

BLDE Association's
S B Arts and K C P Science College,
Vijayapur.


Department of M.Sc.Computer Science

Date: 19/11/2021

NOTICE

It is hereby inform to all the M.Sc(CS)- III Semester students to attend Webinar on 20-11-2021 at 9:30am in M.Sc. CS Lab.

Topic: "Cyber Security and Compliance with UBUNTU".


Co-ordinator
M.Sc. (C.S.) Programme
S.B.Arts & K.C.P.Science College,
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BLDEA's
S B Arts and K C P Science College, Vijayapur.
Department of M.Sc. (Computer Science)

A WEBINAR REPORT

ON

Cybersecurity & Compliance with Ubuntu

Time: 9:30 to 10:30

Date:19/11/2021

Title: Cybersecurity & Compliance with Ubuntu

Cybersecurity's state of affairs today can be described as too complex. The average IT team faces an enormous number of threats, ranging from "social engineering" attacks to the exploitation of obscure software vulnerabilities. At the same time, the result of data breaches can be severe: operations were disrupted in a pipeline company, while a telecommunications company hack exposed the private data of 50 million customers. Regulators and customers expect more, and sectors that manage critical infrastructure such as healthcare, banking, digital infrastructure and services, water supply, energy, and several others are held to high security standards. The EU's NIS2 directive, or the US' executive order on cybersecurity demonstrate that the direction is clear. Critical infrastructure needs to be deployed and maintained securely for its lifetime, and Canonical's Ubuntu is well positioned to provide the foundation of a successful cybersecurity program.

This webinar:

- Provides an introduction to cybersecurity and zero trust.
- Highlight the common challenges faced in the implementation of cybersecurity programs, including challenges in vulnerability management, secure configuration of software and defenses against malware.
- Discuss how Canonical and Ubuntu can help manage these challenges and lay the foundation of a successful cybersecurity program. Presented by Nikos Mavrogiannopoulos, PhD, Product Manager; Lech Sandecki, Product Manager; Jonathan Sackett, Engineering Manager.

Presentation

preview:

Roadmap

- Why are we discussing cybersecurity?
 - Regulations / Critical infrastructure
 - What is cybersecurity?
 - Challenges in improving cybersecurity
 - Benefits of improving cybersecurity
 - How Canonical and Ubuntu can help
-

Why are we discussing cybersecurity?

- Regulation
 - **EU** with NIS/NIS2, cybersecurity act, Healthcare, Banking, Digital infrastructure & services, Water supply, Energy
 - **US** with NIST cybersecurity framework, executive order, state regulations
 - <https://www.fishbase.org/news/2022/02/01/2022-02-01-01>
- Self-regulation (market pressure)
 - Companies see the need to secure their supply chains and infrastructure
 - *Solarwinds supply chain breakage* - *ransomware* - *attack disrupted operations* - *follow their clients' footsteps* - *protect their customers*
 - Companies that take extra cybersecurity steps reduce their risk of getting hacked

• Threats in IT systems

- Social engineering / credentials
- Misconfigurations
- Malware
- Vulnerability exploitations

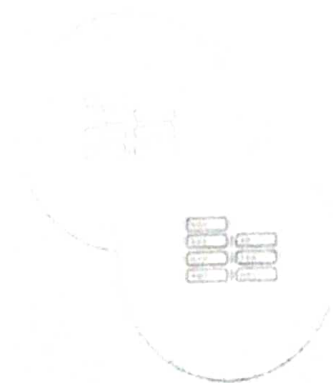
Figure 13 Top 10 IT Security Breach Incidents in 2020



