NEW HORIZON
COLLEGE OF ENGINEERING
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade, Accredited by NBA

REPORT EXPERT TALK

ORGANIZED BY: DEPARTMENT OF MCA

SECURE ACCESS SERVICE EDGE

(12th December 2022)

Date: 12th December 2022

Timing: 10:00 a.m. to 1:00 p.m.

Organised by: MCA Department

Faculty Programme Co-ordinator: Prof. Binju Saju, Sr. Assistant Professor, Department of MCA, New Horizon College of Engineering, Bengaluru.

Convenor: Dr. V. Asha, Professor, Department of MCA, New Horizon College of Engineering, Bengaluru.

Participants: III Sem MCA Students

No. of participants: 65

Details of the Resource Persons:

Mr. Vasanthram S,
Sr. Engineering Program Manager,
Aryaka, Bengaluru

Poster:

Profile of the Expert:

He is Program Manager with 12+ years experience of handling geographically distributed Engineering programs relating to 3G, 4G, 5G and Network Security applications deployed on On Premise, Cloud and Hybrid Cloud infrastructure. He has elivered leadership in setting up program framework and PMO, managing software releases, operations & business processes from small size to MNCs. Successful in ensuring career progression and training teams to adopt Agile Scrum methodology. He is a Certified Scrum Master (CSM) and Certified SAFe Release Train Engineer (RTE) with deep knowledge of applying and transitioning to agile mindset within SAFe framework for incremental product development and scale to portfolio levels. Certified Business Development Manager by TMFORUM for implementing the best practices of Management of people.

Objective:

The objective of the sessions is to give an insight on security relates aspects in the field of Computer Vision.

Content:

- Introduction to Security
- Security related applications of Computer Vision
- Security based jobs in the Industry

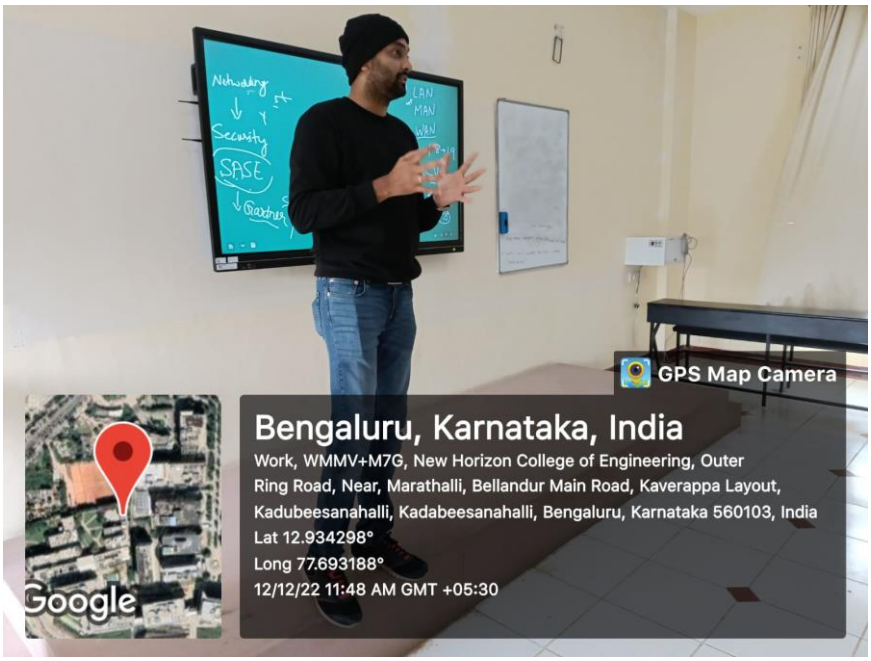
Summary of Content:

Computer vision plays a significant role in a wide range of homeland security applications. The homeland security applications include: port security (cargo inspection), facility security (embassy, power plant, bank), and surveillance (military or civilian), et cetera. Video surveillance cameras are placed in offices, hospitals, banks, ports, parking lots, parks, stadiums, malls, train stations, airports, et cetera.

The challenge is not for acquiring surveillance data from these video cameras, but for identifying what is valuable, what can be ignored, and what demands immediate attention. Computer vision systems attempt to construct meaningful and explicit descriptions of the environment or scene captured in an image. A few Computer Vision based security applications are presented here for securing building facility, railroad (Objects on railroad, and red signal detection), and roads

In the second half, various job opportunities related to security in the real world as well as recent trends in the industry.

