

DEPARTMENT OF INFORMATION TECHNOLOGY

ASSOCIATION OF INFORMATION TECHNOLOGISTS

Student Workshop


&

Faculty Development Programme on Cyber Security

on

21.10.2021

A REPORT

Submitted to the principal


To: HOD-INT
Noted
26
16/12



LEELA RANI P IT <leela@svce.ac.in>

Fwd: AIT invitation on Cyber security

1 message

HOD IT <hodit@svce.ac.in>

Wed, Oct 20, 2021 at 1:45 PM

To: Principal SVCE <principal@svce.ac.in>, Faculty Group <svcefaculty@svce.ac.in>

Dear Sir/madam,

We, the department of Information Technology and Association of Information Technologists (AIT) along with SVCE placement cell are cordially inviting you all for the student workshop and FDP on Cyber Security programme to be held on 21/10/2021 through online mode.

The invitation for the same is attached herewith and the meet link is::

<https://meet.google.com/iwe-xxsr-vmq>

Dr.V.Vidhya

Professor & Head

Dept. of Information Technology

Sri Venkateswara College of Engineering

Sriperumbudur-602117

Ph.044-27152000,extn:350

----- Forwarded message -----

From: **SIVAGAMI V M IT** <vmsiva@svce.ac.in>

Date: Wed, Oct 20, 2021 at 12:57 PM

Subject: AIT invitation on Cyber security

To: HOD IT <hodit@svce.ac.in>

Dear Mam

Attached AIT invitation on Cyber security dated 21/10/2021 for your reference

Thanks & Regards,

V.M.Sivagami

Associate Professor

Department of Information Technology

Sri Venkateswara College of Engineering

Sriperumbudur

 **AIT Invitation-CyberSecurity2021.pdf**

108K

**SRI VENKATESWARA COLLEGE OF ENGINEERING
(AUTONOMOUS – AFFILIATED TO ANNA UNIVERSITY)**

DEPARTMENT OF INFORMATION TECHNOLOGY

ASSOCIATION OF INFORMATION TECHNOLOGISTS

Report

Special Talk

Chief Guest : Mr. Apparao Doddi Head Application Security, Retail & CPG Units
TCS, Chennai

Target Audience : 2nd, 3rd and 4th Year IT Students

Venue : Google Meet (Online Platform)

Date & Time : 21.10.2021, 2:30 PM – 4:30 PM

Objective:

- To provide an insight about Cyber Security and its need.
- To identify courses to kick start career in cyber security domain.
- To identify scope of cyber security specialist.
- To educate the students about the job prospects available in the field of cyber security.

On 21st of October 2021, Association of Information Technologists in Association with Training and Placement Cell ,SVCE organized a Student Workshop & Faculty Development Programme on Cyber Security. The resource person was Mr. Apparao Doddi Head Application Security, Retail & CPG Units TCS, Chennai.. Ms. NR. Gayathri, third year student, rendered the prayer song. The welcome address was given by Mr. G. Ganesh,



President of AIT. The chief guest was introduced by Ms. P. Vaishnavi, Vice President of AIT. Dr. V. Vidhya, Head of the Department delivered a short note addressing the chief guest and the students. Ms. M Sneha, the treasurer of AIT, compeered the event. The session lasted for about two hours. The special talk by the chief guest included the below mentioned points:

1. Overview of Cyber Security.
2. Types of attacks.
3. Need for cyber security.
4. Case study report analyzed by Verizon.
5. Scope of cyber security specialist in an organization
6. Job roles related to cyber security domain.
7. Courses to kick start career in cyber security domain.

The students were provided with an overview of cyber security and the various types of attacks. Doubts which were raised during the Q&A session was clarified by the Chief Guest. The students registered their feedback in the feedback form which was sent at the end of the session. The student workshop and faculty development programme on cyber security ended with the vote of thanks, given by Ms. M Deekshitha, the General Secretary of AIT.

Outcome of the programme:

- Faculty and Students were exposed to the concepts of cyber security.
- This guest lecture may benefit both the students and faculty members who are doing their research work in the mentioned domain. It also would have served as an eye opener to third year students who may start their project work in their final year of study.

Total Number of students : 85
Number of faculty members : 23



AIT Coordinators



HOD/IT

SRI VENKATESWARA COLLEGE OF ENGINEERING
DEPARTMENT OF INFORMATION TECHNOLOGY

19 October 2021

To

Mr. Apparao Doddi
Head Application Security,
Retail & CPG Units
TCS, Chennai

Dear Madam,

Subject: Invitation – Guest Lecture on “Evolution to Cloud”- reg.

At the outset we would like to thank you for your graceful acceptance of our invitation to deliver Guest Lecture on “Evolution to Cloud”- on 29th September 2021, 10 AM onwards.

Department of IT engages in several activities like Workshops, Expert Lectures, Symposia and Industrial visits aimed to benefit our students and faculty members. These activities equip them to sharpen their technical skills and create awareness & bonding among our students. Department of IT looks forward to your presence amongst our faculty members & students for sharing of your valuable thoughts and advice on this topic will definitely benefit them.

We thank you once again for accepting our invitation. We eagerly await the interaction with you to enrich our faculty members with your expertise.

Thank you.

Yours sincerely,



(Dr.V.Vidhya)

HoD /Information Technology
SVCE.





Rao – Head Application Security, Retail & CPG Units

About Me

More than 18 of experience in TCS with 10 years of rich experience in solution security, application security implementation, technology architect, delivery/project management and bespoke design and deployment of security for various applications.

What I do

Currently I am heading application security for Retail and CPG unit. My skills include, Design, Implementation and Testing of Security Architecture framework, Strong Experience in implementing IAM techniques and tools, Implementation and Testing of CIAA framework, Threat Modelling and Abuse Cases, Strong Experience in data privacy and security including GDPR, Implementation of OWSAP, CWE, Experience in security testing - SAST, DAST, Pen Test and Fuzz Test. I also Conduct application security audits and data privacy audits.

I love learning new security frameworks, implementing security solutions and conducting trainings on application security.



SVCE | Sri Venkateswara
College of
Engineering



35 Years of Excellence

ASSOCIATION OF INFORMATION TECHNOLOGISTS
in Association with Training and Placement Cell ,SVCE

&

DEPARTMENT OF INFORMATION TECHNOLOGY

Solicit your esteemed presence for the

Student Workshop

&

Faculty Development Programme on Cyber Security

by

Mr. Apparao Doddi
Head Application Security,
Retail & CPG Units
TCS
Chennai

Venue: Online Mode (<https://meet.google.com/iwe-xxsr-vmq>)

Date : 21st October 2021

Time : 2:30 PM – 4:30 PM



AGENDA

DATE : 21.10.2021

TIME : 2:30 – 4:30 PM

Venue : Online Mode (<https://meet.google.com/iwe-xxsr-vmq>)

- Prayer Song
- Welcome address
- Introduction of Chief Guest
- Short note by HOD
- Special talk by Chief Guest
- Questionnaire and Feedback
- Vote of Thanks

Coordinators:

Dr. V.M. Sivagami, ASP/IT

Ms.P.Leela Rani, AP/IT

Mr.AR.Guru Gokul, AP/IT

Attendance Details

First name	Last name	Email	Duration	Time joined	Time exited
062 PRANAV S IT		2020it0628@svce.ac.in	1 hr 25 min	2:22 PM	3:57 PM
097 VARUN PRASADD S D IT		2020it0101@svce.ac.in	1 hr 36 min	2:21 PM	3:58 PM
LEELA RANI P IT		leela@svce.ac.in	1 hr 34 min	2:06 PM	3:58 PM
P.CHAKITH IT		2018it0879@svce.ac.in	4 sec	2:47 PM	2:47 PM
3	AAKKASH S IT	2020it0100@svce.ac.in	39 sec	2:54 PM	2:54 PM
VINOTHIALAKSHMI P	CSE	vlakshmi@svce.ac.in	5 min	3:26 PM	3:31 PM
Apparao	Doddi	appa*****@***.com	1 hr 29 min	2:28 PM	3:57 PM
SURESH K	It	ksuresh@svce.ac.in	2 min	3:30 PM	3:32 PM
001 AADHARSHA YADHAV H	IT	2020it0129@svce.ac.in	18 min	3:39 PM	3:57 PM
007 AISHWARYA S	IT	2020it0113@svce.ac.in	39 min	2:31 PM	3:58 PM
009 AKSHARA U J	IT	2020it0153@svce.ac.in	17 min	3:41 PM	3:58 PM
013 ATHITHYA KUMAR T	IT	2020it0757@svce.ac.in	18 min	3:38 PM	3:56 PM
018 BOLLINENI MANOGNA	IT	2020it0563@svce.ac.in	16 min	3:40 PM	3:56 PM
020 DANUSH E S	IT	2020it0591@svce.ac.in	1 hr 21 min	2:33 PM	3:55 PM
022 BARATH	IT	2018it0844@svce.ac.in	1 hr 7 min	2:23 PM	3:30 PM
025 DURGA N	IT	2020it0651@svce.ac.in	30 min	2:31 PM	3:57 PM
026 FARHEEN ALI	IT	2020it0126@svce.ac.in	14 min	3:43 PM	3:58 PM
030 HARIHARAN S	IT	2020it0142@svce.ac.in	31 min	2:38 PM	3:58 PM
031 HARISH KUMAR P	IT	2020it0729@svce.ac.in	1 hr 13 min	2:44 PM	3:57 PM
032 HARISH RAGAVENDRA P	IT	2020it0620@svce.ac.in	2 min	3:43 PM	3:46 PM
034 HARSHAVARDHINI G	IT	2020it0578@svce.ac.in	15 min	3:43 PM	3:58 PM
039 JISSHNU H J	IT	2020it0564@svce.ac.in	11 min	3:47 PM	3:58 PM
03 ABILASH	IT	2018it0283@svce.ac.in	48 sec	2:47 PM	2:48 PM
045 KEERTHANA R	IT	2020it0641@svce.ac.in	41 min	2:19 PM	3:00 PM
046 KIRAN KUMAR B	IT	2020it0605@svce.ac.in	34 min	2:20 PM	3:40 PM
047 KRITHIK SAI PRASAD P	IT	2020it0644@svce.ac.in	17 min	3:40 PM	3:57 PM
048 KRITHIKA S	IT	2020it0696@svce.ac.in	1 hr 10 min	2:18 PM	3:58 PM
049 LEKHASHREE RAJESH	IT	2020it0600@svce.ac.in	5 min	2:35 PM	2:40 PM
052 MAHALAKSHMI S	IT	2020it0111@svce.ac.in	16 min	3:41 PM	3:57 PM
054 MEGHAVARSHINI K	IT	2020it0570@svce.ac.in	12 sec	3:40 PM	3:40 PM
056 MYTHRA M	IT	2020it0104@svce.ac.in	1 hr 39 min	2:19 PM	3:58 PM

