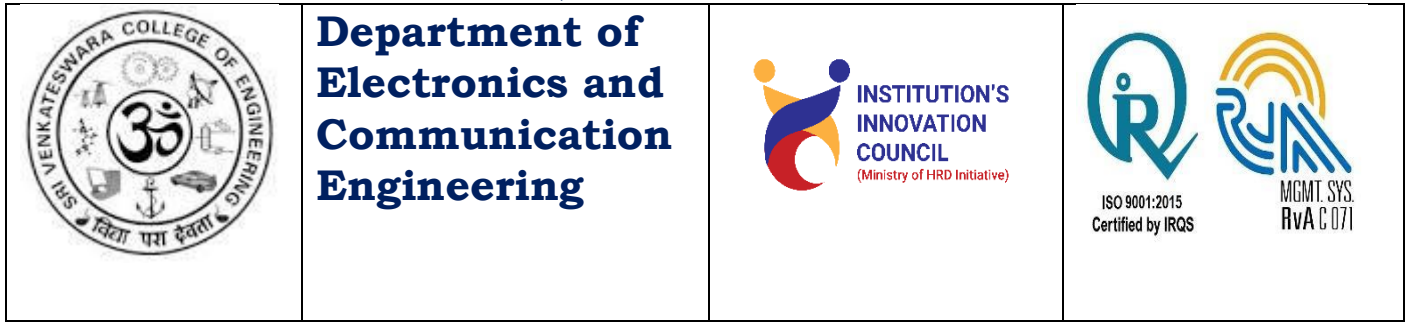


**SRI VENKATESWARA COLLEGE OF ENGINEERING (SVCE)
PENNALUR, SRIPERUMBUDUR-602117**



REPORT ON TECHNICAL TALK “WIRELESS NETWORK SECURITY CHALLENGES AND SOLUTIONS IN THE NEW NORMAL” - DR. VYDEKI, ASSOCIATE PROFESSOR, VIT, CHENNAI

Date: 10/6/2021

Time: 2-3:30PM

Objectives (Maximum 50 words):

To educate students about cyber security – challenges and solutions and various research and career opportunities in network securities.

About the programme (Min 500 words):

The session started with an introduction to cyber security, various malwares, the challenges being faced and solutions for those. Later the speaker gave an insight on network security methods, various attacks & challenges in MANETs. The speaker explained on blackhole attacks and how to overcome those in a better way. Later the session ended up by giving an exploration on various research and career opportunities on network securities. It helped students to acquire knowledge in the domain of networking. Finally, the speaker provides a glance on various software tools being used for network analysis such as Whiteshark, Snort, NS-3, Contiki-Cooja, MATLAB. The webinar proved a very efficient learning platform with enjoyable learning and was a grand success.

Benefits (Maximum 50 words):

It provided learning by giving a brief idea about network securities which would inspire students to explore more about networking – its challenges and solutions. It provided more technical as well an enjoyable learning. Around 75 students from ECE department attended the event and got benefitted.

Prepared by Faculty Name, Designation & Dept.

D.Menaka, Asst.Prof/ECE

Type your text

K.Srividhya,Asst.Prof/ECE



S.Kalyani, Asst.Prof/ECE



L.Anju, Asst.Prof/ECE

HoD, ECE Department-

M.K.Varadarajan, Asst.Prof/ECE

An Autonomous Institution – Affiliated to Anna University, Pennalur, Sriperumbudur Tk. – 602117, Tamil Nadu

Department of Electronics and Communication Engineering

Cordially invites you for a **Webinar** on

Wireless Network security challenges and solutions In the New Normal

Join us on Thursday, June 10th, 2021

from 2:00 PM to 3:30 PM

Register : <https://forms.gle/rZp8UGRFKy1hdCWF7>

Webinar Meet link : <https://meet.google.com/adz-xesf-kht>

✓ **Target audience : Faculty and Students**



*Dr.D.Vydeki,
Associate Professor,
VIT Chennai.*



Convenor :

Dr.S.Muthukumar , HOD- ECE

Organising Team:

Ms.D.Menaka

Ms.K.Srividhya

Ms.S.Kalyani

Ms.L.Anju

Mr.M.K.Varadarajan



➤ **E- certificate will be provided**

Browser tabs: Fwd: send me the report i have t... Wireless webinar by Dr Vyd...
Address bar: https://drive.google.com/drive/folders/1U3loTNjCKm5QJK9xmLjZASufhNJTomw

File name: adz-xesf-kht (2021-06-10 at 01:37 GMT-7)

BigBasket user data for sale online

Date: October 2020

Impact: 20 million user accounts

Details: User data from online grocery platform BigBasket is for sale in an online cybercrime market, according to Atlanta-based cyber intelligence firm Cyble.

Part of a database containing the personal information of close to 20 million users was available with a price tag of 3 million rupees (\$40,000), Cyble said on November 7.

The data comprised names, email IDs, password hashes, PINs, mobile numbers, addresses, dates of birth, locations, and IP addresses. Cyble said it found the data on October 30, and after comparing it with BigBasket users' information to validate it, reported the apparent breach to BigBasket on November 1.

