

## CSI NATIONAL SEMINAR

A two-day seminar on Cyber Warfare, under the aegis of Computer Society of India (CSI), started amidst the technical ambience, exploring the cyber security domains. Dr. Gurmohan Singh Walia (V.C. SGGSW University) arrived in as the chief guest and Avtar Singh Sampla (Secretary Baba Banda Singh Bahadur Education Trust) made his presence felt as the guest of honour. Besides them, Dr. Anirban Basu (Chairman Div V, CSI) & Dr. DK Jain (Executive Director, CDAC, Mohali) also contributed with their valuable suggestions and inputs regarding information security. Seminar was coordinated under the guidance of, Prof. R.S Uppal (HOD CSE & IT).





**Registration Form**  
**National Seminar on Cyber Warfare**  
**Oct 31, 2014 – Nov 1, 2014**

Name \_\_\_\_\_

Designation : \_\_\_\_\_

Organisation : \_\_\_\_\_

Address : \_\_\_\_\_

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Do you intend to present the paper? Yes / No

Title of Paper \_\_\_\_\_

Author's Name: \_\_\_\_\_

**Payment Details :**

Draft No. \_\_\_\_\_ Amount Rs. \_\_\_\_\_

Bank \_\_\_\_\_ Date \_\_/\_\_/2014

**Accommodation :** Hotel / Guest House / Not Required

Paid accommodation for delegates will be provided in the guest house and hotels. Advance intimation about choice and preference for accommodation may be provided

Signature \_\_\_\_\_ Date \_\_/\_\_/2014

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**Delegate Registration Fees**  
Members of CSI :Rs. 1200  
Non Members :Rs. 1500  
Sponsored Delegates :Rs. 1500  
Students PG :Rs. 750  
Students UG :Rs. 500



**National Seminar**  
On  
**Cyber Warfare**

**Oct 31, 2014 – Nov 1, 2014**



**Organised By**

Baba Banda Singh Bahadur Engineering College,  
Fatehgarh Sahib

**Under the aegis of Computer Society of India**



### Computer Society of India (CSI)

Established in 1965, the CSI has been instrumental in guiding the Indian IT industry down the right path since its formative years. Presently, the CSI has 72 Chapters all over India, 511 student branches, and more than 1 Lakh members including India's most famous IT industry leaders, brilliant scientists and dedicated academicians.

### About the Host Institution

Baba Banda Singh Bahadur Engineering College (BBSBEC), Fatehgarh Sahib, a premier national level institute, was established in 1993 by the SGPC for imparting UG & PG level technical education to the youth of Punjab. It is named after the great martyr Baba Banda Singh Bahadur, who laid to rest the tyrant rule of the Mughals. Today, BBSBEC is reckoned as one of the leading institutes in North India, and it has earned name and fame not only in the country but the world over in imparting quality technical education. It was the first institute affiliated with PTU to get its courses accredited in 2004 and re-accredited in 2008 by the NBA - the hallmark of quality education, infrastructure, facilities, amenities etc. In addition to the NBA accreditation, the programmes are also accredited by the Institution of Engineers (I) and International Accreditation Organization. BBSBEC is bound to achieve new heights of glory in the times to come.

### About the City - Fatehgarh Sahib

Fatehgarh Sahib is a historically important city for the Sikh faith. Gurudwara Fatehgarh Sahib, marks the site of live entombment of the two younger sons of the tenth Guru of the Sikhs, Sri Guru Gobind Singh on 12th December 1705 by the Governor of Sirhind, Wazir Khan. The place is today commemorated by Gurudwara Fatehgarh Sahib, 5 km in the north of Sirhind.

The town is surrounded by four memorial gates, each built in the memory of four important persons from the Sikh history associated with Sirhind. These are: Deewan Todar Mal, Nawab Sher Mohd. Khan, Baba Banda Singh Bahadur and Baba Moti Ram Mehra. All belonged to different castes / religions, thus depicting the harmony and brotherhood among the people of those times.

The city is also known for a number of saints, scholars, poets, historians, calligraphers and scribes, who lived here. It has also been home to 16th-century saint of the Naqshbandi order, 'Ahmad Sirhindi' (1564-1624), whose mausoleum, the Rauza Sharif is also situated in Fatehgarh Sahib.

### Introduction to Cyber Warfare 2014

The scope of cyber warfare has undergone a major change in light of the revelations made by National Security Agency (NSA) contractor Edward Snowden. The details of the projects undertaken and the capabilities developed by the NSA has made all nations to sit-up and relook at the cyber security measures adopted by them to safeguard their cyber assets. In the years to come, we will encounter new intrusion methods, hacking techniques and other unpleasant surprises. And, in response we need to continue developing the technical skills and tools to prevent these intrusions and recouping capabilities. Our increasing connectivity to and through cyber space increases our exposure to adversaries. The cyber threat is rising and as per FBI estimate, it will equal and even eclipse the terrorist threat. In light of the above, we need to reexamine the following issues for an effective cyber warfare capabilities

- Redefining the essentials of Cyber Warfare
- Hardware Sanitization and Testing from Embedded Threats
- Secure application Software Development
- Endpoint Security Solutions for effective Cyber Defence
- Internet based Threats and Measures

### Call for Papers

Papers reflecting advances and innovations in the above areas are invited. Authors intending to present papers in the technical sessions are requested to send a soft copy of extended abstract of about 300 words in MS-Word format (Font Times New Roman, size 12) in double spacing at the convener & seminar e-mail id

[cyberwarfare2014@bbsbec.ac.in](mailto:cyberwarfare2014@bbsbec.ac.in)

with subject specifying "Abstract: National Seminar on Cyber Warfare" latest by 20th Sept, 2014. The full paper may be submitted latest by 30th Sept, 2014. Acceptance of papers shall be confirmed after the acceptance of Abstract and receipt of the registration fee. The Abstract should be headed by the title (all capitals), name(s) and address(es) of the author(s). The papers would be chosen for paper presentation, poster presentation and for inclusion in the proceedings. Each participant will be given a soft copy of the proceedings.

### Plenary Lectures

Experts & eminent personalities of national repute will deliver plenary lectures on thrust areas and interact with delegates to identify and formulate strategies for future.

### Sponsorships

#### Platinum Sponsor:

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Co-organisers :Rs. 20,000/- : includes 5 delegates, one full page advertisement.

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Inaugural Tea : Rs. 20,000  
Seminar Kit : Rs. 40,000

### Brief Outline of Seminar Programme Schedule

Registration for Seminar shall begin from 9:00 AM on Oct 31st, 2014. The seminar shall begin from 10:00 AM on Oct 31st, 2014 and conclude with the Valedictory Session on Nov 1st, 2014, at 1:30 PM.

### Note

Demand draft should be drawn in favour of

**National Seminar on Cyber warfare 2014**  
c/o Principal BBSBEC Fatehgarh Sahib

All Correspondence can be done at the following address

**The Convener, NSCW**  
**Department of CSE/IT**  
**Baba Banda Singh Bahadur Engineering College**  
**Fatehgarh Sahib**