OK



057 NAGARAJAN E	IT	2020it0037@svce.ac.in	1 hr 37 min	2:19 PM	3:56 PM
058 MALINI	IT	2018it0414@svce.ac.in	19 sec	3:58 PM	3:58 PM
058 NAVIN RAJ RS	IT	2020it0842@svce.ac.in	1 hr 28 min	2:20 PM	3:58 PM
059 NAVINA G	IT	2020it0162@svce.ac.in	1 hr 31 min	2:23 PM	3:58 PM
060 NITHISH BALAJI S	IT	2020it0632@svce.ac.in	1 hr 8 min	2:18 PM	3:27 PM
061 PAVITHRA V	IT	2020it0545@svce.ac.in	1 hr 34 min	2:22 PM	3:57 PM
063 PRATHIBA P	IT	2020it0851@svce.ac.in	1 hr 36 min	2:18 PM	3:58 PM
065PRAVEEN KUMAR R	IT	2020it0801@svce.ac.in	27 min	2:21 PM	2:48 PM
066 PUJASANKARI R	IT	2020it0809@svce.ac.in	1 hr 32 min	2:21 PM	3:53 PM
068 RANJAN TSB	IT	2020it0215@svce.ac.in	1 hr 39 min	2:01 PM	3:58 PM
069 RISHI MUNDRA R	IT	2020it0613@svce.ac.in	13 min	2:27 PM	2:41 PM
070 RITHIKA B	IT	2020it0088@svce.ac.in	1 hr 36 min	2:21 PM	3:58 PM
071 ROHETH S	IT	2020it0109@svce.ac.in	1 hr 38 min	2:19 PM	3:58 PM
072 ROSHAAN S	IT	2020it0107@svce.ac.in	1 hr 37 min	2:21 PM	3:58 PM
074 SANDHYA S	IT	2020it0150@svce.ac.in	1 hr 37 min	2:20 PM	3:58 PM
075 RAHUL PRASANTH	IT	2018it0851@svce.ac.in	22 min	2:22 PM	2:49 PM
075 SANJIV T S	IT	2020it0535@svce.ac.in	1 hr 42 min	2:16 PM	3:58 PM
076 SANTHANABHARATHI P	IT	2020it0557@svce.ac.in	48 min	2:29 PM	3:17 PM
077 SANTHOSH K	IT	2020it0592@svce.ac.in	1 hr 31 min	2:27 PM	3:58 PM
078 SANTHOSH M	IT	2020it0566@svce.ac.in	39 min	2:22 PM	3:01 PM
080 SARANYA S	IT	2020it0147@svce.ac.in	1 hr 37 min	2:20 PM	3:58 PM
081 SHARAN S	IT	2020it0134@svce.ac.in	1 hr 36 min	2:02 PM	3:57 PM
082 Shreya	IT	2020it0087@svce.ac.in	1 hr 33 min	2:23 PM	3:57 PM
083 SIVA E	IT	2020it0086@svce.ac.in	1 hr 34 min	2:23 PM	3:57 PM
085 SRI SHAKTHI A	IT	2020it0832@svce.ac.in	1 hr 24 min	2:19 PM	3:44 PM
086 SRIJAN KUMAR N	IT	2020it0161@svce.ac.in	1 hr 23 min	2:20 PM	3:43 PM
087 SRIRAM V	IT	2020it0097@svce.ac.in	1 hr 33 min	2:24 PM	3:57 PM
088 SUNDARAM S	IT	2020it0617@svce.ac.in	1 hr 38 min	2:20 PM	3:58 PM
091 SWAMYNATH S	IT	2020it0551@svce.ac.in	1 hr 38 min	2:01 PM	3:56 PM
092 SUDHA	IT	2018it0251@svce.ac.in	1 hr 30 min	2:22 PM	3:55 PM
092 swetha s	IT	2020it0163@svce.ac.in	1 hr 33 min	2:22 PM	3:54 PM
093 SYED MOHIDEEN AFRIDI M	IT	2020it0157@svce.ac.in	1 hr 33 min	2:23 PM	3:56 PM
094 SURYA PRAKASH	IT	2018it0213@svce.ac.in	54 sec	2:38 PM	2:39 PM
094 THANIGAIVELAN A	IT	2020it0247@svce.ac.in	11 min	2:20 PM	2:31 PM
095 SWATHI E	IT	2018it0083@svce.ac.in	1 min	2:30 PM	2:32 PM
095 UDHAYA DHARSHINI V	IT	2020it0639@svce.ac.in	1 hr 11 min	2:22 PM	3:32 PM

Handwritten signature/initials



096 Varun M	IT	2020it0834@svce.ac.in	13 min	3:45 PM	3:58 PM
099 Vassantha S	IT	2020it0457@svce.ac.in	1 hr 19 min	2:20 PM	3:39 PM
100_THILAKESH RAJ	IT	2018it0387@svce.ac.in	1 hr 16 min	2:42 PM	3:58 PM
104 YOGENDRA KUMAR A K M	IT	2020it0814@svce.ac.in	13 min	3:45 PM	3:58 PM
105 YUGESHWARI D	IT	2020it0622@svce.ac.in	1 hr 31 min	2:26 PM	3:57 PM
106 YUHESHWAR K S	IT	2020it0092@svce.ac.in	1 hr 31 min	2:27 PM	3:57 PM
107 VISHWAA	IT	2018it0856@svce.ac.in	1 hr 30 min	2:25 PM	3:57 PM
12 AKILESH	IT	2018it0165@svce.ac.in	28 sec	2:24 PM	2:24 PM
14 AMARNATH KANAGARAJ	IT	2018it0845@svce.ac.in	2 hr 8 min	2:24 PM	4:33 PM
18 ARUN KUMAR	IT	2018it0294@svce.ac.in	1 hr 40 min	2:22 PM	4:02 PM
23 Bharathkumar P	IT	2018it0295@svce.ac.in	13 min	2:23 PM	2:36 PM
31 DHARSHAN V	IT	2018it0604@svce.ac.in	1 hr 12 min	2:49 PM	4:00 PM
35 ELAVARASAN	IT	2018it0659@svce.ac.in	19 min	2:26 PM	2:45 PM
41 HARISH GUPTHA	IT	2018it0791@svce.ac.in	1 hr 38 min	2:22 PM	4:00 PM
60 MAYANK SHARMA	IT	2018it0897@svce.ac.in	5 min	2:27 PM	2:32 PM
79 SANTHOSH KUMAR	IT	2018it0575@svce.ac.in	59 min	2:26 PM	3:36 PM
86 SIVAKUMAARAN	IT	2018it0155@svce.ac.in	21 min	2:39 PM	3:01 PM
88 SRI BALAJI	IT	2018it0428@svce.ac.in	40 min	2:21 PM	3:03 PM
97_SYED THAMEEMUL ANSARI	IT	2018it0245@svce.ac.in	32 min	3:10 PM	3:42 PM
AARTHI	IT	2018it0270@svce.ac.in	1 hr 30 min	2:28 PM	3:58 PM
ABINAYA	IT	2018it0146@svce.ac.in	1 hr 5 min	2:26 PM	3:31 PM
ABISHEK MURA	IT	2018it0853@svce.ac.in	1 hr 14 min	2:25 PM	3:39 PM
AISWARYA S	IT	aiswaryas@svce.ac.in	38 min	2:24 PM	3:11 PM
AJAY	IT	2018it0430@svce.ac.in	14 sec	2:35 PM	2:36 PM
AJAY	IT	2018it0386@svce.ac.in	16 min	2:54 PM	3:51 PM
BHARATHY	IT	2018it0286@svce.ac.in	1 hr 41 min	2:25 PM	4:07 PM
BHUMA TEJASWI	IT	2018it0788@svce.ac.in	22 min	2:36 PM	2:58 PM
BHUVANESHWARI T	IT	2019it0347@svce.ac.in	2 min	2:42 PM	2:45 PM
CHITRA	IT	2018it0569@svce.ac.in	1 hr 15 min	2:28 PM	3:43 PM
DEEPIKA	IT	2018it0608@svce.ac.in	1 min	2:24 PM	2:26 PM
DEEPIKA R	IT	2019it0042@svce.ac.in	1 hr 9 min	2:44 PM	3:57 PM
DEVA M	IT	2020it0912@svce.ac.in	1 hr 42 min	2:16 PM	3:58 PM
DEVI N	IT	nds@svce.ac.in	1 hr	2:33 PM	3:33 PM
DIVYASHREE	IT	2018it0529@svce.ac.in	29 min	2:26 PM	3:04 PM
DIVYA T	IT	2018it0161@svce.ac.in	1 hr 50 min	2:22 PM	4:12 PM
GANESH	IT	2018it0095@svce.ac.in	24 min	2:18 PM	2:42 PM
GAYATHRI N R	IT	2019it0509@svce.ac.in	1 hr 38 min	2:19 PM	3:57 PM
GAYATHRI S	IT	2019it0076@svce.ac.in	1 hr 32 min	2:25 PM	3:57 PM
GOKUL G	IT	2018it0262@svce.ac.in	1 hr 31 min	2:23 PM	3:55 PM

