Five Days

Online Faculty Development Program

On

CYBER THREATS
&
SECURITY MEASURES

25 July – 29 July 2022

Organized by

As a Remote Center
Department of Information Technology
School of Studies in Engineering & Technology

Guru Ghasidas Vishwavidyalaya
(A Central University)
Bilaspur - 495009

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ABOUT THE UNIVERSITY

Guru Ghasidas Vishwavidyalaya is a Central University of India, located in Bilaspur C.G. State, established under Central Universities Act 2009, No. 25 Of 2009. Formerly called Guru Ghasidas University (GGU), established by an Act of the State Legislative Assembly, was formally inaugurated on June 16, 1983.

GGU is an active member of the Association of Indian Universities and Association of Commonwealth Universities. Situated in a socially and economically challenged area, the university is appropriately named to honour the great Satnami Saint Guru Ghasidas (born in the 17th century), who championed the cause of the downtrodden and waged a relentless struggle against all forms of social evils and injustice prevailing in the society.

The University is a residential cum affiliating institution, having its jurisdiction spread over Bilaspur Revenue Division of the state of Chhattisgarh.

ABOUT THE DEPARTMENT

The department of Information Technology has been conceived with the ambitious objectives of developing professional expertise and skilled manpower in Information Technology (IT) and related areas. This will contribute in enabling the country to exploit efficiently emerging opportunities, and meet economic challenges being thrown up by the rapid global IT revolution, which is influencing virtually every area of development and social activity. The syllabi and courseware are designed to be flexible and wide-ranging, incorporating the cutting edge as well as ensuring a firm grasp of core fundamentals. A modular course design, along with several opportunities for industry training, gives students the freedom to tailor their learning experience. The department is committed to establish facilities for education and training in the field of IT for students and faculty members. The alumni students of this department are performing well in different multinational companies (MNCs). Some of our students are performing well in the competitive exams of international/National repute like GRE, GATE, MATS etc.

ABOUT FDP

The proposed course is designed to offer a unique opportunity to the participants to interact with the prominent experts from industry, faculty from the Premier Academic institutions, and distinguished practitioners working in the area of Network Security and Forensics. Lectures will be delivered by eminent experts, having rich teaching and industrial experience in their respective field of application and hence will provide deeper insight and knowledge to the participants about the advances in the fields of networking, forensics, IoT applications, along with its challenges. The primary target groups for the online training programme are:

- Faculty of Colleges, University, Academic institutions.
- Students and Research Scholars (M. Tech. and PhD) who are engaged in research (or) planning to undertake research and industry personnel.

NITTTR CHANDIGARH FDP COORDINATOR

Dr. Maitreyee Dutta
Prof & Head, Dept of IMEE Dean of Academics, R&D NITTTR Chandigarh

RESOURCE PERSON

Faculty experts from reputed institutes, and invited academic experts from NITTTR/NITs/IIITs/Central Universities/ Other Universities/ Industry

FDP CONTENTS

- Social Engineering
- Cain and Abel Tool
- John-the-Ripper Tool
- Windows Malware Analysis
- Cryptography Algorithms
- OWASP Top 10 Vulnerabilities
- Open-source Firewall Implementation
- Intrusion Detection and Prevention System
- Vulnerability Assessment and Penetration Testing
- Cyber Check Suite (Cyber Forensics tool)
- Forensics Data Imaging
- Cyber Forensics- Hardware Tools
- TrueImager
- Write Protect
- Windows Registry Tools

TARGET AUDIENCE

The faculty members of the AICTE approved institutions, research scholars, participants from Government and Industry.

REGISTRATION

1. Target Audience
   The faculty member of the AICTE approved institute, research scholars, participants from Government and Industry.
2. Registration
   Registration Fee - Free
   Last date to apply - 22 July 2022
   a. To Register, Visit NITTTR official website http://fdp.nitttrchd.ac.in/
   b. Login or register as a new user
   c. Click in Apply for STC, at left hand side, select Department as "Information Management and Emerging Engineering" and select mode of course as "online mode" and click submit.
   d. Choose "Cyber Threats and Security Measures"FDP and Apply.
   e. In the next page select the venue as "From registered remote centre" as Central University, Bilaspur.
   f. Click on "Upload ID Card and Pay Fee (Rs. 0)" button.