


**Defence Institute of Advanced Technology**  
**Department of Computer Science & Engineering**



**REPORT ON “DIAT – CYBER SECURITY AWARENESS WEBINAR”**

- **Event summary:** The purpose of this report is to outline the dynamics of the Cyber Security Awareness Event, which transpired from October 25, 2021 to October 27, 2021 to increase the awareness of Cyber Security among the students, academician, or teacher by the Defence Institute of Advanced Technology through online mode, coordinated by Dr. Deepti Vidyarthi, Assistant Professor, Dept. of CSE under the directions of Dr. Manisha J. Nene, Head Dept. of CSE.
- **Program overview:** This Event has achieved one of the milestones of DIAT of conducting a live event on Cyber Security which marked the Cyber security awareness month. The sole purpose of this event is to create awareness among the students about cyber security's latest advancement and its importance in our day-to-day life. A good number of students participated from in and outside of DIAT and the event received a commendable response from students and the faculties of various streams.
- **Resource Persons:** The Experts from academia, industry, and alumni of DIAT were invited to showcase their knowledge and experience which had given good practical insights into cyber security problems and solutions. The session also demonstrated live demos addressing the cyber security issues in various areas. Students and faculty members had good interactive sessions during Q&A.

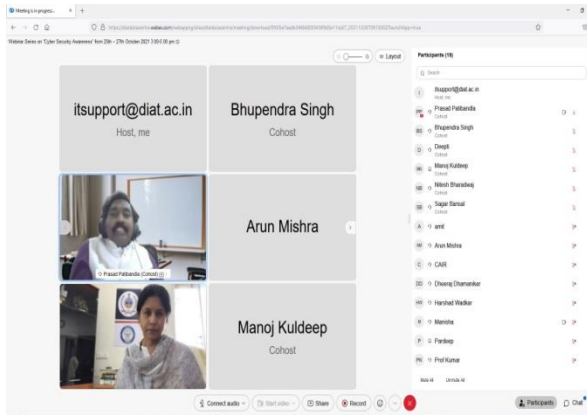
<b>Session 1:</b>	<b>Inauguration &amp; Safe &amp; Secure Web Surfing</b>	
<b>Date &amp; Time</b>	25 <sup>th</sup> October 2021, 15:00 hrs to 17:30 hrs (IST)	
<b>Inauguration Address:</b>	Dr. Manisha J. Nene, Head, Department of CSE, DIAT, DU	
<b>Keynote Speaker:</b>	Dr. Charu Malhotra, Associate Professor (e-Governance and ICT) Indian Institute of Public Administration, New Delhi	
<b>About speaker :</b>	With more than 30 years of national and international professional experience, Dr. Malhotra is deemed as a global tech-evangelist in the domain of digital transformation in governance, cyber Crime, Safety, and Security, ‘Smart and Inclusive Cities’, ‘Technology and Public Policy Formulation’, and ‘Digital India’. Her doctoral research on “Design of citizen-centric e-governance Approach: A Study of Select ICT based Rural Initiatives” still	

	<p>stays as her driving force, her passion. Training is another area of interest. Holding the privilege of being a National resource person for 'training of trainers', certified by the Government of India and accredited by Thames Valley (U.K.). She has more than 90 publications in international/ national journals, conferences.</p>
<b>Demonstration:</b>	<p>Practical demonstrations on Web Attack, OWASP, Browser Security was given by our alumini</p> <ul style="list-style-type: none"> <li>• Dr. Harshad S. Wadkar</li> <li>• Mr. Dhiraj Ramteke</li> </ul>

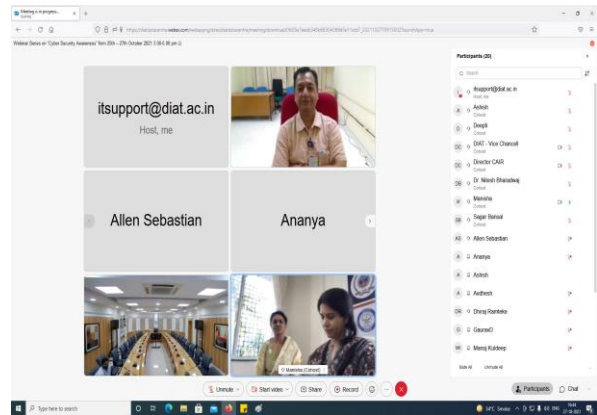
<b>Session 2:</b>	<b>Digital Forensics</b>	
<b>Date &amp; Time</b>	26 <sup>th</sup> October 2021, 15:00 hrs to 17:30 hrs (IST)	
<b>Expert Speaker:</b>	<p>Mr. Prasad Patibandla,          Founding Director          Centre for Research on Cyber Intelligence &amp; Digital Forensics          Consultant Analyst for Govt. of India.</p>	
<b>About speaker :</b>	<p>Mr. Prasad Patibandla is a McAfee Institute Certified Social Media &amp; Threat Intelligence Professional and EC-Council Certified Computer Hacking and Forensic Investigator(CHFI V9) having various Cyber Security Skills including Cyber Crime Detection, Networking Protocols, Penetration Testing, Vulnerability Assessments, Digital Forensics, OSINT, Cyber Laws and IPR Infringement. He has Teaching, Training and Entrepreneur professional with 15 years of working experience. He is currently working as Founding Director at Centre for Research on Cyber Intelligence &amp; Digital Forensics, Consultant Analyst for Govt. of India (MHA-I4C) Project and Freelance Cyber Crime Analyst to the Central Detective Training Institute (C.D.T.I-Hyderabad), MoD organizations, MILITARY COLLEGE OF EME- (MCEME) &amp; various State Police.</p>	
<b>Demonstration:</b>	<p>Practical demonstrations on Windows Forensics &amp; Memory Forensics was given by our alumini</p> <ul style="list-style-type: none"> <li>• Dr. Bhupendra Singh</li> <li>• Dr. Nitesh Bharadwaj</li> </ul>	