Handwritten signature



GOKULNATH	IT	2018it0584@svce.ac.in	57 min	2:27 PM	3:30 PM
GURU GOKUL AR	IT	gurugokul@svce.ac.in	1 hr 30 min	2:17 PM	3:58 PM
HARI	IT	2020it0918@svce.ac.in	1 hr 39 min	2:19 PM	3:58 PM
HARITHA C	IT	2018it0160@svce.ac.in	1 hr 32 min	2:26 PM	3:58 PM
HARITHA K	IT	2018it0281@svce.ac.in	46 min	2:23 PM	3:10 PM
HEMALATHA G	IT	2019it0178@svce.ac.in	1 hr 23 min	2:31 PM	3:57 PM
HOD	IT	hodit@svce.ac.in	1 hr 37 min	2:23 PM	4:00 PM
JANANI	IT	2018it0159@svce.ac.in	40 min	2:30 PM	3:10 PM
JASON	IT	2018it0435@svce.ac.in	42 sec	2:44 PM	2:45 PM
JAYASHRI P	IT	2019it0590@svce.ac.in	1 hr 36 min	2:22 PM	3:58 PM
JESWIN JABEZ	IT	2018it0874@svce.ac.in	20 min	2:22 PM	2:43 PM
JOANN NITTIKA	IT	2018it0615@svce.ac.in	1 hr 31 min	2:26 PM	3:57 PM
KALA A	IT	akala@svce.ac.in	1 hr 14 min	2:19 PM	3:33 PM
KALAVATHI S	IT	kalavathi@svce.ac.in	1 hr 21 min	2:30 PM	3:58 PM
KEERTHANA V	IT	2019it0750@svce.ac.in	1 hr 30 min	2:20 PM	3:51 PM
KEERTHIGA D	IT	2019it0197@svce.ac.in	1 hr 15 min	2:32 PM	3:58 PM
KIRUTHIKA DEVI K	IT	kiruthika@svce.ac.in	55 min	2:34 PM	3:33 PM
KISHORE MOHAN	IT	2018it0660@svce.ac.in	1 hr 10 min	2:39 PM	3:49 PM
MADHAN KUMAR	IT	2018it0394@svce.ac.in	19 min	2:38 PM	2:58 PM
MADHUMITHA	IT	2018it0158@svce.ac.in	1 hr 29 min	2:28 PM	3:58 PM
MEENAKSHI P	IT	meenakship@svce.ac.in	1 hr 8 min	2:23 PM	3:31 PM
MOHAMMED ISMAIL A	IT	2020it0911@svce.ac.in	1 hr 2 min	2:09 PM	3:23 PM
NARMADHA R	IT	2019it0385@svce.ac.in	1 hr 36 min	2:20 PM	3:57 PM
PRAVEEN	IT	2018it0042@svce.ac.in	1 hr 37 min	2:21 PM	3:58 PM
Praveenkumar V	IT	praveenkumarv@svce.ac.in	1 hr 36 min	2:21 PM	3:57 PM
ROSHINI	IT	2018it0861@svce.ac.in	47 min	2:37 PM	3:24 PM
SAKTHEESWARI R	IT	sakthi@svce.ac.in	1 hr 8 min	2:19 PM	3:57 PM
SANGEETHA G	IT	gsangeetha@svce.ac.in	1 hr 5 min	2:30 PM	3:35 PM
SHARON FEMI P	IT	sharon@svce.ac.in	1 hr 13 min	2:19 PM	3:32 PM
SHOBANA B T	IT	shobana@svce.ac.in	1 hr 36 min	2:17 PM	4:02 PM
SIVAGAMI V M	IT	vmsiva@svce.ac.in	1 hr 46 min	2:14 PM	4:00 PM
SIVAKUMAR E	IT	sivakumare@svce.ac.in	1 hr 34 min	2:22 PM	3:57 PM
SNEHA M	IT	2019it0026@svce.ac.in	24 min	2:18 PM	2:42 PM
SUGACINI M	IT	msugacini@svce.ac.in	52 min	2:16 PM	3:18 PM
SUMATHI G	IT	gsumathi@svce.ac.in	1 hr 19 min	2:23 PM	3:57 PM
SURENDHAR	IT	2018it0941@svce.ac.in	7 min	3:00 PM	3:07 PM
UMA N	IT	numa@svce.ac.in	1 hr 34 min	2:24 PM	3:57 PM
VAISHNAVI	IT	2018it0093@svce.ac.in	1 hr 38 min	2:21 PM	3:59 PM
YASHWANTHKUMAR	IT	2018it0068@svce.ac.in	48 min	2:36 PM	3:24 PM
YOGALAKSHMI	IT	2018it0127@svce.ac.in	50 min	2:29 PM	3:19 PM

Handwritten signature/initials



Vignesh	J	2020it0924@svce.ac.in	1 hr 35 min	2:23 PM	3:57 PM
100 Vijay	K	2020it0849@svce.ac.in	1 hr 20 min	2:20 PM	3:41 PM
Santhosh	Karthik	sant*****@***.com	11 sec	2:27 PM	2:27 PM
Deekshitha	Muthurayar	deek*****@***.com	1 hr 39 min	2:19 PM	3:58 PM
ANISH	RAGHAVENDRA IT	2018it0621@svce.ac.in	1 hr	2:54 PM	3:54 PM
SAHA A SHARON	S	2020it0948@svce.ac.in	1 hr 36 min	2:22 PM	3:58 PM
Shree Ganesh	S	2020it0879@svce.ac.in	1 hr 37 min	2:21 PM	3:57 PM
73	SAHANA S IT	2020it0612@svce.ac.in	30 min	2:32 PM	3:02 PM
Jyothiprabha	S S IT	2020it0910@svce.ac.in	1 hr 36 min	2:20 PM	3:58 PM
Ganesh	Thirunavukkarasu	gane*****@***.com	13 min	2:33 PM	2:46 PM
RAMACHANDIRAN E	TRAINING AND PLACEMENT	ramachandrane@svce.ac.in	59 min	2:28 PM	3:35 PM
102	VIJAYALAKSHMI . A IT	2020it0353@svce.ac.in	12 min	2:26 PM	2:38 PM
105	VIJEY	2018it0901@svce.ac.in	43 min	2:31 PM	3:33 PM

Handwritten signature



Feedback from the Audience

Name	How relevant and helpful do you think it was for your studies?	How satisfied were you with the session content?	Any overall feedback for the event?
VAISHNAVI P	5	5	Good
Sanjiv TS	5	5	
Jasi Grace I	5	5	
Kishore Mohan	5	5	
Pratheeba R	5	5	
Nilavezhil K	5	5	
HARIHARAN S	5	4	
Suriya R	4	4	-
Nandha Ramasamy	5	5	
SRUTHILAYA V	5	5	
B.Madhavan	5	5	
Premavathi R	5	5	
S YOGESH	5	5	
G. SAI GANESH	4	4	
Swamynath	5	5	
Sivakumaaran	5	5	
Mohammed sakeeb M H	5	5	
G.Sindhu	4	5	Good and useful event
MALINI A R	4	5	The session was informative
VASSANTHA.S	3	5	
Sharan S	4	4	Good detailed session about cloud
Ugendran I	5	5	
MYTHRA.M	5	5	
PAVITHRA V	5	5	
Pujasankari R	4	4	
Shreya R	4	4	Very well organized
Praveen T	4	4	No
022 BARATH	5	5	Good
030 HARIHARAN S	5	5	
031 HARISH KUMAR P	5	5	



