

## Department of Information Communication & Technology

# Report

On

Value Added Course: Certificate Course in Virtuous Security (Batch-1)

## **ACTIVITY : Value Added Course**

TITLE : Certificate Course in Virtuous Security

VALUES: Domain Knowledge; Modern Tool Usage; Professional Ethical Edification

LEARNING OUTCOMES: At the end of the course

- Foundation of cyber security concepts.
- Cryptography and cryptanalysis.
- Infrastructure and network security.
- Cyber security vulnerabilities and safe guards.

Organized by : Department of Information Communication & Technology

Program Theme : Value Added Course of Virtuous Security

Internal Expert :Mr. Harsh

Coordinator Internal Quality and Cell (IQAC) Tecnia Institute and Studies New Delhi-110085 

 Date
 : 26-12-2022 to 28-01-2023

 Time
 : 3:00-4:00 (Batch 1)

 Venue
 : Room no. 2207

 Poster/Flyer

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 : Room no. 2207

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 : Room no. 2207

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 Venue
 : Room no. 2207

 Poster/Flyer

 Venue
 : Room no. 2007

 Poster/Flyer

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 : Room no. 2007

 Venue

# CERTIFICATE COURSE IN VIRTUOUS SECURITY

#### Preface

Value Added Courses are augmented as per NEP 2020; Envisage Modern Tool Usage, Learners to up-skill their skillsets; Bridging the gap between academia and corporate requirements; VAC Certificate Course will be able to attain as under:-

- Broadening of Domain Knowledge
- Apply techniques of appropriate software's validation
- Acquire technical skills to lead as productive IT Professional
- Enhancing Employability

#### Learning Outcomes

At the end of this Course, student will be able to :

- Foundations of Cyber Security Concepts
- Cryptography and Cryptanalysis
- Infrastructure and Network Security

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Cyber Security Vulnerabilities & Safe Guards

#### Note

- Batches will commence w.e.f 26.12.2022.
- Each batch shall comprise of 60 students only.
- Minimum 75% attendance is required by the candidate for assessment.
- Assesment will be made on the basis of Viva Voce and written/practical exam.
- Successful learners after assessment will get the certificate of the VAC.

#### Duration : **30 Hours** Mode : **Offline**

Timing : 03:00 pm to 04:00 pm (Batch 1) 04:00 pm to 05:00 pm (Batch 2)

Resource Person: Mr. Harsh

# Entry Date : 08.12.2022

#### VAC Contents

- Introduction to Ethical Hacking. (2 Hrs)
- Networking Fundamentals. (3 Hrs)
- Information Gathering and Footprinting. (4 Hrs)
- Scanning and Enumeration. (3 Hrs)
- System Hacking. (2 Hrs)
- Web Application Security. (4 Hrs)
- Cryptography. (2 Hrs)
- Social Engineering. (2 Hrs)
- Wireless Security. (3 Hrs)
- Incident Response and Digital Forensic. (5 Hrs)
- incident Response and Digital Potensic. (5 mis

For any queries related the VAC certification course, Please feel free to contact VAC Coordinator : Dr. Soumya Bansal (7263149227)

Coordina

Internal Quality

Tecnia Institut

Opality 1 Cell (IQAC) Institut uced Studies (Affili New Deini-110085 Mad

Director fecnia Institute of Advanced Studies (Affiliated to GGSIP University Distrii) Madhuban Chowk, Rohini, Dein 15

| <b>Social media link</b> (promoting in any one<br>Facebook/Instagram/Twitter is mandatory)   | https://www.instagram.com/tecniaofficial?ig<br>sh=MXdxdzZwb2EwaWszNg==   |
|--|--|
| <b>No. of Students</b> (only no. to be written, list in excel or word should be maintain at department level as proof for any further requirement)       | 60   |
| <b>No. of Faculty</b> (only no. to be written , list in<br>excel or word should be maintain at department<br>level as proof for any further requirement) | 01   |
| Photograph   |  |
| Photograph   | Delhi, Delhi, India<br>2A, Bhagwan Mahavir Marg, Elock A, Sector 14, Rohini, Deihi, 130085, Indi<br>Lat 28.706108°<br>Long 77130024°<br>07/01/23 03:50 PM GMT +05:30 |

