



CSIR Sponsored

One Day National Level Seminar on

Big Data Analytics for Enhanced Cyber Security - Real Time Threat Detection and Prevention at Scale

15th October 2019

Registration Form

Name:.....

Degree: UG / PG / FACULTY

Designation:.....

Department:.....

Institution:

Mailing address:.....

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Phone

Mobile:.....

Email:.....

Payment Details

DD No:Date:.....

Amount:.....Bank:.....

Date:

Place: Signature

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Dr.C.Natarajan
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CONVENER

Dr. S.Uma
Professor & Head
Department of Information Technology

CO-ORDINATOR

Mr.B.Manikandan
Assistant Professor
Department of Information Technology

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E-mail : bmani.sari@gmail.com



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One Day National Level Seminar on
Big Data Analytics for Enhanced Cyber Security - Real Time Threat Detection and Prevention at Scale

15th October 2019



Organized by
Department of
Information Technology



HINDUSTHAN INSTITUTE OF TECHNOLOGY

(Approved by AICTE, NewDelhi,
Affiliated to Anna University, Chennai
(Accredited by NAAC with 'A' Grade,
Accredited by NBA, and Certified by
ISO 9001:2015)

Othakkalmandapam, Coimbatore – 32.
Phone:0422-2610833 Fax:0422-2610833
E-Mail : hit.principal@hindusthan.net
hit.office@hindusthan.net

ABOUT THE COLLEGE

Hindusthan Institute of Technology is one of the leading Engineering Colleges imparting quality Technical Education to the aspirants from Tamilnadu and other neighboring states. It is run by Hindusthan Educational and Charitable Trust under the leadership of Sri.T.S.R.Khannaiyann and Smt. T.R.K Sarasuwathy Khannaiyann.

The Institution was established in 2007 and is affiliated to Anna University Chennai. The institution is accredited by NAAC with 'A' grade and NBA. The Institution is well known for its high educational standards with excellent infrastructures, spread over 200 acres and is located on the Coimbatore - Pollachi National Highway. The Institution currently offers 6 UG and 4 PG programme..

ABOUT THE DEPARTMENT

The Department of Information Technology (IT) was started in the year 2007 with an apparition to develop center of excellence in the wide area of Information Technology fields.

The department is well equipped with highly qualified faculty members of good academic records and sophisticated computing resources. From the inception, the Department is continuously progressing in teaching and research & development works.

The Department of Information Technology aspires to be renowned as a quality branch for education that understands the market better than any other institution

THEME OF THE NATIONAL SEMINAR

The theme of this National Seminar is to facilitate Cyber security Data Science best practices that can help resource-strapped security teams transform Big Data into smart data for better anomaly detection and enterprise protection. A rapidly developing field, Cyber Security Data Science (CSDS) brings hope to organizations challenged by evolving Cyber threats. CSDS utilizes advanced analytics to address common security challenges – data overload, limited resources, overabundant false alerts, and more – in an increasingly data-driven, interconnected world. The discipline unites a range of analytical methods to achieve cyber security monitoring, detection, and prevention goal at scale. When operationalized, the result is an end-to-end organizational process orchestrating people, methods, and technologies. This seminar provides solutions to organizations for carefully planning objectives for their security analytics initiatives, with a focus on defining a process for applying CSDS to systematically refine big data into smart data. The goal is an operationalized process which reduces data into an effective set of features which result in focused alerts. Emerging threats are monitored continuously, but separately, in a parallel exploratory process.

TOPICS COVERED

- CSDS Best Practices
- CSDS-as-a-Process: The Explore and Detect Cycle End-to-End deep learning approach
- Introduction to Data Science through effective Analytics System
- Data Science through effective Analytics System helps enhance the cyber security industry

- Data science application in cyber security
- Big Data to Smart Data
- Data sources for security analytics
- Designing and developing Data Science through effective Analytics System
- A New Hope: Cyber security Data Science (CSDS)

This seminar will provide opportunities for young engineers to actively participate in research.

PARTICIPANTS

Faculty members, Research Scholars, UG and PG students from academic institutions with relevant background, person from industries and R & D organizations are eligible to attend the seminar.

REGISTRATION

Participants are requested to register their names by intimating to the co-ordinator in advance. Registration fee of participants are given below.

REGISTRATION FEE

UG/PG/FACULTY	INR 300
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DD to be drawn in favour of

The Principal,
Hindusthan Institute of Technology,
Payable at Coimbatore.

IMPORTANT DATES

Submission of Application	: 11-10-2019
Notification of Acceptance	: 14-10-2019
Registration	: 15-10-2019