033 HARRIHARAN M K	5	5	
034 HARSHAVARDHINI G	5	5	
035 HEMANTH RAJ V	5	5	Good
036 JAIGUGANESH K	5	5	
037 JEEVANANDH M	5	5	
039 JISSHNU H J	5	5	
040 Kamalesh S	5	5	
042 KARTHIKEYAN E	5	5	
046 KIRAN KUMAR B	5	4	
047 KRITHIK SAI PRASAD P	4	4	-
050 MADHAVAN B	5	5	
051 MADHUMITHA B	5	5	Very well organized
053 MEGHA VARSHA S	5	5	
055 MOHAMMED SAKEEB M H	5	5	
PRANAVRAJ P	4	5	
PRATHEEBA R	4	4	
073 PREMAVATHI	4	4	
075 SANJIV T S	5	5	
081 SHARAN S	5	5	
082 Shreya	5	5	
083 SELVA ABISHA	4	5	Good and useful event
086 SRIJAN KUMAR N	5	5	Good
091 SWAMYNATH S	5	5	
092 SUDHA	5	5	
093 SYED MOHIDEEN AFRIDI M	5	5	
23 Bharathkumar P	5	5	
35 ELAVARASAN	5	5	
68 NILAVEZHIL	5	4	
86 SIVAKUMAARAN	4	4	-
AISWARYA S	5	5	
AJAY	5	5	well organized
BADRI NARAYANAN	5	5	
BHARATHY	5	5	
BHUMA TEJASWI	5	5	
CHITRA	4	4	
DEEKSHITHA M	5	5	
PRADEEP RAHUL A	5	5	

DIVYA T	5	5	
GANESH	4	5	Good and useful
GAYATHRI N R	5	5	Good
NANDHA RAMASAMY	5	5	
GOKULNATH	5	5	
RATHEESH KUMAR P	5	5	
058 MALINI	5	5	
RANJAN SIDDHARTH R	5	5	
JAGAN SRINATH	5	4	
JANANI	4	4	-
JASI GRACE	5	5	
UGENDRAN	5	5	Useful
RAMYASRI G	5	5	
KALAIARASI	5	5	
KALAIARASI M S	5	5	
ROBIN THOMAS T	5	5	
KAVIYA	5	5	
PRAVEEN	5	4	
KISHORE MOHAN	5	5	
MADHUMITHA	4	5	Good and useful

Ok



FT/GN/48/01/10.06.15

SRI VENKATESWARA COLLEGE OF ENGINEERING

FEEDBACK FROM THE SPEAKER - GUEST LECTURE

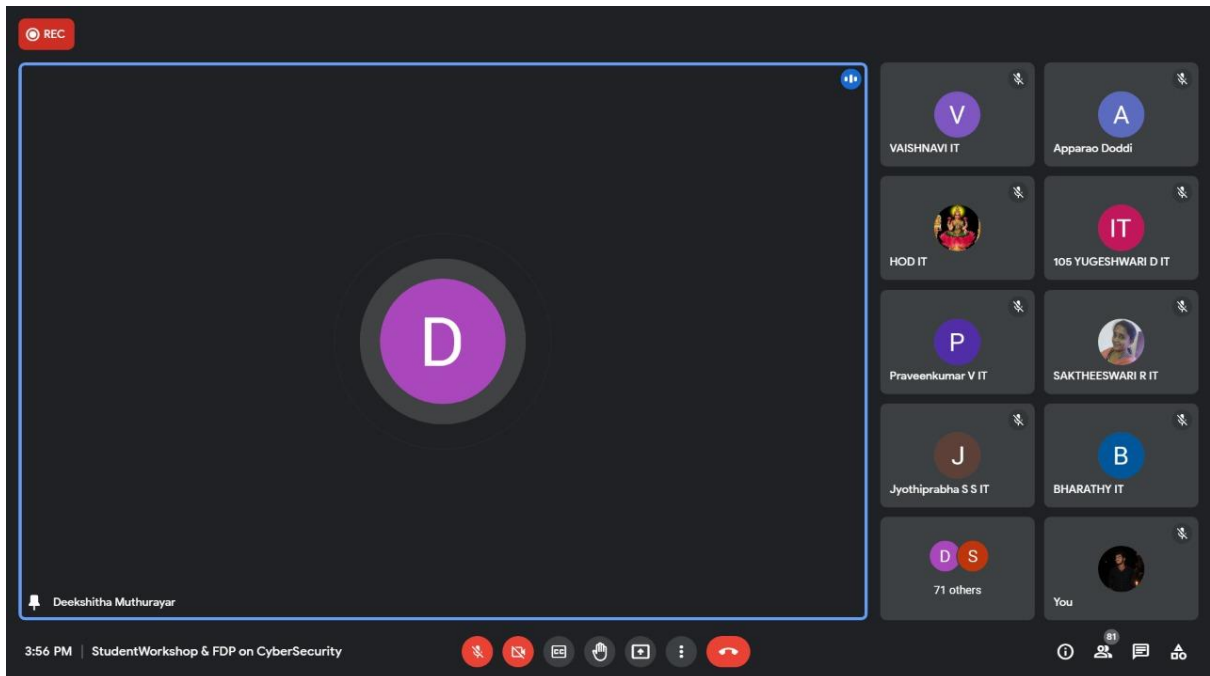
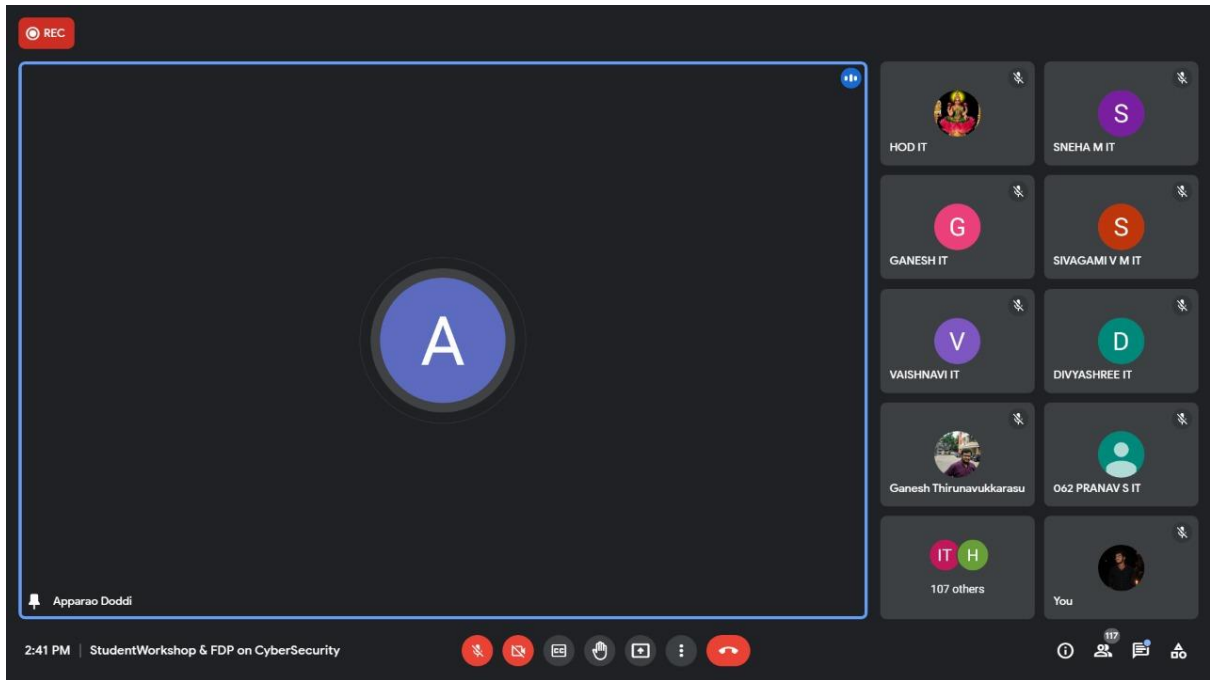
DEPARTMENT : Information Technology

