

Report on Workshop
Ethical Hacking & Cyber Shield
27th to 29th September, 2024

A three days' workshop on Ethical Hacking & Cyber Shield was organized by Electronics and Communication Engineering Department in association with MWTC Club-SCET, IEEE CIS Gujarat Chapter and Shree Tech Solution, Delhi. Workshop was conducted by Shree Tech Solution, Delhi at Sarvajanic College of Engineering and Technology, 27th to 29th September 2024. The objective of the workshop was to make the students aware about Ethical Hacking techniques & Cyber Security and how to implement them in positive manner.

The Expert was Mr. Arpit Maheshwari, Hacking and Data Security expert from Shree Tech Solution, Delhi. Total 37 registration were received for the workshop which includes students from various years and branches like EC, CO, IT, Mech, AIDS from SCET and students of B.Sc Computer Science from Shree Ram Krishna College.

Dr. Dhiren Bhagat, Asst. Prof, ECED and Prof. Pritesh Saxena, Asst. Prof, ECED have coordinated the workshop. Other team members were Prof. Chintan Panchal being organizing committee member and Mr. Dev Joshi and Mr. Vansh Dalal from final year being student coordinator. This workshop was 6th edition of its kind in the field of Ethical Hacking and Security with of conducting entity with EC Dept. SCET. On the basis of quiz taken, 3 winners were declared by the expert and given the cash prizes worth Rs. 1500/- which were sponsored by IEEE CIS Gujarat Chapter. **Winner 1st Position:** Nainesh Gurav, SCET (Rs. 600/-) **Winner 2nd Position:** Sarthak Patel, SRKI (Rs. 400/-) **Winner 3rd Position:** Aayush Jariwala and Aryan, SCET (Rs. 250/- each). Workshop was conducted in AV Room, EC Dept. SCET. Workshop was well appreciated by participants.

Workshop Content

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| <ol style="list-style-type: none">1. Hacking & Ethical Hacking Introduction<ul style="list-style-type: none">- Cyber Security- Why & Need for Security- ROI of Cyber Security2. OSINT Framework<ul style="list-style-type: none">- Getting Started- Data Collection- About Sock Puppet- Search & Reverse search- Open Source Intelligent Framework3. Google Dorking<ul style="list-style-type: none">- Smart Google Using- Learning Google Operators- Searching for Juicy Information- Checking for Passwords4. Identity Masking<ul style="list-style-type: none">- Masking your IP- Masking MAC- Masking Browser Identity- Masking Time & Time Zone- Call masking5. Shodan Dark Web<ul style="list-style-type: none">- Shodan Search Engine- What is the difference b/w Shodan vs Google- Using Shodan- Searching for Juicy Info.- Onion Routing | <ol style="list-style-type: none">6. Metasploit<ul style="list-style-type: none">- Start Metasploit- Basics n Working- Working with Exploits Payloads Shell- Exploiting System- Meterpreter7. Web App Sec<ul style="list-style-type: none">- Web Testing Framework- SQL injection- XSS- CSRF- Clickjacking8. Buffer Overflow<ul style="list-style-type: none">- What is Memory- What is a Buffer memory- Running C Program- Exploiting C Code9. Ruby on Rails Security<ul style="list-style-type: none">- Injection in Rails- CSRF in Rails- Limiting Rack Attack10. Reverse Engg. (Breaking Software Security)<ul style="list-style-type: none">- Converting trial version to full version- Break MS Excel Editing Blocked by password |
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Flyer



Sarvajani College of Engineering and Technology
Electronics and Communication Engineering Department
(Re-accredited for 3 years by NBA, New Delhi, w.e.f July 2022)
presents

ETHICAL HACKING & CYBER SHIELD WORKSHOP

(A SIXTH EDITION OF IT'S KIND)

27-29 SEPTEMBER 2024

AT AV ROOM, EC DEPT.

Expert for the event: Er. Arpit Maheshwari (Industry Expert, Data & Security Professionals, Co-Founder Shree Tech Solutions(Delhi))

DAY 1(27/09)

- Windows Security Breaking
- Google Dorking Techniques
- Identity Masking

DAY 2(28/09)

- Exploring Shodan
- Mastering Metasploit
- Web Application Security

DAY 3(29/09)

- Understanding Buffer Overflow
- Python Exploitation
- Wi-Fi Kung-Fu

Student Coordinators:
Vansh Dalal (74869 49444)
Dev Joshi (97250 99336)

Faculty Coordinators:
Dr. Dhiren Bhagat
Prof. Pritesh Saxena

Head of the Department:
Dr. Chirag Paunwala

Scan to Register



Expert Profile



About the Expert:



