



# SVCE

Sri Venkateswara  
College of  
Engineering

SVCE IQAC  
Consciousness for Quality

## *A Reflection Report*

**Workshop On**

*Innovative Mindset using  
Robotics and Cyber Security*

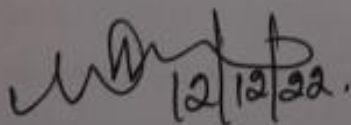
**Organized by**

**Department of Computer Science and Engineering**

**15<sup>th</sup> & 16<sup>th</sup> November 2022**

*Co-ordinators*

Forwarded to  
Principal:

  
12/12/22.

**Ms.A.Ajoe Sweetlin Jeena AP/CSE**

**Ms.P.Uma AP/CSE**

**Ms.Shobanjali P Nair AP/CSE**

**Dr.S.D.Nandakumar AP/CSE**

To: HOD-CSE  
Noted  
26  
13/12



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## SRI VENKATESWARA COLLEGE OF ENGINEERING

An Autonomous Institution-Affiliated to Anna University Pennalur,  
Sriperumbudur 602 117.

Department of Computer Science and Engineering

### Workshop on Innovative Mindset using Robotics and Cyber Security

BY

Mr Harish Rammohan,  
Quality Assurance Engineer,  
Mando, Detroit, US.

Dr Ezhilvanan B,  
Founder & CEO,  
VEI Technologies Pvt Ltd.,  
Chennai.

Date:15-11-22

Time:3.00pm-4.00pm

Date:16-11-22

Time:6.00pm -7.00pm

#### Convener

Dr. R. Anitha  
Prof & Head /CSE

#### Co-ordinators

Ms.A.Ajoe Sweetlin Jeena AP/CSE

Ms.P.Uma P AP/CSE

Ms. Shobanjali P Nair AP/CSE

Dr.S.D.Nandakumar AP/CSE



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**SRI VENKATESWARA COLLEGE OF ENGINEERING**  
An Autonomous Institution-Affiliated to Anna University Pennalur,  
Sriperumbudur 602 117

**Department of Computer Science and Engineering**

November 07, 2022.

Submitted to HOD / CSE:

Dear Madam,

**Sub:** Requisition to conduct a Workshop on Innovative Minds Using Robotics & Cyber Security - reg.

On behalf of the Department of Computer Science and Engineering, we would like to organize a Workshop on "Innovative Minds Using Robotics & Cyber Security" on 15<sup>th</sup> and 16<sup>th</sup>, November, 2022. The aim of this event is to give the idea of robotics designing and insight into cyber security. The major focus is to discuss about the security in robotics design.

The resource person for Workshop is as follows:

Date :15-11-22

**Mr Harish Rammohan,**  
Quality Assurance Engineer,  
Mando, Detroit, US.

Date :16-11-22

**Dr Ezhilvanan B,**  
Founder & CEO,  
VEI Technologies Pvt Ltd.,  
Chennai.

As Robotics is the latest technology it will be helpful for the faculty and student community in the near future, kindly grant permission to organize the event. Kindly consider and do the needful.

Co-ordinators

Ms.A.Ajoe Sweetlin Jeena AP/CSE *Ajoe*  
Ms.P.Uma AP/CSE *Uma*  
Ms.Shobanjali P Nair AP/CSE *Shobanjali*  
Dr.S.D.Nandakumar AP/CSE *S.D.N.*

*[Signature]*  
7/11/22  
HOD/CSE



## Report

### Workshop on "Innovative Minds Using Robotics & Cyber Security"

07/12/2022

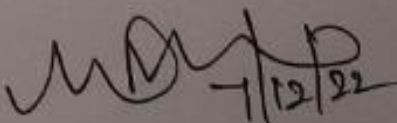
A webinar started with the welcome address by Dr.R.Anitha, HOD / CSE and Ms.A.Ajoe Sweetlin Jeena introduced the speaker of the event.