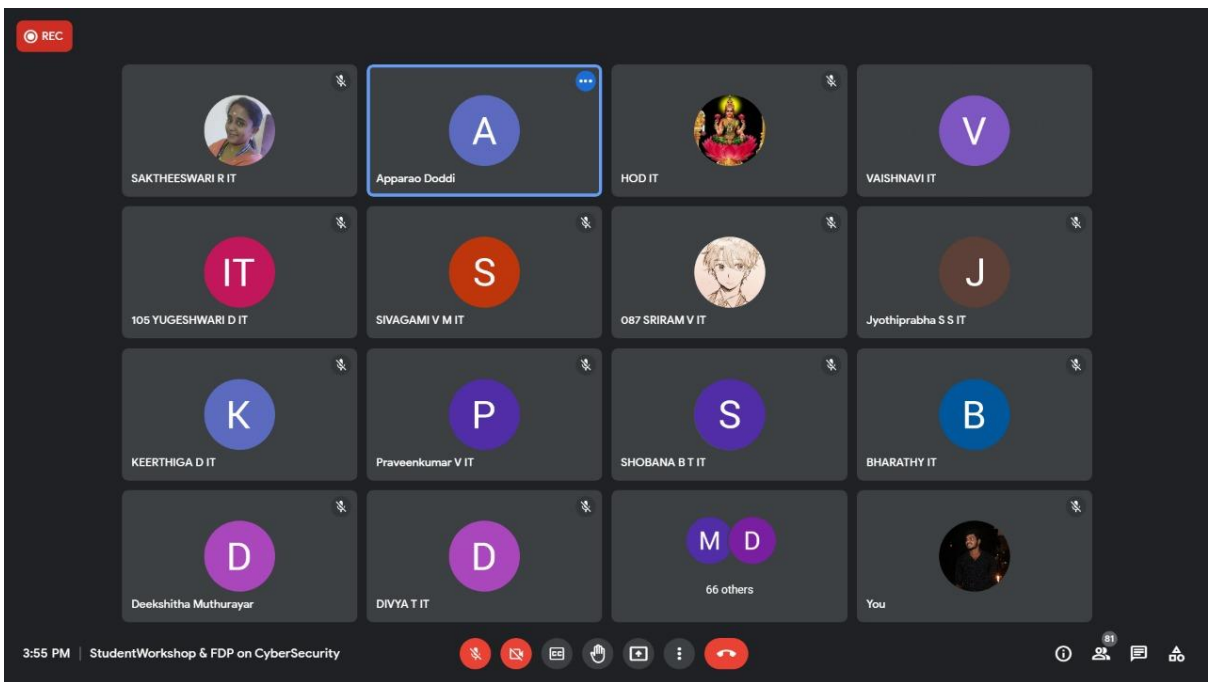
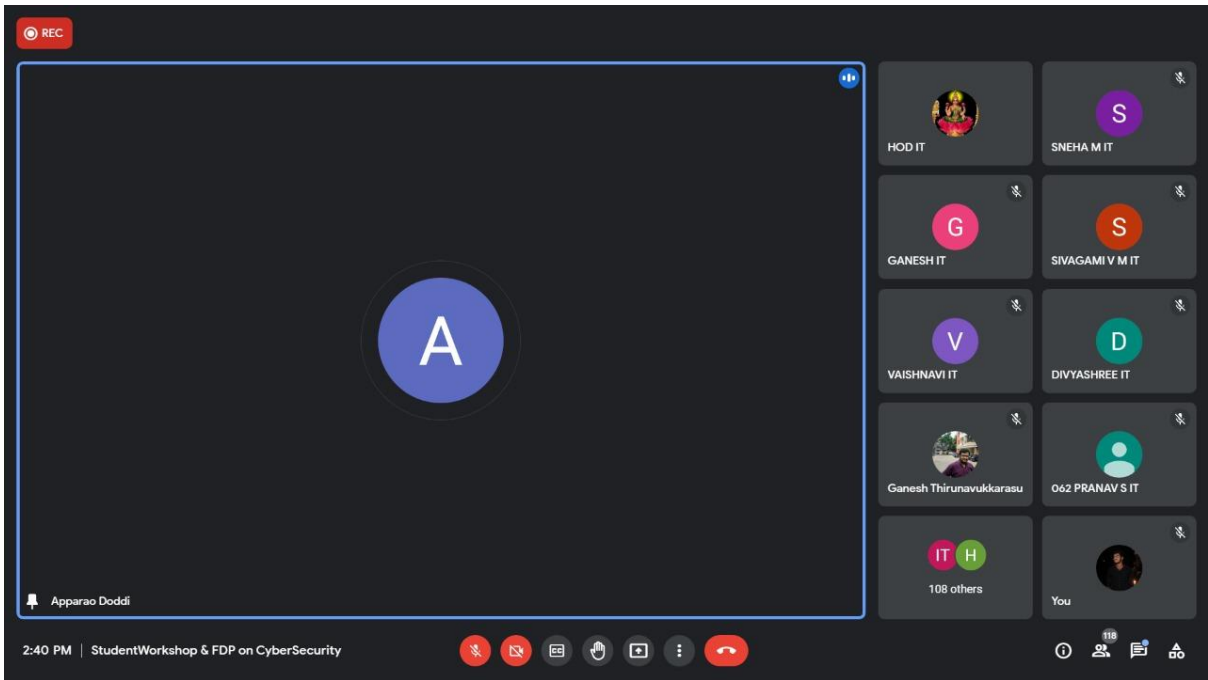
Name of the Speaker	:	Apparao Doddi
Designation	:	Head Application Security, Retail & CPG Units
Institution/University/Organisation	:	TCS, Chennai
Mobile / E-mail	:	+91 9632587122
Title of the Lecture	:	Cyber Security
Date	:	21/10/2021
Time	:	3:30 PM
Venue	:	Online
Comments by the Speaker	:	Very well organized and well managed.
Suggestions for improvement	:	Students need to speak up
Signature of the Speaker	:	<i>Apparao</i>

Signature of Coordinator

Signature of HOD

SCREENSHOTS OF THE PROGRAMME





REC

Apparao Doddi	HOD IT	Ganesh Thiruna...	VAISHNAVI IT	SIVAGAMI V M IT	DIVYASHREE IT	105 YUGESHW...	HEMALATHA G ...	KEERTHANA V IT	Jyothiprabha S ...
KALA A IT	020 DANUSH E ...	MOHAMMED IS...	SUGACINI M IT	078 SANTHOS...	79 SANTHOSH ...	095 UDHAYA D...	Deekshitha Mu...	MEENAKSHI P IT	KALAVATHI S IT
075 RAHUL PRA...	DIVYA T IT	86 SIVAKUMAA...	JANANI IT	087 SRIRAM V IT	DEVA M IT	MADHAN KUM...	YASHWANTHK...	Vignesh J	GAYATHRI N R IT
100 Vijay K	070 RITHIKA B IT	082 Shreya IT	14 AMARNATH ...	048 KRITHIKA ...	MADHUMITHA IT	JOANN NITTIK...	DEVI N IT	PRAVEEN IT	YOGALAKSHMI...
GURU GOKUL ...	077 SANTHOSH...	073 SAHANA S IT	057 NAGARAJ...	AISWARYA S IT	MEENAKSHI P IT	074 SANDHYA ...	67 others	You	

2:43 PM | StudentWorkshop & FDP on CyberSecurity

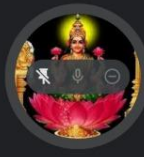
REC

HOD IT	SNEHA M IT
GANESH IT	SIVAGAMI V M IT
Apparao Doddi	SUMATHI G IT
DIVYASHREE IT	105 YUGESHWARI D IT
102 others	You

2:36 PM | StudentWorkshop & FDP on CyberSecurity



REC

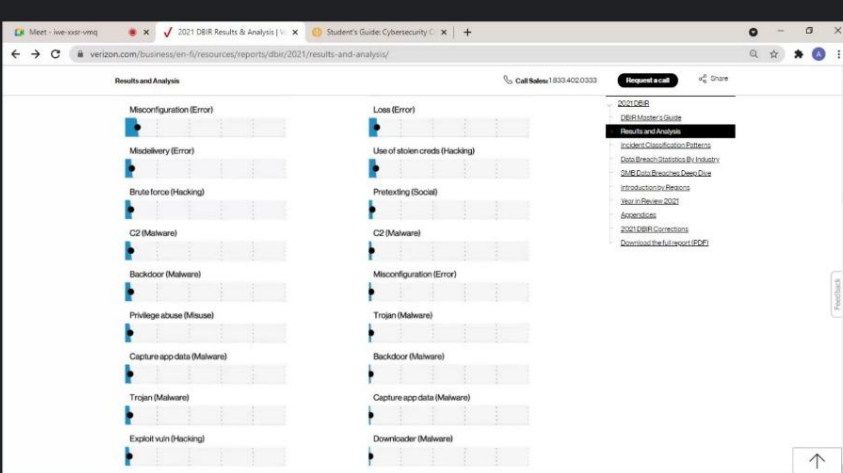


HOD IT

2:36 PM | StudentWorkshop & FDP on CyberSecurity

VAISHNAVI IT, SNEHA M IT, GANESH IT, SIVAGAMI V M IT, Apparao Doddi, SUMATHI G IT, DIVYASHREE IT, 105 YUGESHWARI D IT, 102 others, You