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Coordinator Internal Quality A Gat Cell (IQAC) Tecnia Institut anced Studies New Delmi-110085

| Report: Description in (min 250 to max 800<br>words)                        | This vac course on "Virtuous Security " aimed<br>to delve into the ethical dimensions o<br>virtuous security and explore strategies for<br>promoting virtuous behavior in digita<br>security practices. Emphasis was placed or<br>understanding how these frameworks could<br>guide ethical decision-making in the realm o<br>security. Participants gained a deeper<br>understanding of the ethical dimensions o<br>cybersecurity and the importance o<br>integrating ethical considerations into<br>security practices. This vac course identified<br>areas for further research and collaboration<br>including the development of ethica<br>guidelines for cybersecurity professionals<br>and the exploration of innovative<br>technological solutions. This vac course on<br>"Virtuous Security" provided a valuable<br>platform for interdisciplinary dialogue and<br>collaboration on the ethical challenges facing<br>the virtuous security landscape. By<br>promoting awareness, collaboration, and<br>actionable solutions, this vac course<br>contributed to advancing the cause o<br>virtuous security practices. |
|---|--|
| Resource Person Profile   | Mr. Harsh is working in MNC as a Software<br>Developer, he has 6 years of experience in<br>Industry, his expertise in Ethical hacking,<br>cyber<br>security etc.   |
| Attendance Sheet  | Attached   |
| Feedback  | Sample Feedback Attached   |
| <b>Report Submitted by VAC Coordinator</b> (Write faculty coordinator name) | Dr. Soumya Bansal  |

For Office Use

Signature of VAC Coordinator Signature of School / Department Head 6mm COH-AOB Internal Quality / Cell (IQAC) Tecnia Institute anced Studies New Defni-110085 ( Cell (IQAC)



## Department of Information Communication & Technology

#### Report On

## Value Added Course: Certificate Course in Virtuous Security (Batch-2)

### **ACTIVITY : Value Added Course**

TITLE : Certificate Course in Virtuous Security

VALUES: Domain Knowledge; Modern Tool Usage; Professional Ethical Edification

LEARNING OUTCOMES: At the end of the course

- Foundation of cyber security concepts.
- Cryptography and cryptanalysis.
- Infrastructure and network security.
- Cyber security vulnerabilities and safe guards..

Organized by : Department of Information Communication & Technology

Program Theme : Value Added Course of Virtuous Security

Internal Expert : Mr. Harsh

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Coordinator Internal Quality A and Cell (IQAC) Tecnia Institute and Studies New Delm-110085

| Date   | : 26-12-2022 to 28-01-2023  |   |
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| Гіте   | : 4:00-5:00 (Batch 2)   |   |
| Venue  | : Room no. 2207   |   |
| Poster/Fly   | TECNIA Depa   | rtment Of<br>mation Communication<br>chnology   |
|  | VALUE ADDE<br>SESSION - 202   |   |
| COU  | JRSE IN<br>TUOUS SECURITY   | Duration : 30 Hours<br>Mode : Offline   |
| Modern T<br>the gap t<br>Certificate<br>• Broad<br>• Apply         | led Courses are augmented as per NEP 2020; Envisage<br>ool Usage, Learners to up-skill their skillsets; Bridging<br>between academia and corporate requirements; VAC<br>e Course will be able to attain as under:-<br>lening of Domain Knowledge<br>rechniques of appropriate software's validation | Timing : <b>03:00 pm to 04:00 pm (Batch 1)</b><br><b>04:00 pm to 05:00 pm (Batch 2)</b>   |
|  | re technical skills to lead as productive IT Professional<br>ncing Employability  | Resource Person:<br><b>Mr. Harsh</b>  |
| At the end<br>• Four<br>• Cryp                                     | ning Outcomes<br>d of this Course, student will be able to :<br>ndations of Cyber Security Concepts   | Entry Date :<br>08.12.2022  |
|  | tography and Cryptanalysis<br>structure and Network Security<br>or Security Vulnerabilities & Safe Guards   |   |
| Cybe     Not     Bate     Eacl     Min     for a     writ     Suce | structure and Network Security<br>er Security Vulnerabilities & Safe Guards   | <ul> <li>VAC Contents</li> <li>Introduction to Ethical Hacking. (2 Hrs)</li> <li>Networking Fundamentals. (3 Hrs)</li> <li>Information Gathering and Footprinting. (4 Hrs)</li> <li>Scanning and Enumeration. (3 Hrs)</li> <li>System Hacking. (2 Hrs)</li> <li>Web Application Security. (4 Hrs)</li> <li>Cryptography. (2 Hrs)</li> <li>Social Engineering. (2 Hrs)</li> <li>Wireless Security. (3 Hrs)</li> <li>Incident Response and Digital Forensic. (5 Hrs)</li> </ul> |

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Coordinator Internal Quality / Contract Cell (IQÁČ) Tecnia Institute Avanced Studies New Delhi-110085

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| <b>Report Submitted by VAC Coordinator</b> (Write faculty coordinator name) | Dr. Soumya Bansal   |
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| Signature of VAC Coordinator  | Signature of School / Department Head   |
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