ARPIT MAHESHWARI

is working as an Information Security Professional, Trainer and Public Speaker for several Organizations (Null Meet/ OWASP Delhi chapter, Peerlyst/Cyberfrat Delhi Chapter, OpenSource Delhi Chapter, Indohora Galaxy Pvt. Ltd., CMC Ltd. (TCS Subsidiary), Mile2-India, Innobuzz Solutions, Dalvardhan Systems, Altran, KK Modi International Stratford University, ATOS, Hidden Pix, Kvch, Mercury Solutions etc.). After acquiring his Bachelor of Technology degree, he moved into the "Information Security" domain.

- Corporate Trainings, Overseas Batches
- 10+ yr Exp. in Cyber Security Trainings.
- Training in Defence
- Delivered 120+ workshop/seminars at various national and international universities.
- Performed VAPT on echs.gov.in, eiscp.com, pwho.org, bakerybucks.com, giftsnbakery.com, shopiral.com, imright.com, etc.
- Vulnerabilities Disclosures: Bigrock, Paypal, Sulekha, Amcat, Zaakpay.
- Corrected and Enhanced Wifi Cracking Logic in legacy script by g0tm1k.
- Trained over 4000+ Students in Cyber Security till date.
- Programmed C lang. code to generate dictionary; crack any passwords up to 15 Digits. (Numbers Combinations only)

Certificate



CERTIFICATE OF COMPLETION

Ethical Hacking W-S/Sept'24/001

has completed 3-Day Workshop on 'Ethical Hacking & Cyber Shield' organized by EC Department, SCET under the banner of MWTC Club(SCET) in association with IEEE Computational Intelligence Society (CIS) Gujarat Chapter & Shree Tech Solutions(Delhi) from 27th to 29th September 2024 at SCET, Surat.

Dr. Dhiren Bhagat
Faculty Coordinator

Prof. Pritesh Saxena
Faculty Coordinator

Dr. Chirag Paunwala
Head of the Department

Pictures from Workshop

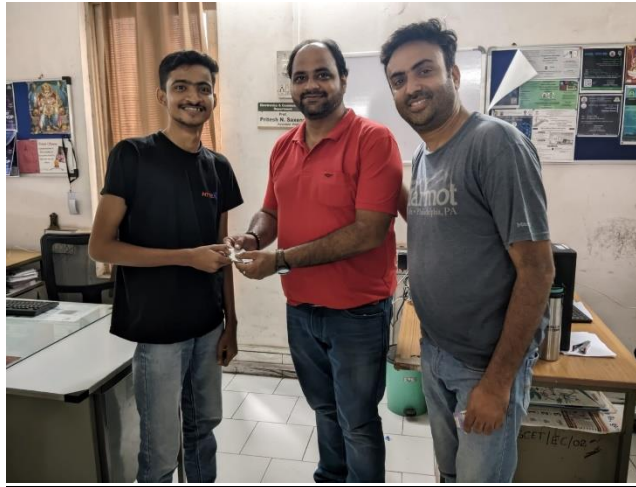






Prize Distribution to Quiz Winners

1st Position: Nainesh Gurav, SCET College



2nd Position: Sarthak Patel, SRKI College



3rd Position: Aayush and Aryan, SCET College



Feedback

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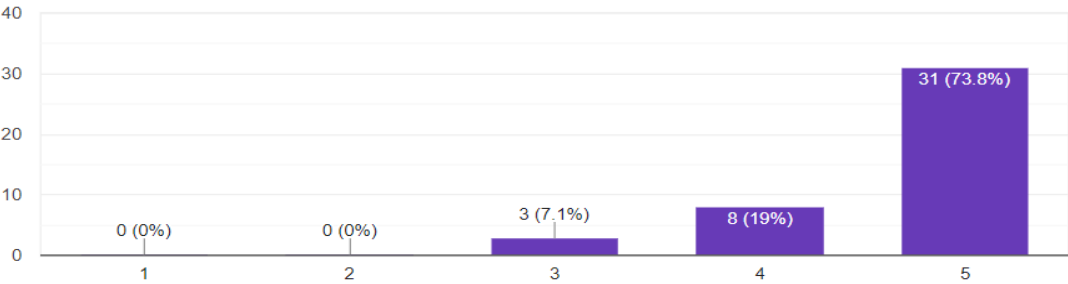
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PoorExcellent

How was the overall content covered and flow of the workshop?