REC Apparao Doddi is presenting



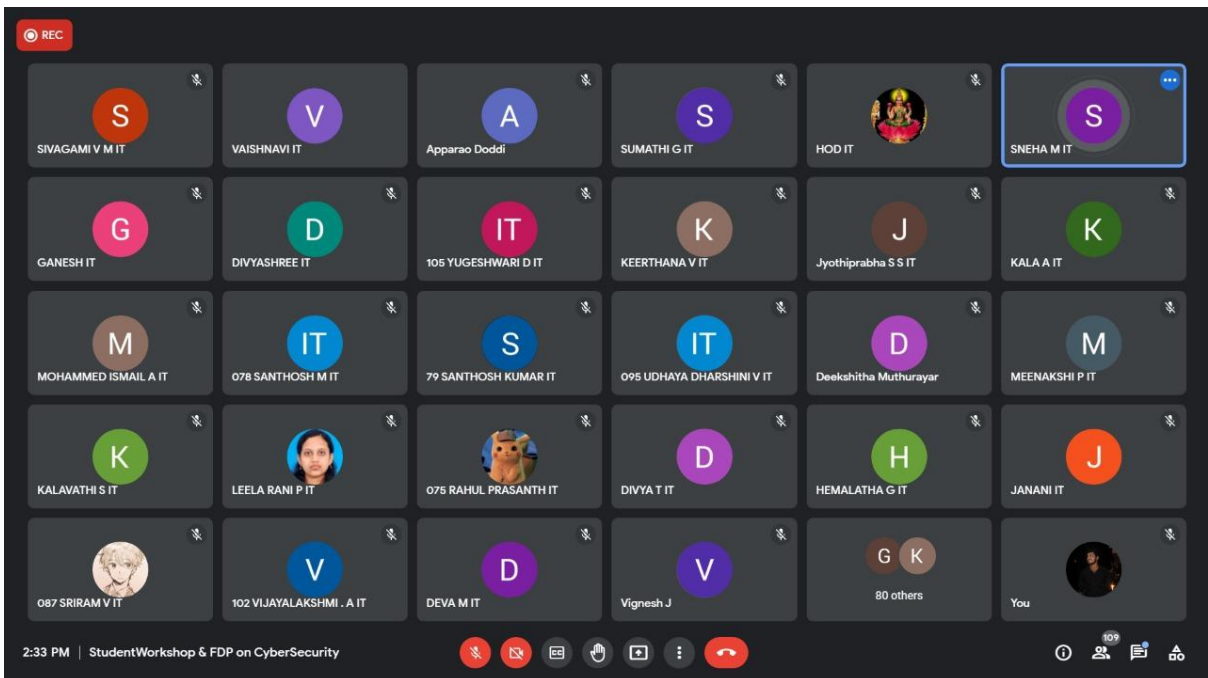
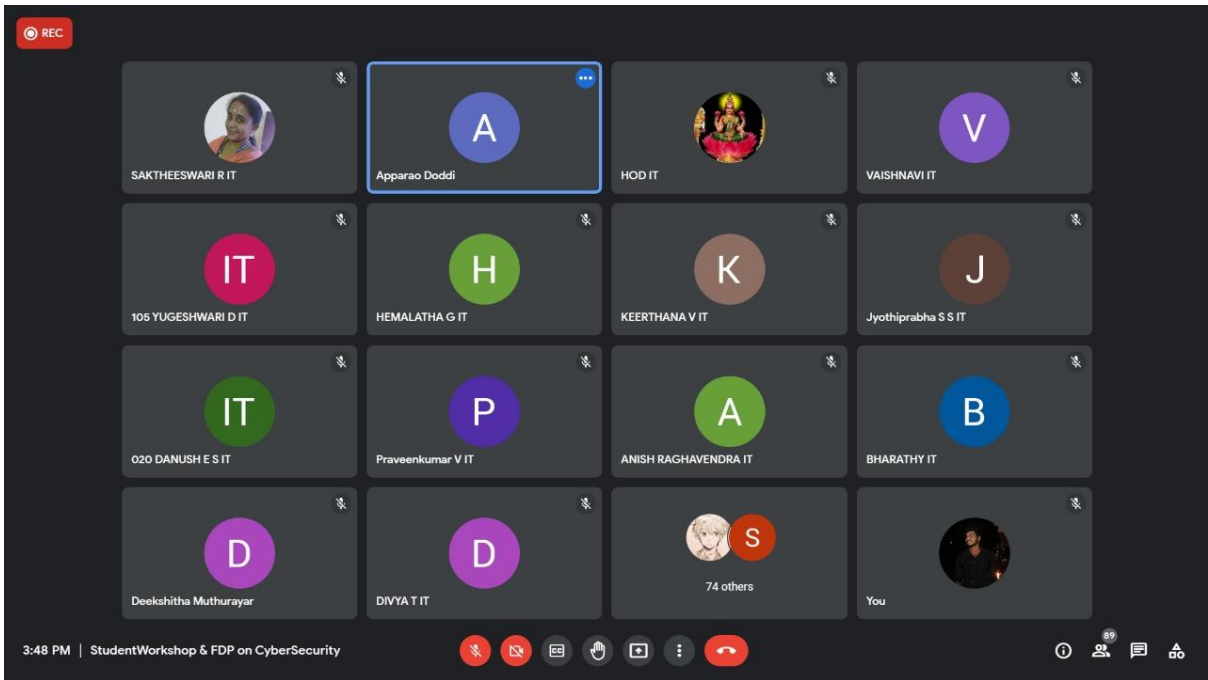
Apparao Doddi

HOD IT

VAISHNAVI IT, SIVAGAMI V M IT, 105 YUGESHWARI D IT, HEMALATHA G IT, KEERTHANA V IT, Jyothiprabha S S IT, 90 others, You

3:09 PM | StudentWorkshop & FDP on CyberSecurity





REC Apparao Doddi is presenting

Meet: live-xxx-vmg | 2021 DBIR Master's Guide | Student's Guide CyberSecurity

verizon.com/business/en-4/resources/reports/dbir/2021/masters-guide/

Personal Business Support Stores

Shop Products Plans Solutions Resources Contact Us Why Verizon Log In

Data Breach Investigations Report / 2021 / DBIR Master's Guide

Call Sales: 1.833.402.0333 Request a call Share

2021 DBIR

- DBIR Master's Guide
- Introduction
- Summary of Findings
- Results and Analysis
- Incident Classification Patterns
- Data Breach Statistics By Industry
- SMB Data Breaches Deep Dive
- Introduction by Benigno
- Year in Review 2020
- Appendices
- 2021 DBIR Connections
- Download the full report (PDF)

Figures 1, 2, 3 and 4 all convey the range of realities that could credibly be true. Whether it be the slant of the bar chart, the threads of the spaghetti chart, the dots of the dot plot, or the color of the violin chart, they all convey the uncertainty of our industry in their own special way.

The slant on the bar chart represents the uncertainty of that data point to a 95% confidence level (which is quite standard for statistical testing). In layman's terms, if the slants of two (or more) bars overlap, you can't really say one is bigger than the other without angering the math gods (and their wrath is terrible).

Dot plots are also frequently used, and the trick to understanding this chart is that the dots represent organizations. For example if there are 200 dots (like in Figure 3), each dot represents 0.5% of organizations. This is a much better way of understanding how something is distributed among organizations and provides considerably more information than an average or a median. We added many more colors and callouts to make these even more informative this year.

Our newcomers this year are spaghetti and violin charts. They attempt to capture uncertainty in a similar way to slanted bar charts but are more suited for, respectively, data visualized over time and proportions of changes over a specific time period. For these charts, the darker area is more likely to be the correct value.

Let us know what you think of them! We hope they make your journey through this complex dataset a little less daunting.

Credit where credit is due
Turns out folks enjoy citing the report, and we often get asked how they should go about doing it.

2:46 PM | StudentWorkshop & FDP on CyberSecurity

Apparao Doddi

HOD IT

Ganesh Thirunavukkarasu

VAISHNAVI IT

SIVAGAMI V M IT

KEERTHANA V IT

105 YUGESHWARI D IT

HEMALATHA G IT

K J

103 others

You

REC

SAKTHEESWARI R IT

Apparao Doddi

HOD IT

VAISHNAVI IT

105 YUGESHWARI D IT

SIVAGAMI V M IT

087 SRIRAM V IT

Jyothiprabha S S IT

KEERTHIGA D IT

Praveenkumar V IT

SHOBANA B T IT

BHARATHY IT

Deekshitha Muthurayar

DIVYA T IT

M D

66 others

You

3:55 PM | StudentWorkshop & FDP on CyberSecurity

In-call messages

Messages can only be seen by people in the call and are deleted when the call ends.

Faculty's Feedback link
https://docs.google.com/forms/d/e/1FAInQLScrlhI47Ney7_IRDwF0ISwBiz74Ed_8mtpyXX0oXsxtzSizg/view/form

081 SHARAN S IT 3:48 PM
Sir to build a carrier we can start from networking ,understand the layers of internet, operating systems and then go in depth into hacking is advisable or is there any other way?

081 SHARAN S IT 3:50 PM
Cnna will be good sir?
Thank you sir

GURU GOKUL AR IT 3:53 PM
Can you suggest some open source tools to kick start cyber security?

GURU GOKUL AR IT 3:54 PM
Thank you sir

SIVAGAMI V M IT 3:55 PM
Thank you sir

Send a message to everyone



REC Apparao Doddi is presenting

Meet - live-xxxx-vmg 2021 DBR Summary of Findings Student's Guide Cybersecurity

verizon.com/business/en-in/resources/reports/dbir/2021/summary-of-findings/

Shop Products Plans Solutions Resources Contact Us Why Verizon Log In

Data Breach Investigations Report / 2021 / DBIR Master's Guide / Summary of Findings

Call Sales: 1.833.402.0333 Request a call

Attack Type	Percentage
Social Engineering	~45%
Denial of Service	~35%
Basic Web Application Attacks	~25%
System Intrusion	~15%
Miscellaneous Errors	~10%
Privilege Misuse	~5%
Lost and Stolen Assets	~5%

2021 DBIR
DBIR Master's Guide
Introduction
Summary of Findings
Results and Analysis
Incident Classification Patterns
Data Breach Statistics By Industry
SMB Data Reveals Deep Dive
Introduction by Regions
Year in Review 2021
Appendices
2021 DBIR Corrections

2:48 PM | StudentWorkshop & FDP on CyberSecurity

Apparao Doddi, HOD IT, KEERTHANA V IT, VAISHNAVI IT, SIVAGAMI V M IT, 025 DURGA N IT, 105 YUGESHWARI D IT, HEMALATHA G IT, 101 others, You

REC Apparao Doddi is presenting

Meet - live-xxxx-vmg 2021 DBR Results & Analysis Student's Guide Cybersecurity

verizon.com/business/en-in/resources/reports/dbir/2021/results-and-analysis/

Request a call

Results and Analysis

In the same way automation may be helping you scale up your defensive operations, it can also help attackers scale up their offense. Figure 19 illustrates the relative occurrence of attack types in honeypot data. Near the top of the attacker's opportunistic sales funnel, we see scanners. Down near the bottom are where the Remote Code Execution (RCE) attacks reside. Regardless of their placement in the figure, automation is likely to assist attackers in moving potential victims from the top of the funnel to the bottom. As such, it's important to limit your public facing attack surface, through asset management, defensive boundaries, and intelligent patching.