Mr Harish Rammohan gave an insight on real time ideas of robotics designing. He explained on where all robotics is required and how it will make things very easy to handle and complete faster. Different fields where prominently robotics used. A real time scenario where robotics play a major role and how to designing a robot based on the field it required.

On the second day of the workshop the insight was on security threats related to designing robotics and how to overcome the issues and threats related to all those. Also different malwares and software involved in the security process is discussed by speaker of the day Dr Ezhilvanan B. The session also covered some ideas on robotics security threats while designing.

Participants raised queries on how to design robotics and on how to overcome security threats in designing robotics. The speaker clarified all the queries raised in the Q&A session.

Finally, HOD / CSE thanked the speakers for sparing their valuable time for the event. Vote of thanks given by Ms.A.Ajoe Sweetlin Jeena AP/CSE.

  
7/12/22



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## Speaker Profile



Mr. Harish Rammohan B.E., M.S., is currently working as Quality Assurance Engineer at Mando – Tesla Power Steering Program in Detroit, Michigan(US). He was graduated from St. Joseph's College of Engineering, Chennai and did his Master of Science in Electrical Engineering from Illinois Technology.

He conducts technical discussions with Engineers who report to Elon Musk.

He was also awarded *Engineering Excellence Award* from Indian National Academy of Engineering 2014.

Won 60+ National and Regional Robotics competitions from various institutions like IIT, NIT, Anna University, SRM University and Robo Championship League.

He is also a *certified Life coach* and provides mentorship to several college graduates.

He has Spear-headed Career program for recent college start ups such as Ather e-bikes, Pi Beam labs and Lexas instrument in US.



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## Speaker Profile



Mr. B. Ezhilavan (VEI Technologies) was awarded with a doctorate by GLOBAL PEACE UNIVERSITY (GAF, USA) on 2<sup>nd</sup> Oct 2018 for doing enormous social activities by VEI Technologies during the period of 2012 -2018. He is a MBA(HR and Marketing) graduate from Annamalai University, Chidambaram and also completed his B.E., CSE from Adhiparasakthi Engineering College, Chennai.

### About VEI TECHNOLOGIES

VEI TECHNOLOGIES provide a broad range of IT consulting, web applications and outsourcing services through an optimized technique. It focuses on delivering business solution by modernizing, consolidating the critical applications that support our clients business processes. We serve industry leaders as they need to improve their customers experience, expand market reach, and improve time to market and lower costs through optimized global delivery model. We have highly professional and dedicated workers. They ensure timely completion of our projects.

