Sized recent Photo please
2.	Designation		
3.	Institute/College		
4.	Highest Qualification		
5.	Area of specialization		
6.	Mobile No. & Email-id		
7.	Professional Experience		
8.	Pursuing (M.Tech/PhD), if any		
9.	DD No, Date & Issuing Branch		
10.	Accommodation required (Y/N)		
OFFICIAL ADDRESS		COMMUNICATION ADDRESS	

Note: Plz. send scanned copy of this form along with DD through email. **Original copy** may be submitted at the start of the Program

Place: _____

Date: _____

.....
(Signature of the Participant)

It is certified that incase the applicant is selected for the FDP, (S)He shall be definitely attending the program

Date: _____

.....
(Signature & seal of Sponsoring Authority)

*Registration form can also be downloaded from website: www.bbsbec.edu.in