Attack Type	Percentage
Financial	~85%
Secondary	~45%
Espionage	~15%
Other	~10%

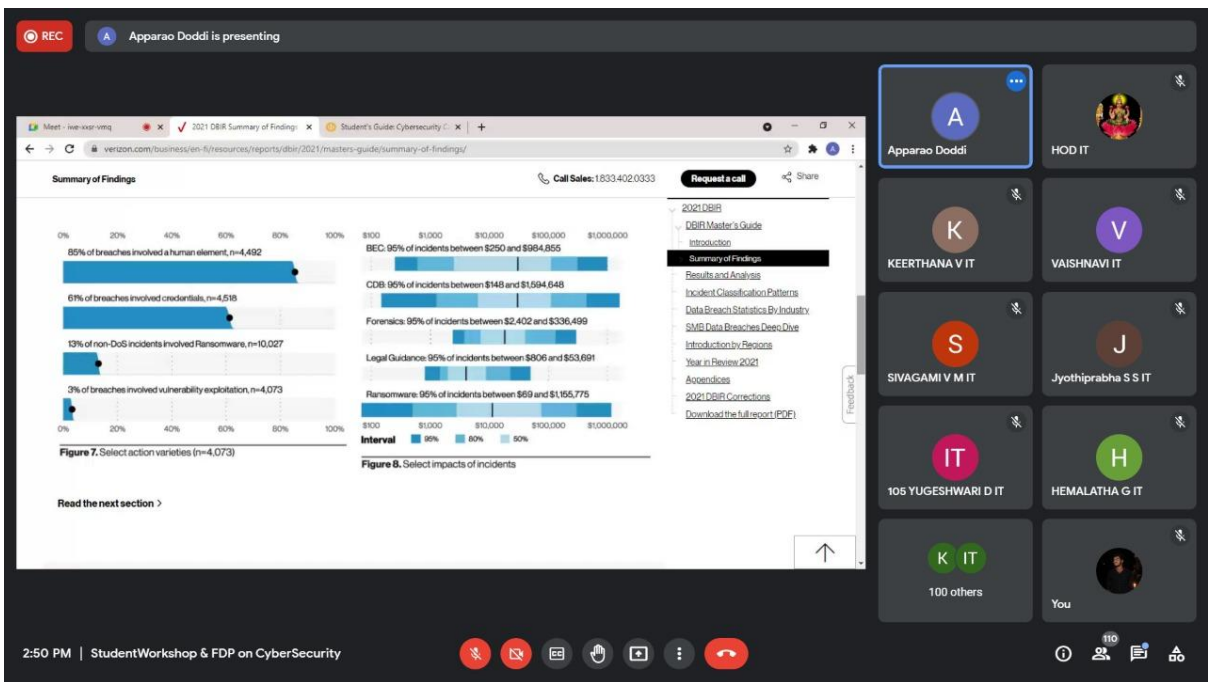
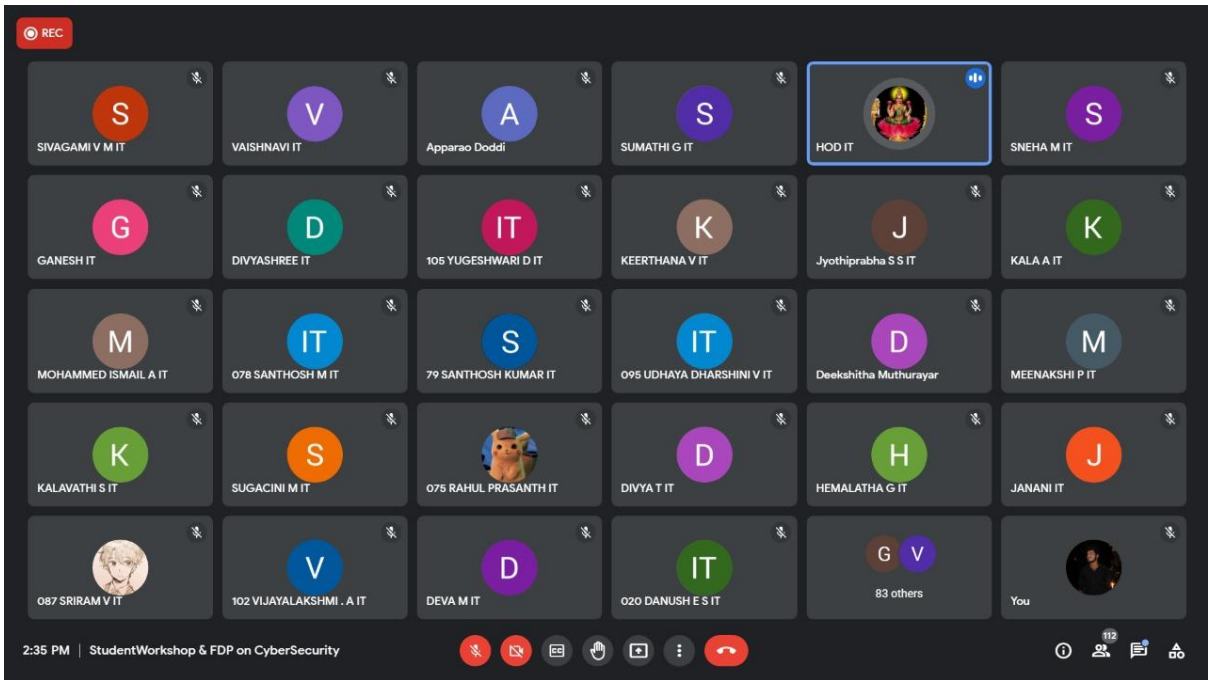
073 SAHANA S IT has left the meeting

2021 DBIR
DBIR Master's Guide
Results and Analysis
Incident Classification Patterns
Data Breach Statistics By Industry
SMB Data Reveals Deep Dive
Introduction by Regions
Year in Review 2021
Appendices
2021 DBIR Corrections
Download the full report (PDF)

3:02 PM | StudentWorkshop & FDP on CyberSecurity

Apparao Doddi, HOD IT, KEERTHANA V IT, VAISHNAVI IT, SIVAGAMI V M IT, Jyothiprabha S S IT, 105 YUGESHWARI D IT, HEMALATHA G IT, 99 others, You





REC Apparao Doddi is presenting

Meet - lwe-xxxx-vmq

2021 DBR Results & Analysis | Student's Guide Cybersecurity

Meet - lwe-xxxx-vmq

You're presenting to everyone

Stop presenting

In-call messages

Messages can only be seen by people in the call and are deleted when the call ends.

HOD IT 2:32 PM
Welcome Mr.Apparao sir

SIVAGAMI V M IT 2:33 PM
Welcome Mr.Apparao Sir

HOD IT 2:34 PM
Very proud to have you as chief guest sir

Shree Ganesh S 2:59 PM
By clicking link
Using 3rd party apps

Send a message to everyone

Apparao Doddi

HOD IT

KEERTHANA V IT

VAISHNAVI IT

SIVAGAMI V M IT

Jyothiprabha S S IT

105 YUGESHWARI D IT

HEMALATHA G IT

102 others

You

3:00 PM | lwe-xxxx-vmq

3:01 PM | StudentWorkshop & FDP on CyberSecurity

REC

In-call messages

Messages can only be seen by people in the call and are deleted when the call ends.

You 3:28 PM
Student's Feedback link
<https://forms.gle/GRCjTIGuXEdt1VJc6>

SIVAGAMI V M IT 3:28 PM
kindly post your feedback

You 3:30 PM
Faculty's Feedback link
https://docs.google.com/forms/d/e/1FAIpQLScrLhB47Ney7_JRDwF0ISwBtz74Fd_8mtjwXX0oXsotzSizg/viewform

SIVAGAMI V M IT 3:30 PM
Request all faculty to post feedback

You 3:31 PM
Student's Kindly fill your feedbacks in the first link.

SIVAGAMI V M IT 3:34 PM
Faculty's Feedback link
https://docs.google.com/forms/d/e/1FAIpQLScrLhB47Ney7_JRDwF0ISwBtz74Fd_8mtjwXX0oXsotzSizg/viewform

Sir, Is White hat hackers and Cyber security experts plays the

SAKTHEESWARI R IT

Apparao Doddi

HOD IT

VAISHNAVI IT

105 YUGESHWARI D IT

HEMALATHA G IT

KEERTHANA V IT

Jyothiprabha S S IT

020 DANUSH E S IT

Praveenkumar V IT

ANISH RAGHAVENDRA IT

BHARATHY IT

Deekshitha Muthurayar

DIVYA T IT

72 others

You

3:47 PM | StudentWorkshop & FDP on CyberSecurity



REC Apparao Doddi is presenting

Meet - iwe-xxxr-vmq

2021 Data Breach Statistics By Industry

verizon.com/business-en-6/resources/reports/dbir/2021/data-breach-statistics-by-industry/

Introduction to industries

This year we looked at 29,207 incidents, which boiled down to 5,258 confirmed data breaches (Table 8458227G). Once again, we break these incidents and breaches into their respective industries to illustrate that all industries are not created equal in terms of attack surfaces and threats. The kind of attacks, the severity, and the industry will have a lot to do with what kinds of infrastructure they rely on, what kind of data they handle, and how people (customers, employees, and everyone else) interact with them.