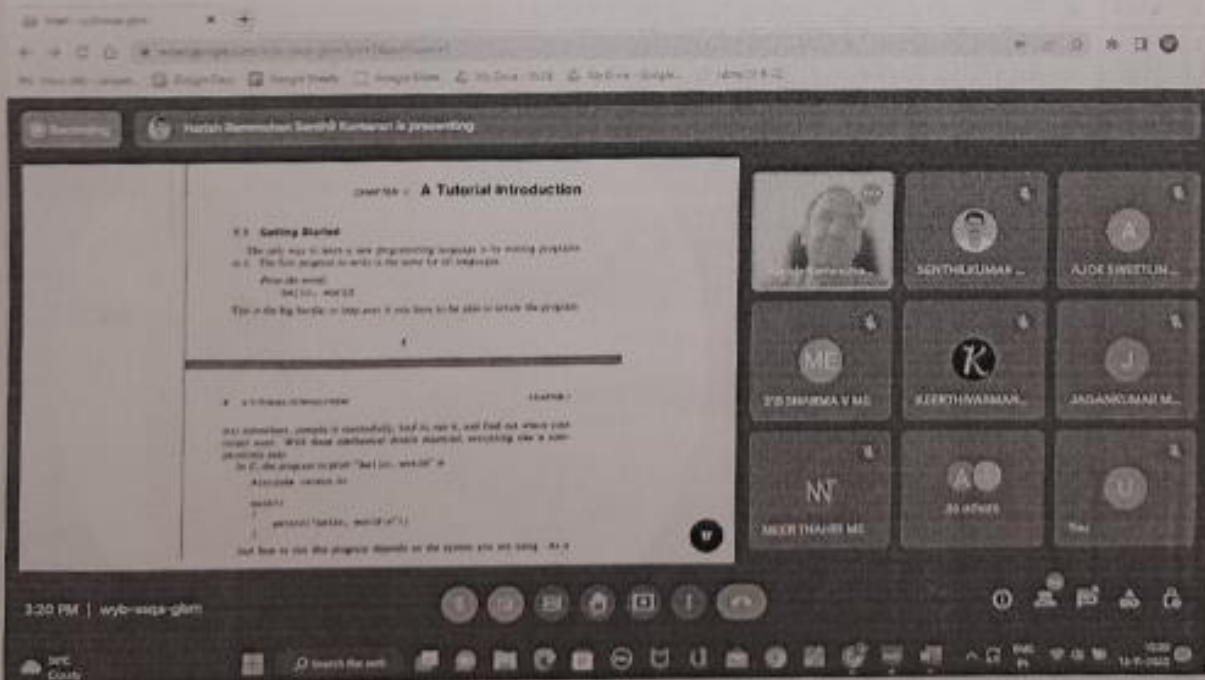
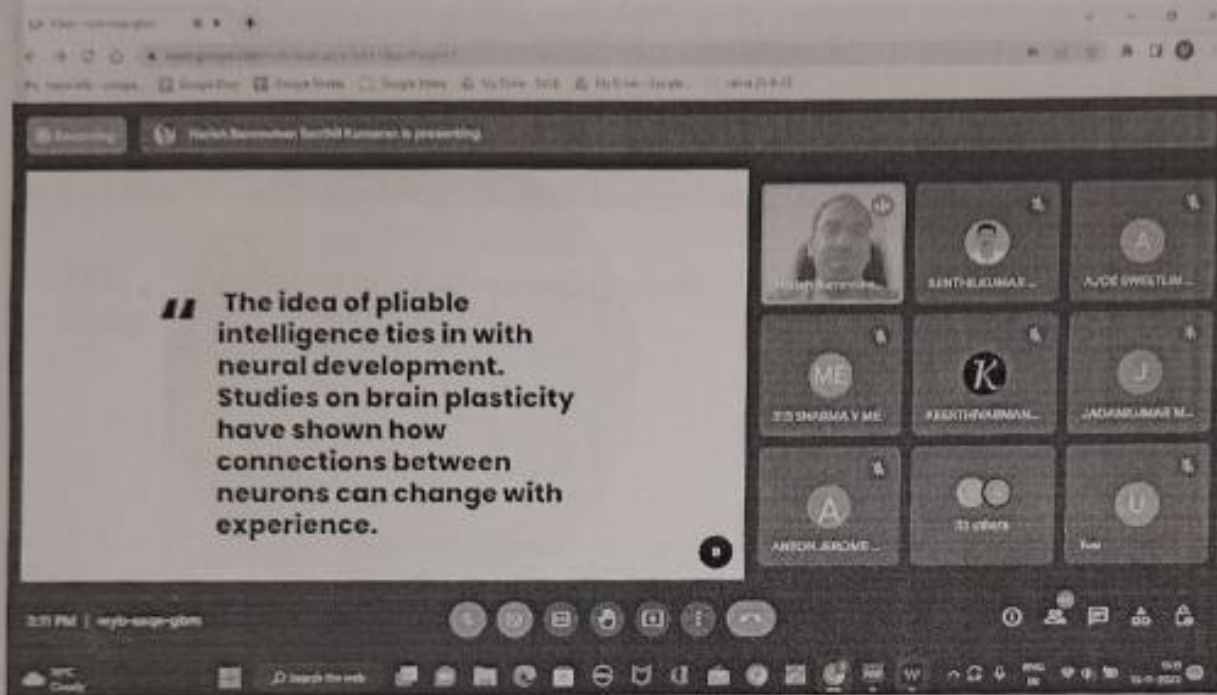