* Verizon Data breach investigations report 2021

From perimeter to zero trust

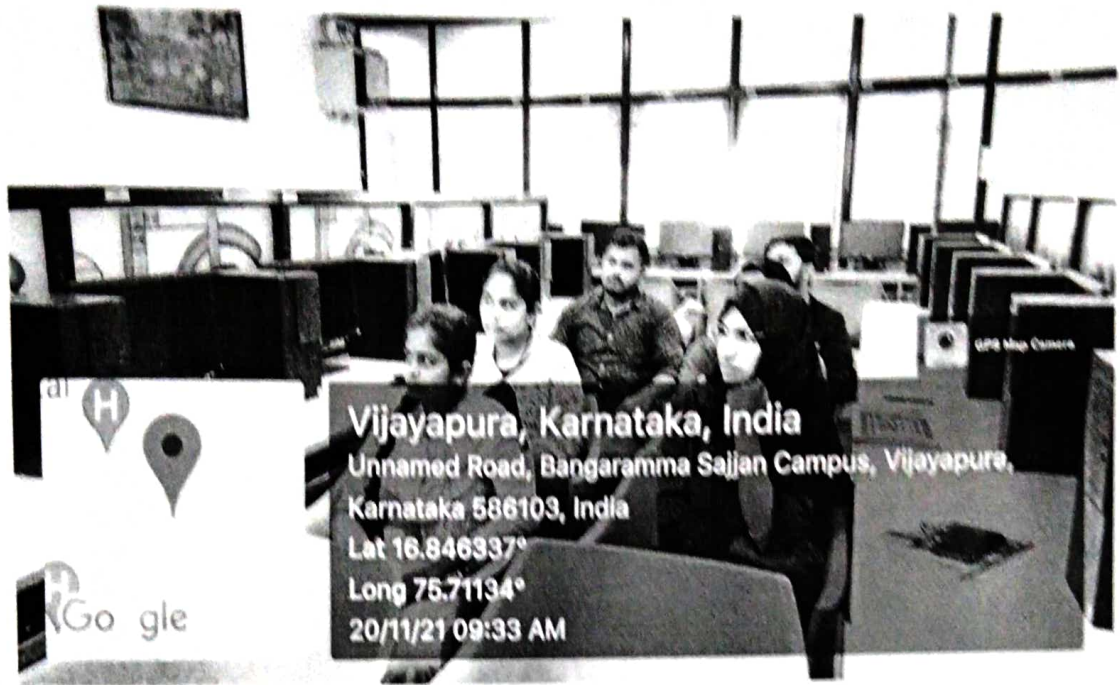
Data Centers perimeter

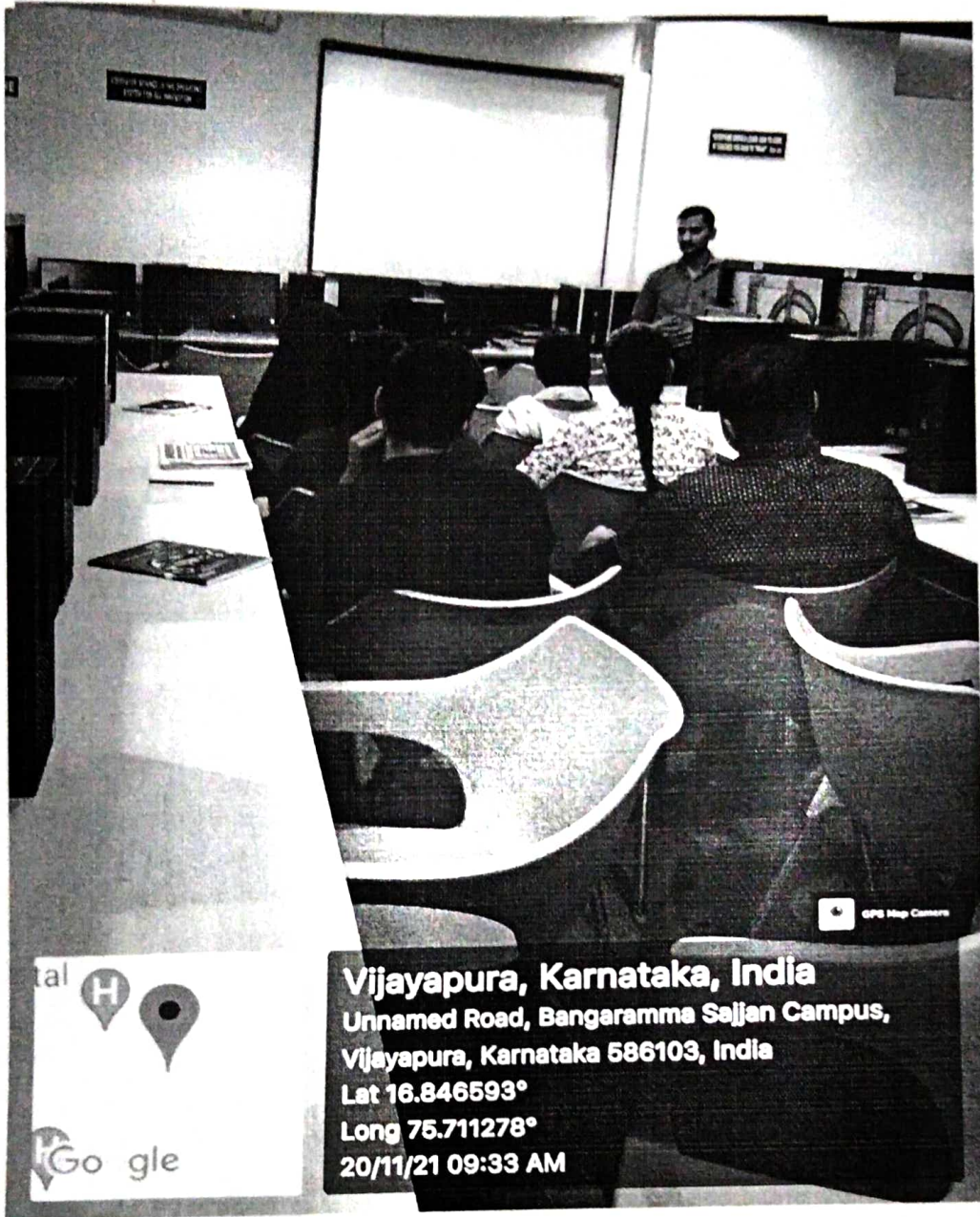


11:14 / 13:00

time

Session Snap:





Vijayapura, Karnataka, India
Unnamed Road, Bangaramma Sajjan Campus,
Vijayapura, Karnataka 586103, India
Lat 16.846593°
Long 75.711278°
20/11/21 09:33 AM

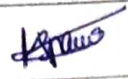
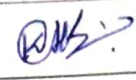

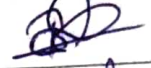
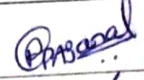


GPS Map Camera

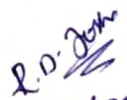
BLDEA's
S B Arts & K C P Science College, Vijayapur
Department of M.Sc Computer Science
2020-21

Subject: Webinar on ""Cyber Security and Compliance with UBUNTU".

Sem: III

Date: 20-11-2021

S.No	USN	Name of the Candidate	Signature
1	CS201201	ANNAPURNA VASEDAR	
2	CS201202	KARTHIK S PAWAR	
3	CS201203	KESHAV KULKARNI	
4	CS201204	PADMA KULKARNI	
5	CS201205	PRASAD S MERWADE	
6	CS201206	PREEYANKA PAJANAL	
7	CS201207	SABIHA KERUR	
8	CS201208	SHARADA HAKKAPAKKI	


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