<b>Session 3:</b>	<b>Vulnerability Exploitation &amp; Valedictory</b>	
<b>Date &amp; Time</b>	27 <sup>th</sup> October 2021, 15:00 hrs to 17:30 hrs (IST)	
<b>Demonstration:</b>	<p>Practical demonstrations on Vulnerability Analysis &amp; Exploit Execution was given by our alumini</p> <ul style="list-style-type: none"> <li>• Mr. Ashish Jadhav</li> <li>• Mr. Gaurav Damri</li> </ul>	
<b>Valedictory Address:</b>	<p>Dr. C. P. Ramanarayanan Vice Chancellor, Defence Institute of Advanced Technology, (Deemed to be University)</p>	
<b>Chief Guest:</b>	<p>Dr Subrata Rakshit Director, Centre for Artificial Intelligence &amp; Robotics (CAIR), DRDO.</p>	
<b>About Guest:</b>	<p>Dr Subrata Rakshit did his B. Tech from IIT Bombay in Engineering Physics in 1988. He completed his MS in Electrical Engineering in 1989, PhD in Image Processing from Caltech, USA in Jan 1994 and a short postdoctoral fellowship at Washington University, Medical School, St. Louis USA. He joined CAIR, DRDO in Dec 1994 where he has worked till current date. At CAIR DRDO, Dr Rakshit has worked on Image Processing, Computer Vision, Neural Networks and Cyber Security. He has published a number of papers in peer reviewed journals, international and national conferences.</p>	

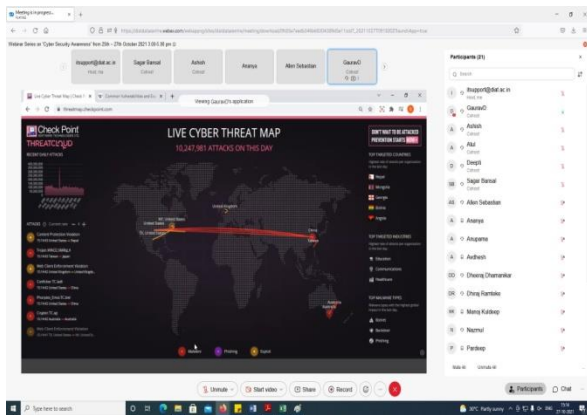
- **Glimpses of the session:** The sessions proceeded with the speaker deliberating over the topics and how sub-domains of cyber security are important in our life. Around 40 students attend the sessions. After completion of each session, feedback was collected through a Google form, and sessions were found effective.



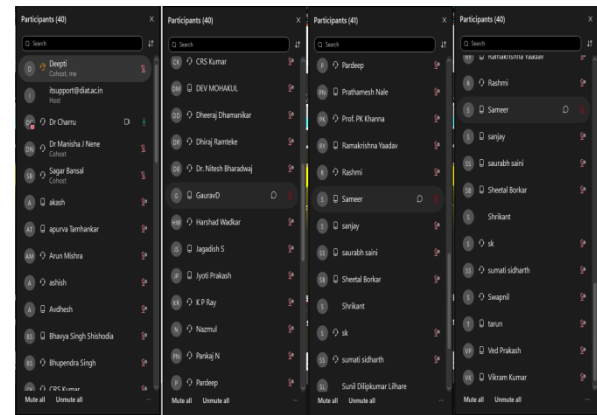
**Fig 1. Expert talks on Digital Forensics**



**Fig 2. Expert talks on Vulnerability Exploitation**



**Fig 3. Session 3 live demonstration**



**Fig 4. No of participants in sessions**

- The CSE Department, DIAT will look forward for conducting many such events to create a knowledge platform for latest technologies in Cyber security and Artificial intelligence which will boost the research areas of other engineering streams and provide exposure to real time industrial problems.