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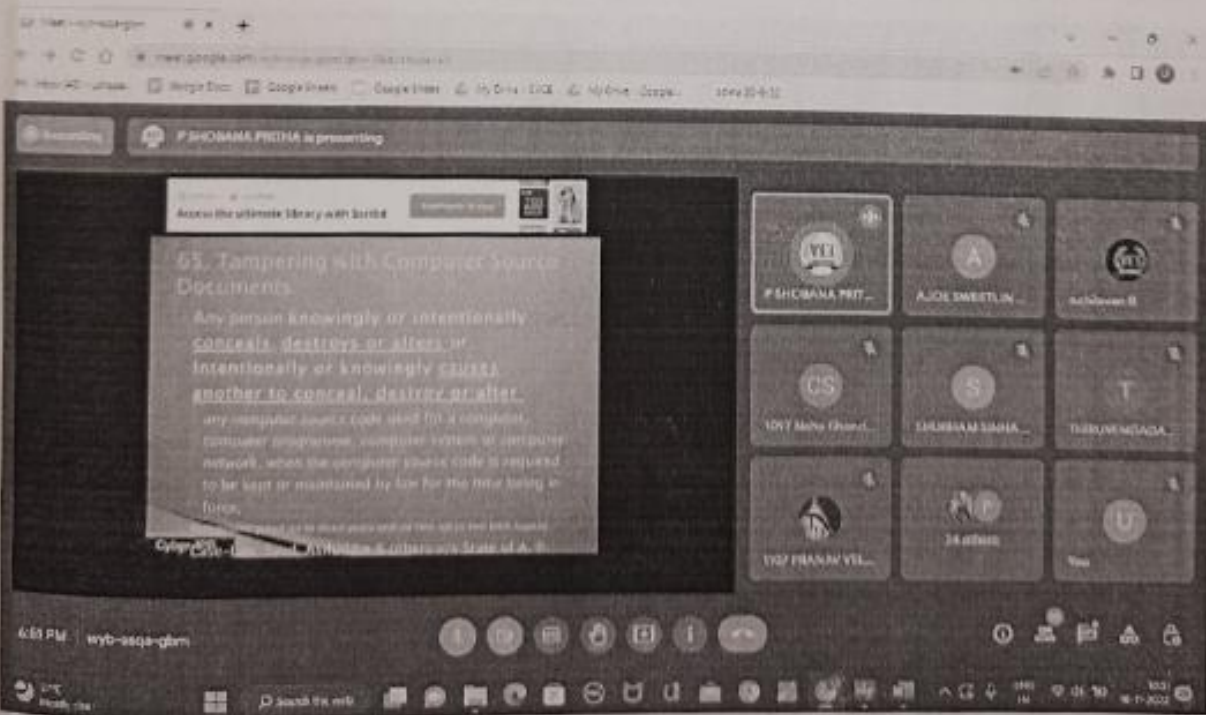
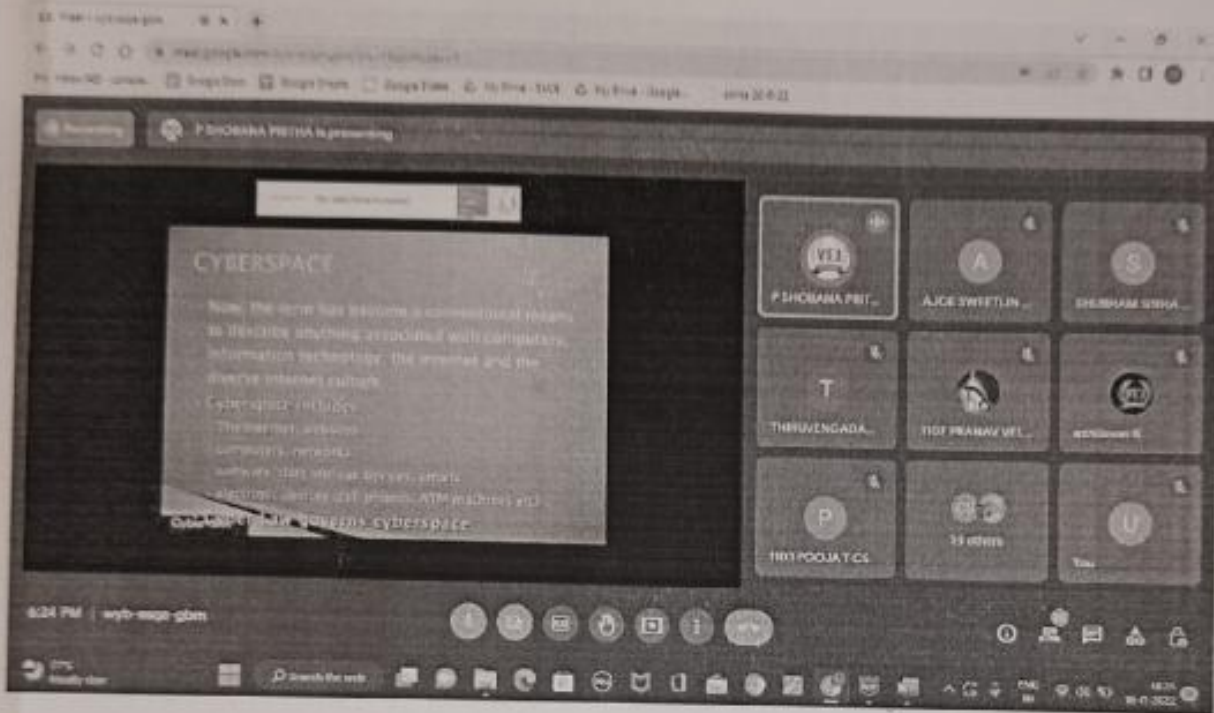
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## Screenshots(15-11-22)