Snapshot from the session:



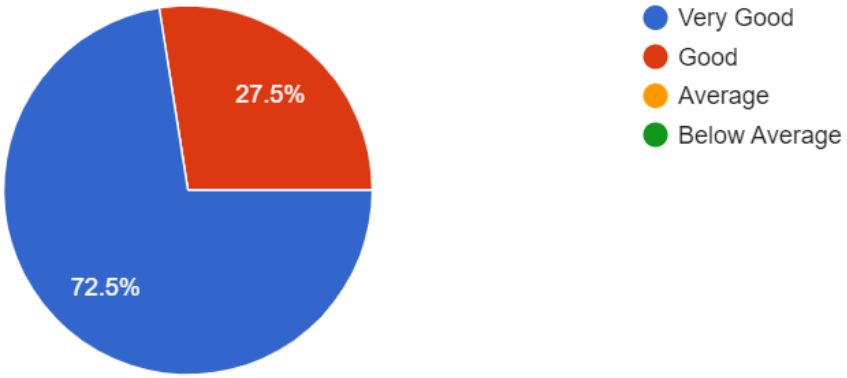
Outcome:

By the end of the talk, the participants learnt the details of security based applications of computer vision algorithm.

Attendance and Feedback

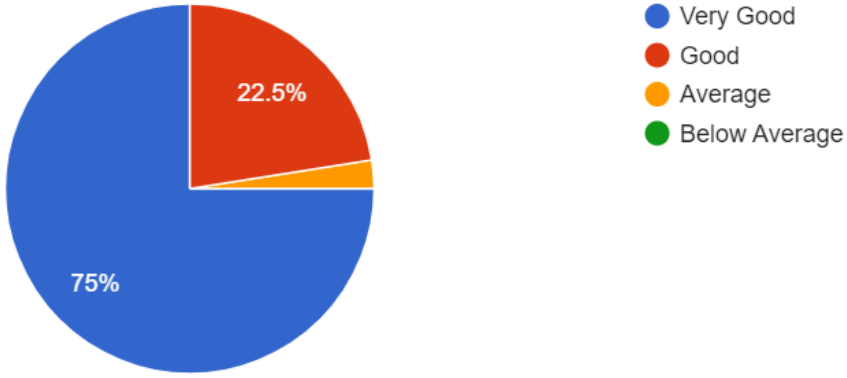
Quality of the training content

40 responses



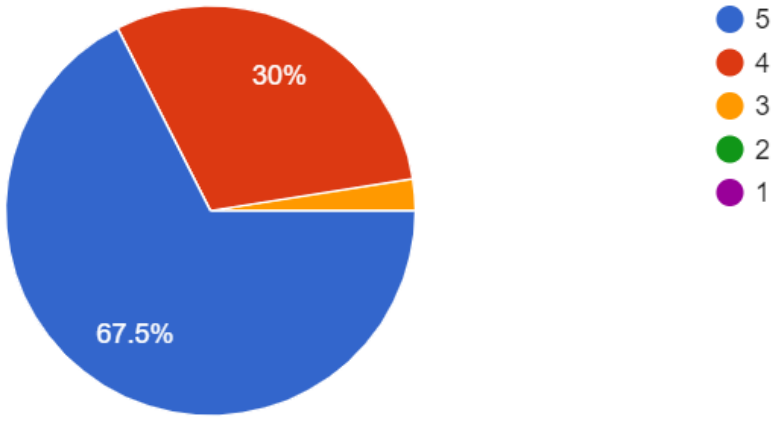
Clarity of the presentation

40 responses



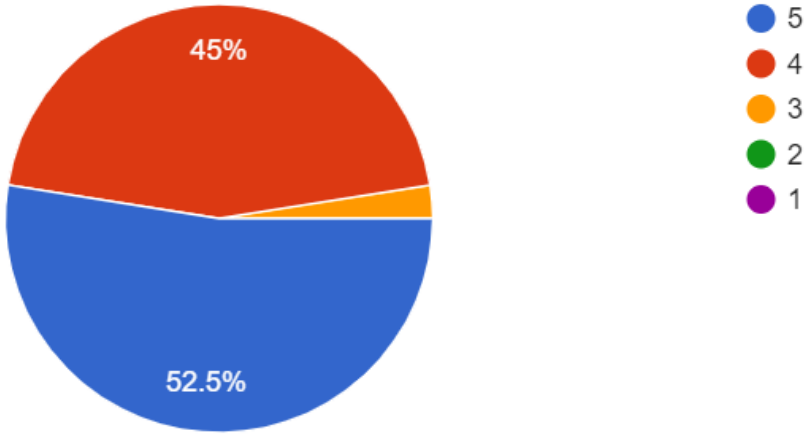
Effectiveness on topics depicted during training

40 responses



Level of learning

40 responses



Prof. Binju Saju
Coordinator

Dr. V. Asha
Convenor