ABOUT THE INSTITUTION

Jansons Foundation crossed another milestone by establishing Jansons Institute of Technology(JIT) in 2009. The locational advantage of the institution is its close proximity to Coimbatore. JIT is approved by the All India Council for Technical Education (AICTE), New Delhi and is affiliated to Anna University, Chennai. The institution is well equipped with advanced infrastructural facilities to meet the requirements as prescribed by the university. JIT aims to develop and implement a comprehensive human resource plan to include recruitment, professional development, retention and succession that attracts qualified staff and faculty members. It is also ensured that they remain contemporary in their respective roles and disciplines.

ABOUT THE DEPARTMENT

The Department of Computer Science and Engineering of Jansons Institute of Technology was formed in 2009. The Department offers B.E and M.E in Computer Science and Engineering. The intake is 120 students for BE Computer Science and Engineering and 24 Students for ME Computer Science and Engineering. The Department has a comprehensive curriculum on topics related to all aspects of hardware and software with an emphasis on practical learning. The course is affiliated with Anna University, Chennai and it is up-to-date and includes courses on embryonic topics to equip the students. The Department provides an outstanding education and research environment complemented by excellence in teaching. The Department has state of the art infrastructure with high speed internet facilities. Various student organizations like CSI Chapter and C Forum are active throughout the year.

LOCATION

The Institution is located on Coimbatore – Avinashi National Highway (NH 544) and is about 20 Kms from Coimbatore. It is accessible by all the buses plying from Coimbatore to Tiruppur and Erode.

ABOUT THE WORKSHOP

The workshop focuses on the impact of artificial intelligence to the problems in cyber security. The workshop offers a hands on experience in artificial intelligence and machine learning tools through which an individual can gain good knowledge in cyber security practices. An individual learns the recent algorithms in deep learning and natural language processing applied in cyber security. It also benefits with automated techniques to generate cyber courses of action whenever cyber threats are detected.

Salient features of this workshop is to

✓ enrich the professionals with real time knowledge on artificial intelligence and machine learning

✓ build and apply prediction functions with an emphasis on practical applications

✓ examine why machine learning algorithms play an essential role in cyber security

✓ apply machine learning tools to build and evaluate predictors

✓ render high quality training by experts in the domain

Jansons Institute of Technology

Two Day National Level Workshop
on
AI in CS - Modern Artificial Intelligence Techniques for Cyber Security

03.01.2019 & 04.01.2019

CONVENER
Dr.A.Velayudham

CO-ORDINATORS
Prof.A.Rathika
Prof.M.Pavithra

Organized by
Department of Computer Science and Engineering

REGISTRATION FEE (per delegate)

Student(UG/PG) / Faculty / Research Scholars : Rs. 200/-

The registration fee is to be paid as Demand Draft in favor of **"Jansons Institute of Technology",** payable at Coimbatore.

IMPORTANT DATE

Last date for
Registration with DD : **28.12.2018**

TOPICS TO BE COVERED

- ✓ Introduction to cybersecurity
- ✓ Data Structures with Python
- ✓ To code math using Python Linear Algebra, optimization theory, probability, information theory and statistics
- ✓ To code traditional machine learning algorithms using Scikit-learn
- ✓ To code Deep learning architectures using TensorFlow with Keras
- ✓ Natural language processing
- ✓ Intrusion detection
- ✓ Domain generation algorithms (DGA) and uniform resource locator (URL) Data Analysis
- ✓ Email spam detection
- ✓ Malware analysis

RESOURCE PERSON

Mr.Vinayakumar R,

Research Associate and Cognitive Security Practitioner,

Computational Engineering & Networking,

Amrita Vishwa Vidyapeetham, Coimbatore.

ADDRESS FOR COMMUNICATION

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website : www.jit.ac.in

Two Day National Level Workshop on
AI in CS - Modern Artificial Intelligence Techniques for Cyber Security

03rd & 04th January 2019
REGISTRATION FORM

Name: Dr./Mr./Ms:_____

Designation : _____

Department : _____

Category : _____

(Student (UG/PG) / Faculty/ Others)

Address :_____

_____

_____

Pin :_____

Phone :_____

Fax :_____

E-mail :_____

Fee Payment Details:

DD Issuing Bank: _____ Branch: _____

Amount: Rs._____ DD No .with date: _____

Date:

Place: Signature

Signature of Head of the Institution

(with the official seal)