Joint Online Faculty Development Programme

Malware Analysis with Data Science
August 01 – August 12, 2022

Organized by
MNIT Jaipur, NIT Patna and PDPM IIITDM Jabalpur

Course Contents

- Basic Static Malware Analysis: Fingerprinting, String Analysis etc.
- Reverse Engineering: x86 Disassembly with Ghidra/IDA Pro
- Basics of Dynamic Analysis: Sandbox Analysis, feature extraction
- Machine Learning Algorithms: Naïve Bayes', Support Vector Machine, Decision Tree

- Understandin g Machine Learning–Based Malware Detectors
- Deep Learning Algorithms: Convolution Neural Networks, Recurrent Neural
- Networks, and its variants
- Android Malware Analysis
- Building a Neural Network Malware
- Detector with Keras

Principal & Joint Principal Co-ordinators

- **Dr. J P Singh, NIT Patna**
- **Dr. Manish Bajpai, IIITDM Jabalpur**
- **Dr. Ramesh B. Battula, MNIT Jaipur**
- **Dr. Bhaskar Mondal, NIT Patna**

Programme Features

- Instructor led online sessions and rigorous hands-on sessions.
- Opportunities to connect with experts from academia, industry and government
- Certificate of completion on successful completion of the course with full access to the course material.

Registration Details

Registration link – Please fill out registration using the following link
https://forms.gle/yjWanwA9Ls3jFQYf6
Registration fee
   Indian Participants –
   Academic (student/faculty): 500 INR
   Industry Participants and Others : 1000 INR
   Foreign Participants –
   SAARC/African countries
   Academic (student/faculty): - Rs. 500/-
   Others - Rs. 1000/-
   Rest of the countries
   Fee - US$ 60 or British £ 5

Online payment details
Beneficiary Name : EICTAcademy
Bank Name: INDIAN BANK
A/C No. : 50302042708
IFSC Code: IDIB000M694
Branch: Mehgawan, IIITDM Branch

Contact Us

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