## Screenshots(15-11-22)







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## Sample Certificate



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### The Certificate of Participation

This is to certify that Ms. NEHA BENDE of Sri Venkateswara College of Engineering has participated in the Two Day Workshop on "Innovative Mindset Using Robotics & Cyber Security" organized by the Department of Computer Science and Engineering, Sri Venkateswara College of Engineering held on 15<sup>th</sup> NOV 2022 to 16<sup>th</sup> NOV 2022

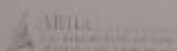
Dr. R. Anitha  
HOD/CSE-CONVENOR

Dr. S. Ganesh Vaidyanathan  
Principal



nir

Top Ranked Affiliated  
Institution in Tamil Nadu



5/5 Star Rated  
Innovation Cell



Certified Organization



Accreditations



## Objective:

The objective of this workshop is to give the idea for looking at security risks in the field of designing robotics and exploring security issues and methods to overcome the threats.

## About the Programme:

This Workshop aims to stimulate the need of Security Concerns in Robotics designing among the teachers, research scholar from different parts of the country. The motivation to promote the ideas in designing robotics and the security issues related to designing one.

## Benefits:

After participating in the workshop, the participants can be able:

- To get an overview of real time robotics designing.
- To know about security issues in designing robotics.
- To know the career aspects in near future.
- To know about the importance of security threats in robotics designing.

Prepared by (Coordinators)

Ms.A.Ajoe Sweetlin Jeena AP / CSE

Ms.P.Uma AP / CSE

Ms Shobhanjaly P Nair AP / CSE

Dr.S.D.Nandakumar AP / CSE

HOD/CSE

Dr.R.Anitha