MAHATMA GANDHI INSTITUTE OF TECHNOLOGY

Kokapet(Village), Gandipet, Hyderabad, Telangana - 500075.   www.mgit.ac.in

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MOTIVATE INNOVATE EMPOWER 23 YEARS

DEPARTMENT OF INFORMATION TECHNOLOGY

In Association with

PRISTINE InfoSolutions *securing the future...*

is Organizing a
One Week Online Faculty Development Program
On

ETHICAL HACKING & DATA SECURITY

27th to 31st July, 2020

All Faculty can Participate

RESOURCE PERSONS

Mr. Aniket Bande
Cyber Security Analyst
Pristine Info Solutions

Mrs. Roshini Bosale
Asst. Prof., Dept. of CSE
Pillai HOC CET

Ms. Sushila Ratre
Asst. Prof., Dept. of CSE
ASET, Amity University

OBJECTIVES:

To Understand:

- **Cyber Security.**
- **Concept of Ethical Hacking.**
- **Threat of hackers.**
- **Precaution to keep our information safe.**
- **Social Network Security Issues and solutions.**
- **Role of Data Science in Data Security and Cyber Security**
- **Malware Analysis Environment**
- **Static and dynamic Malware Analysis**
- **Machine Learning for Social engineering.**

GUIDELINES:

- **FDP information will be updated through Email and Whatsapp Groups**
- **E-Certificate will be issued to all the participants, after successful completion of FDP.**
- **Use following Link to Register: https://tinyurl.com/July20va**
- **Use following link to join WhatsApp groups: https://tinyurl.com/whatsapp1gup**
  https://tinyurl.com/whatsapp2group
  https://tinyurl.com/whatsapp3group
- **Link for session will be shared a day before the workshop through whatsapp group.**
- **Participants have to install the Cisco WebEx application through play store in their laptop or phone.**
- **By clicking on the link participants can join the session.**

IMPORTANT INFORMATION:

- **Registration Fee: Free of Charge**
- **Platform used for FDP: Cisco Webex**
- **Timings of FDP: 11AM to 1PM, Please note - 31 July 2020(Last day) - 2PM to 4PM.**
- **Feedback link will be shared at the end of each session in chat box and also through whatsapp group.**
- **Participants are requested to switch off their web cam and audio to facilitate uninterrupted sessions.**

ABOUT THE INSTITUTE :

Mahatma Gandhi Institute of Technology is one of the premier Engineering Colleges in the self-financing category in Telangana. MGIT is affiliated to Jawaharlal Nehru Technological University, Hyderabad. The Institute has received accreditation for six UG programs three times from National Board of Accreditation, New Delhi and is also accredited by NAAC with 'A' grade. The institute offers instruction in eight UG Programs (Computer Science, Information Technology, Electrical & Electronics, Electronics & Communication, Mechatronics, Metallurgical & Materials Engineering, Civil Engineering and Mechanical Engineering) and six PG programs. The institute has received MHRD's NIRF-2020 Ranking in the rank Band: 201-250.

ABOUT THE DEPARTMENT:

The Department of Information Technology was started in MGIT in the year 1997 with an annual intake of 60 students. It is also offering a PG course with specialization in Computer Networks and Information Security with an intake of 18 students. The department has fifteen well qualified faculty members viz. one Professor and fourteen Assistant Professors supported by qualified and experienced non- teaching staff. At present, the department has 1 faculty with a Ph.D. and 7 faculty members pursing their Ph.D. degree with reputed institutions.

The department has well established independent laboratories with well-equipped systems coupled with internet facilities. The laboratories possess all the required facilities to make students learn about the new emerging technologies like Data Analytics, Data Mining, IoT, AI, Machine Learning and Open Source technologies.

The faculty members of the department are working on sanctioned research projects by AICTE. The students work with various clubs/professional chapters like ASME, ISTE, IEEE and innovation club. They showcase their potential and knowledge in the form of development of products and organise various workshops/seminars/conferences. Our students are sought after by the employers because of the consistent hands-on approach of the curriculum, our state-of-the-art laboratories and nurtured & sustained long term association between the department and the industry.

SPEAKERS PROFILE:

1. **Aniket Bande,(Cyber Security Analyst , CISEH | CPTE | Infosec Speaker)**
   o **Mr. Aniket Bande is a Cyber Security Analyst who has worked on multiple VAPT projects such as Web Application, Network and Android Application. He is a part time Reverse Engineer and Bug Bounty Hunter. His qualifications include Graduation in Information Technology.**
2. **Mrs. Rohini Bosale is an Assistant Professor in Department of Computer Science and Engineering at Pillai HOC College of Engineering & Technology Rasayani, Maharashtra. She is pursuing her Ph.D. in Computer Science and Engineering from University of Mumbai.**
3. **Ms. Sushila Ratre is an Assistant Professor in Department of Computer Science and Engineering at Amity School of Engineering and Technology, Amity University Mumbai, Maharashtra. Currently, she is pursuing her Ph.D. in Computer Science and Engineering at Mumbai. She has also worked on multiple projects that implement technology to solve social issues, while mentoring many young engineers to achieve the same.**

DAY WISE SCHEDULE:

Date	Time	Topic
27th July, 2020	11AM-1PM	• **Introduction to Ethical Hacking & Data Security** • **Email Security**
28th July, 2020	11AM-1PM	• **Foot Printing** • **Malware**
29th July, 2020	11AM-1PM	• **Password Cracking & Prevention** • **Cyber Law**
30th July, 2020	11AM-1PM	• **Social Network Security Issues and solutions**
31st July, 2020	02PM-04PM	• **Role of Data Science in Data Security and Cyber Security** • **Malware Analysis Environment** • **Performing static and dynamic Malware Analysis** • **Machine Learning for social engineering**

CHIEF PATRONS

- **Kavi Kireeti Dr. V. Malakonda Reddy, President, CBIT**
- **Sri. J. Syamsunder Reddy, Chairman, CBES**

PATRONS

- **Sri. N. Subash, Secretary & Correspondent, CBES**
- **Smt. D. Sandhya Sree, Member and Chairperson, D&P, CBES**

ADVISOR

- **Prof. K. Jaya Sankar , Principal, MGIT**

CONVENOR

- **Dr. D. Vijaya Lakshmi, Prof. & Head, Dept. of IT, MGIT**

COORDINATORS

- **P. Maitreyi, Assistant Professor, Dept. of IT, MGIT**
- **A.V. Lakshmi Prasuna, Assistant Professor, Dept. of IT, MGIT**

CO-COORDINATORS

- **B. Meenakshi, Assistant Professor, Dept. of IT, MGIT**
- **B. Swetha, Assistant Professor, Dept. of IT, MGIT**