A large organization whose business model focuses entirely on mobile devices, where customers use an app on their phone, will have different risks than a small mom and pop shop with no internet presence, but who uses a Point of Sale vendor to manage their systems for them. The infrastructure, and conversely the attack surface, largely drives the risk.

While keeping that in mind, we caution our readers not to make inferences about the security posture (or lack thereof) of a particular sector based on how many breaches or incidents that industry reports. These numbers are heavily influenced by several factors, including data breach reporting laws and partner visibility. Because of this, some of the industries have very low numbers, and as with any small sample, we must caution you that our confidence in any statistics derived from that small number must also be less.

As in past years, we have broken down the breaches and incidents by industry in a heat map that categorizes the data into Patterns, Actions and Assets (Figures 95 and 96 respectively). These figures help to answer the "so what?" question in our data, and are useful as indicators of what the attack patterns an organization is most likely to encounter, given their industry. This, paired with the CIS Controls in each industry section, can be a guide for determining how best to mitigate risk.

Incidents	Total	Small (1-1,000)	Large (1,000+)	Unknown	Breaches	Total	Small (1-1,000)	Large (1,000+)	Unknown
Total	29,207	1,032	859	27,351	5,258	263	337	4,655	
Accommodation (72)	69	4	7	58	40	4	7	29	
Administrative (26)	353	8	10	335	19	6	7	6	
Agriculture (1)	31	1	0	30	16	1	0	15	
Construction (23)	27	3	3	21	30	3	2	25	
Education (51)	1,332	22	19	1,291	344	17	13	314	
Entertainment (7)	7,065	6	1	7,058	109	6	1	102	
Finance (20)	721	32	34	655	467	26	14	427	
Healthcare (62)	6,955	45	31	6,779	472	32	19	421	
Information (51)	2,935	44	27	2,864	351	35	21	325	
Management (55)	8	0	0	8	1	0	0	1	
Manufacturing (33)	500	27	25	448	275	41	27	207	

2021 DBIR

- DBIR Overview & Guide
- Results and Analysis
- Product Classification Patterns
- Data Breach Statistics by Industry
- Accommodation / Food Services
- Administrative Data Breaches
- Education / Career / Job Services
- Finance / Services Data Breaches
- Healthcare Data Breaches Security
- Information Technology Data Breaches
- Manufacturing Data Breaches
- Retail / Wholesale Data Breaches
- Professional / Technical / Scientific Services
- Public Administration Data Breaches
- Real Estate Data Breaches Security
- Utilities Data Breaches Data Breaches
- Transportation Data Breaches
- User in Review 2021
- Appendices
- AACSB Accreditation
- Download our DBIR PDF

3:26 PM | StudentWorkshop & FDP on CyberSecurity

Apparao Doddi, HOD IT, VAISHNAVI IT, SIVAGAMI V M IT, 105 YUGESHWARI D IT, HEMALATHA G IT, Jyothiprabha S S IT, KEERTHANA V IT, 86 others, You

REC Apparao Doddi is presenting

Meet - iwe-xxxr-vmq

2021 DBIR Results & Analysis

Student's Guide CyberSecurity

meet.google.com/iwe-xxxr-vmq

You're presenting to everyone

Stop presenting

In-call messages

Messages can only be seen by people in the call and are deleted when the call ends.

HVV H 2:54 PM
Very proud to have you as chief guest sir

Shree Ganesh S 2:59 PM
By clicking link
Using 3rd party apps

081 SHARAN S IT 3:05 PM
Two factor authentication

100_THILAKESH RAJ IT 3:09 PM
me

You 3:09 PM
myself sir

100_THILAKESH RAJ IT 3:09 PM
for seeing map
uber
zomato

100_THILAKESH RAJ IT 3:11 PM
unnecessary

Send a message to everyone

3:11 PM | iwe-xxxr-vmq

Apparao Doddi, HOD IT, VAISHNAVI IT, 105 YUGESHWAR..., SIVAGAMI V M IT, 87 others, You

3:12 PM | StudentWorkshop & FDP on CyberSecurity



Special talk on Cyber Security

The speaker explained about various types of attacks that are possible in digital world and provided an analysis of Actions on evaluating how adapting to life in a pandemic-stricken world has impacted the threat landscape.

StudentWorkshop & FDP on CyberSecurity (2021-10-21 at 02:02 GMT-7)

Figure 19. Ratio of days of High to low detection in honeypot data

Action

Do we have an action packed section for you, folks? Step right up, make room in the back so everyone can see! Figures 20 and 21 will reveal all you need to know about the frequency of Action varieties for the past year. We do not want to divert all of your attention from the brand-new incident patterns. So we saved additional details on how those Actions manifested in the wild for you to dig your teeth into there.

Talking the talk and acting the action

It would be impolite on our part not to address the silent elephantTM in the room, so we have centered this initial analysis of Actions on evaluating how adapting to life in a pandemic-stricken world has impacted the threat landscape. The DBIR team released a COVID-19 Threat Landscape Trends articleTM in the middle of last year, and it is only fair that we revisit how our speculations (see how we scored the word "prediction") fared.

Actor Type	Phishing (Social)	Use of stolen creds (Hacking)	Other	Ransomware (Malware)	DoS (Hacking)	Phishing (Social)	Other	Ransomware (Malware)
Internal	~45%	~15%	~10%	~10%	~10%	~85%	~5%	~10%
External	~45%	~15%	~10%	~10%	~10%	~85%	~5%	~10%

He also added that our External actors are not giving up their close-ups, as they continue year after year to dominate the Actor types in breaches. The Internal type shown here will include breaches in which both Misuse actions and Error actions occurred. As in past years, financially motivated attacks continue to be the most common.

StudentWorkshop & FDP on CyberSecurity (2021-10-21 at 02:02 GMT-7)

The screenshot shows a Verizon DBIR report page. The main heading is "Results and Analysis". Below it, there is a text box stating: "As in past years, financially motivated attacks continue to be the most common (Figure 15), likewise, actors categorized as Organized crime continue to be number one (Figure 16)." There are two line graphs: Figure 14, "Threat actor over time in breaches", and Figure 15, "Top threat actor motive over time in breaches". The graphs show trends from 2016 to 2020. Figure 15 shows "Financial" as the dominant motive, increasing from around 60% in 2016 to over 70% in 2020. Other motives include "Espionage", "Other", and "Multiple". A table below the graphs shows "Organized crime" as the top threat actor category.

Year	Financial	Other	Multiple	Espionage
2016	60%	10%	10%	20%
2017	65%	10%	10%	15%
2018	65%	10%	10%	15%
2019	65%	10%	10%	15%
2020	70%	10%	10%	10%

He then explained about various recent incident classification patterns used by organizations and added that, in some places, nothing has changed and in some places, everything has changed.

StudentWorkshop & FDP on CyberSecurity (2021-10-21 at 02:02 GMT-7)

The screenshot shows a Verizon DBIR report page titled "Incident Classification Patterns Introduction". It includes a table of incident classification patterns. The table lists various categories and their descriptions:

Category	Description
Social Engineering	Psychological compromise of a person, which alters their behavior into taking an action or breaching confidentiality.
Basic Web Application Attacks	Simple web application attacks with a small number of steps/additional actions after the initial web application compromise.
System Intrusion	System intrusion captures the complex attacks that leverage Malware and/or Hacking to achieve their objectives including deploying ransomware.
Miscellaneous Errors	Incidents where unintentional actions directly compromised a security attribute of an information asset. This does not include lost devices, which is grouped with theft instead.
Privilege Misuse	Incidents predominantly driven by unapproved or malicious use of legitimate privileges.
Lost and Stolen Assets	Any incident where an information asset went missing, whether through misplacement or malice.
Denial of Service	Attacks intended to compromise the availability of networks and systems. Includes both network and application layer attacks.

He gave an idea about the requirement and a variety of job roles that are currently available in the field of Cyber security.

StudentWorkshop & FDP on CyberSecurity (2021-10-21 at 02:02 GMT-7)

Press **Esc** to exit full screen

computer.org/publications/tech-news/build-your-career/cybersecurity-career-paths

- Sufficient work experience in cybersecurity with incident detection and response
- Experience with common cybersecurity solutions like firewalls, antivirus, and others
- Basic programming proficiency (Python, C++, Java, Ruby, etc.)
- Ability to work under pressure during the event of an attack

3. Security Architect

A security architect is responsible for designing, building, testing, and implementing security infrastructure and security systems for the organization they work for. A security architect will be required to review current security systems (if any), identify vulnerabilities, and is also responsible for conducting regular system security tests. In the event of cybersecurity breaches, a security architect is also responsible for responding and mitigating the incoming attack while utilizing the designed system.

Responsibilities including:

- An in-depth understanding of the organization's IT infrastructure
- Planning, designing, researching, and implementing security architectures (often organization-wide)
- Developing installation requirements and policies for network devices
- Planning timelines for system updates
- Preparing cost estimates for security system
- Testing, evaluating, and updating the final security system as required

IEEE websites place cookies on your device to give you the best user experience. By using our websites, you agree to the placement of these cookies. To learn more, read our [Privacy Policy](#). Accept & Close



Apparao Doddi

1:05:19 / 1:59:49