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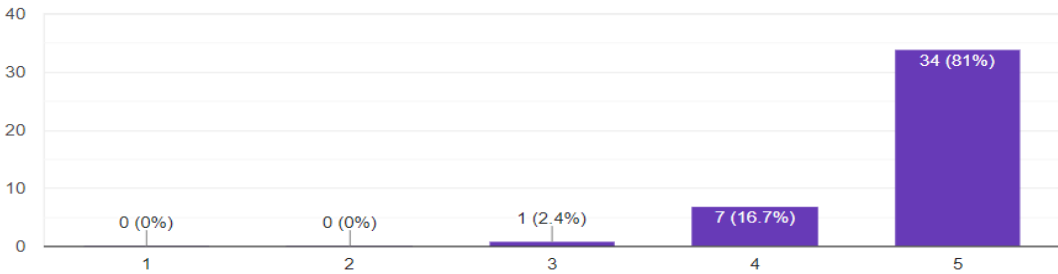
42 responses



How will you rate the expert's hold on the subject?

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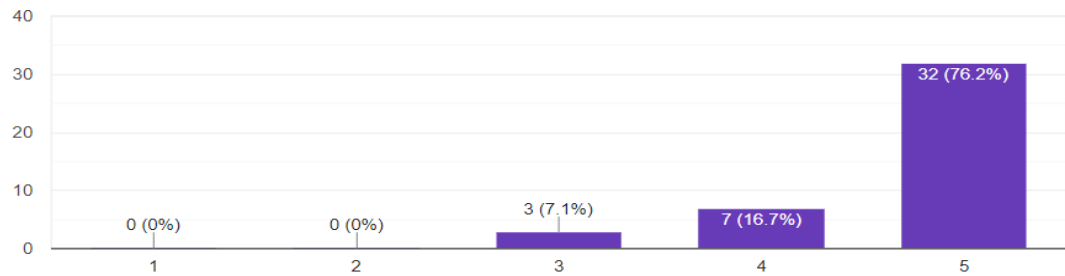
42 responses



How well the Expert interacted with the students?

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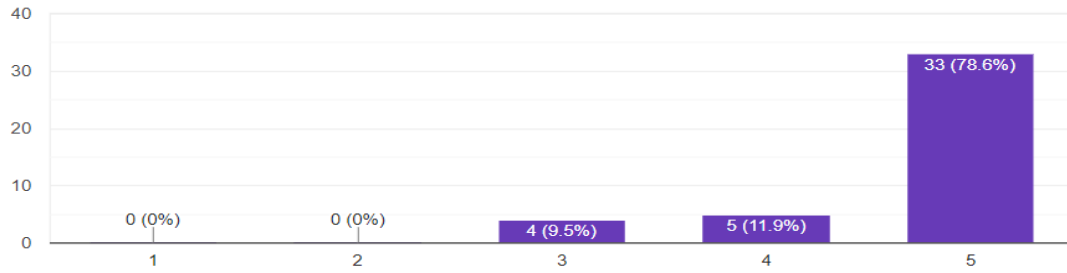
42 responses



Are you willing to participate in such workshops in the future?

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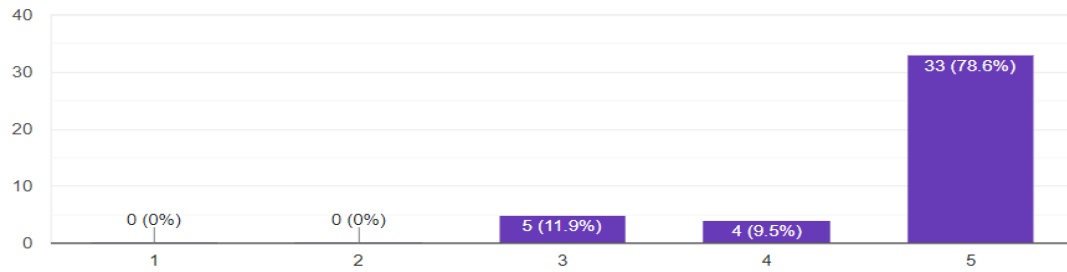
42 responses



How did you find the infrastructural facilities at SCET?

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42 responses



Mr. Dev Joshi

Student Coordinator

IV EC, SCET

Mr. Vansh Dalal

Student Coordinator

IV EC, SCET

Dr. Dhiren P. Bhagat

Faculty Coordinator

MWTC Club-Coordinator

Assistant Professor, ECED

SCET

Prof. Pritesh Saxena

Faculty Coordinator

Assistant Professor, ECED

SCET

Through,

Dr. Chirag Paunwala

HoD, ECED

SCET