Unacademy learns lesson about security

Date: May 2020

Impact: 22 million user accounts

30°C Mostly cloudy

Search

ENG IN 13:34 13-12-2022

Browser tabs: Fwd: send me the report i have t... Wireless webinar by Dr Vyd...
Address bar: https://drive.google.com/drive/folders/1U3loTNjCKm5QJK9xmLjZASufhNJTomw

File name: adz-xesf-kht (2021-06-10 at 01:37 GMT-7)

Cyber Security (Information Security): Challenges & Solutions

Challenges C.I.A.T.T.I.A

- Confidentiality
- Integrity
- Avalability

Solutions

- Encryption, ACL, authentication procedures, Hash, firewall

12
www.fpgg.in

30°C Mostly cloudy

Search

ENG IN 13:34 13-12-2022

Wireless webinar by Dr Vydeki

https://drive.google.com/drive/folders/1U3loTNiCKm5QJK9xnLjZASufhNjTomw

Blackhole Attack

Reactive
Do DV

DATA DROPPED

Blackhole (M)

Source (D)

RREP

DATA

Sink (C)

18

www.fgpi.info

30°C Mostly cloudy

Wireless webinar by Dr Vydeki

https://drive.google.com/drive/folders/1U3loTNiCKm5QJK9xnLjZASufhNjTomw

Research Opportunities

- [Wireless Network & Cyber Security Lab, University of Arizona](#)
- [University of Sydney](#)
- [AUT, New Zealand](#)
- [University of Queensland, Australia](#)

23

www.fgpi.info

30°C Mostly cloudy

Wireless webinar by Dr Vydeki

https://drive.google.com/drive/folders/1U3loTNiCKm5QJK9xnLjZASufhNjTomw

Career Opportunities

Cyber Security Analyst

N/w Security Engineer

Security Architect

Cyber Security Manager

Chief Information Security Officer

24

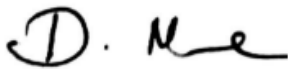
www.fgpi.info

30°C Mostly cloudy

Webinar on Wireless Network security challenges and solutions In the New Norma

S.no	Name of the Student	Email Address
1	Jeevaprasad P	2018ece0407@svce.ac.in
2	R.Gayathri	rgayathri1406@gmail.com
3	RAKESH VELAVALURI	rakeshvelavaluri@gmail.com
4	Tejaswath	darksun1310@gmail.com
5	Sudharsana.S	sudhar.sana39@gmail.com
6	Sankara Narayanan.B	2019ec0099@svce.ac.in
7	HARI PRASANNA T R	hariprasanna2001@gmail.com
8	Mukesh Kumar	mukeshsvce6@gmail.com
9	FIONA J P J	fionajustin1703@gmail.com
10	SRIBALAJY N S	2019ec0167@svce.ac.in
11	Saranyaa	mmksp1995@yahoo.co.in
12	Pavithra S	Pavi191101@gmail.com
13	AMALAN VALLIAPPAN M P	amalanvalliappan@gmail.com
14	VISHNUVARADHAN M	vishm2000@gmail.com
15	H TAMIL SELVAN	tamilselvanh361@gmail.com
16	Karthik Rajagopal	2019ec0003@svce.ac.in
17	SATHYA.B	seshasathya01@gmail.com
18	D. ARVIND	arvinddurai303@gmail.com
19	JEGAN K	jegan1620@gmail.com
20	BUVANESH S	buvanesh495@gmail.com
21	Aarshik B	aarshikbalaji2605@gmail.com
22	Mr. P. ARUL	arulp@svce.ac.in
23	Harini.M	harinimaran19@gmail.com
24	Revilla Jyosthna	sweety.revilla@gmail.com
25	S.Haripriya	shanmugamharipriya05@gmail.com
26	YUKESH ADITIYA.P.S	yukeshaditiya@gmail.com
27	BOOMICA P	boomica023@gmail.com
28	Ganesh B	ganeshjagadeesh822@gmail.com
29	S.Hashini	hashinisridhar@gmail.com
30	Srimathi. S	srinathi1930217@gmail.com
31	A. Shalini	shalinianbuselvam@gmail.com
32	Harshalekha. R	hachu315@gmail.com
33	Abirami K	abhirami.k2000@gmail.com
34	Radha G	radhagunase@gmail.com
35	Keerthana. G	gunasekaran.keerthana@gmail.com
36	keerthana.B	baabukeerthana@gmail.com
37	JERUSHA G	jeru1369@gmail.com
38	A.Subha Priya	subhaalagiri05@gmail.com
39	Sushmitha S R	srsushmi19@gmail.com
40	N.Sathish	sathishn@svce.ac.in
41	kanishka	kanishkachandran4@gmail.com
42	B.Kamalakannan	blkannan2001@gmail.com
43	Vignesh.T J	idealbodys@gmail.com
44	R.Aswine	aswiner0912@gmail.com
45	ABIRAMI ECE	2018ece0681@svce.ac.in
46	SATHYA ECE	2018ece0172@svce.ac.in

47	SUWETHA ECE	2018ece0114@svce.ac.in
48	BALAJI S ECE	2018ece0189@svce.ac.in
49	ADITYA ECE	2018ece0746@svce.ac.in
50	KALYANI S ECE	kalyani@svce.ac.in
51	KAMALAKANNAN ECE	2018ece0129@svce.ac.in
52	BOOMICA ECE	2018ece0109@svce.ac.in
53	DEEPAK SHIVAVEL ECE	2018ece0684@svce.ac.in
54	POOJA R EC	2018ec0965@svce.ac.in
55	KAVITHA ECE	2018ece0846@svce.ac.in
56	AARSHIK ECE	2018ece0743@svce.ac.in
57	ARUN SUBBIAH ECE	2018ece0758@svce.ac.in
58	VINDHIYA ECE	2018ece0106@svce.ac.in
59	HARSHITHAH ECE	2018ece0151@svce.ac.in
60	L.Anju ECE	anju@svce.ac.in



SIGNATURE OF THE ORGANISER



SIGNATURE OF HOD/ECE