Report of

RECENT TRENDS IN MOVING OBJECTS DETECTION SCHEMES

Organized by

IEEE Student Branch, KSSEM

In association with IEEE Bangalore section

KSSEM

IEEE
Advancing Technology for Humanity

Event name: "Recent trends in moving objects detection schemes"

Date of event: 4th of February 2022

No of participants:100

Targeted audience: Students of ECE branch

Webinar on Recent trends in moving objects detection schemes was exclusively held for the students of ECE department.

Despite the State of the art results produced by existing object detection method, there are limitations like. Computational burden, holes in foreground, false positive pixels from the background.

To design and implement low complexity alogorithms for electecting moving objects from video sequences under the Common Challenges camera gitter bad weather, dynamic background, Shadow and noisy environment.

A new formulation is done to detect moving objects from video sequences based on Robust principle component. Analysis principle by adopting the regularization of total variation harm using algorithm a convergent conven optimization.

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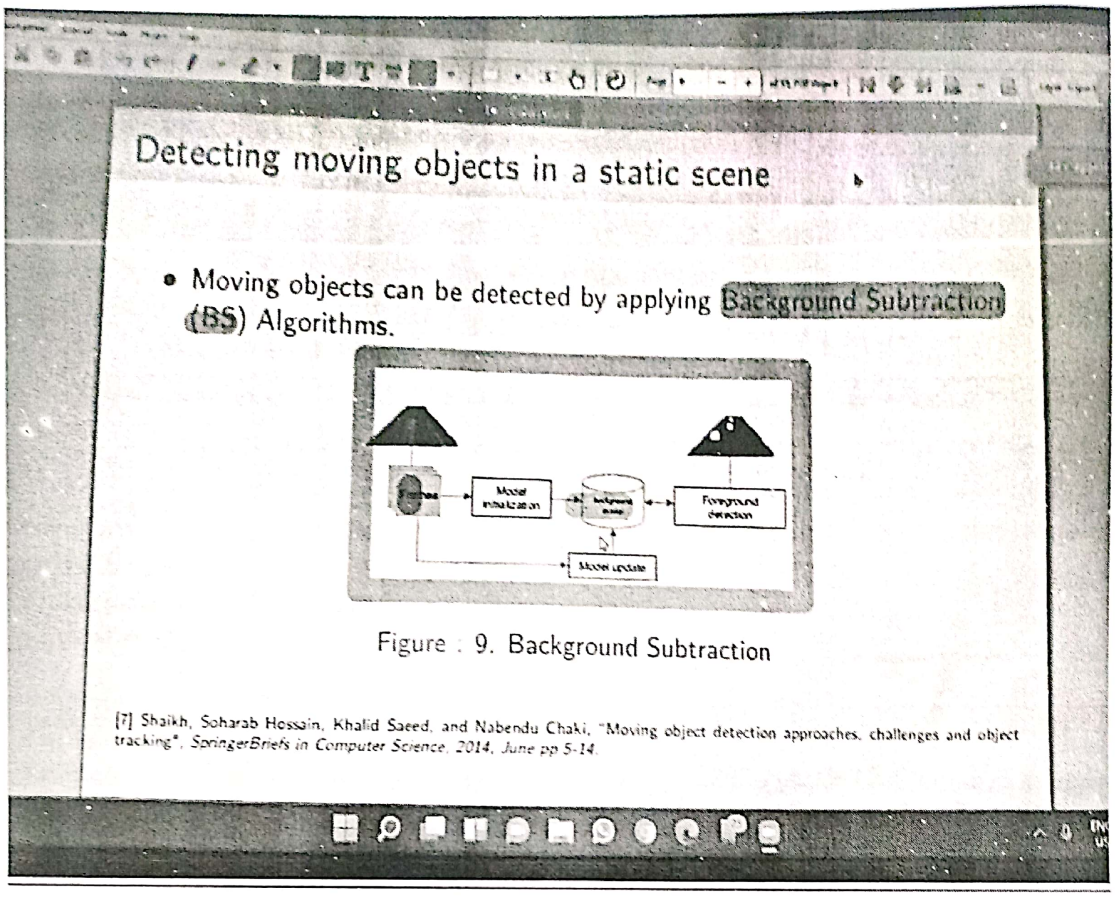
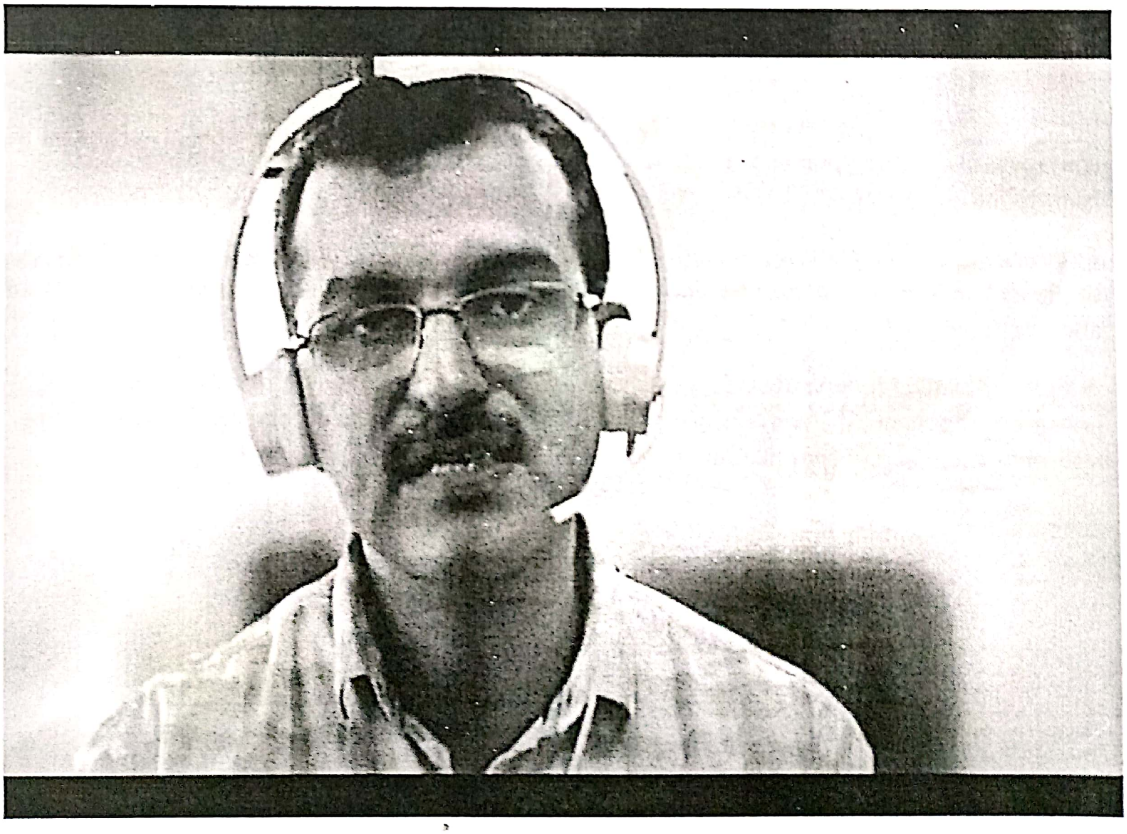
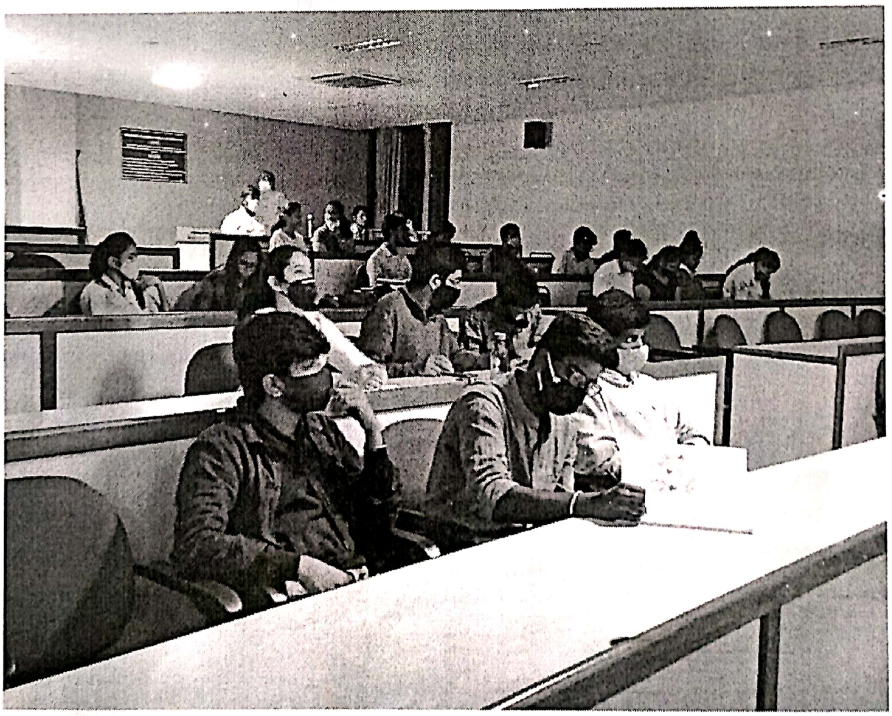


Figure : 9. Background Subtraction





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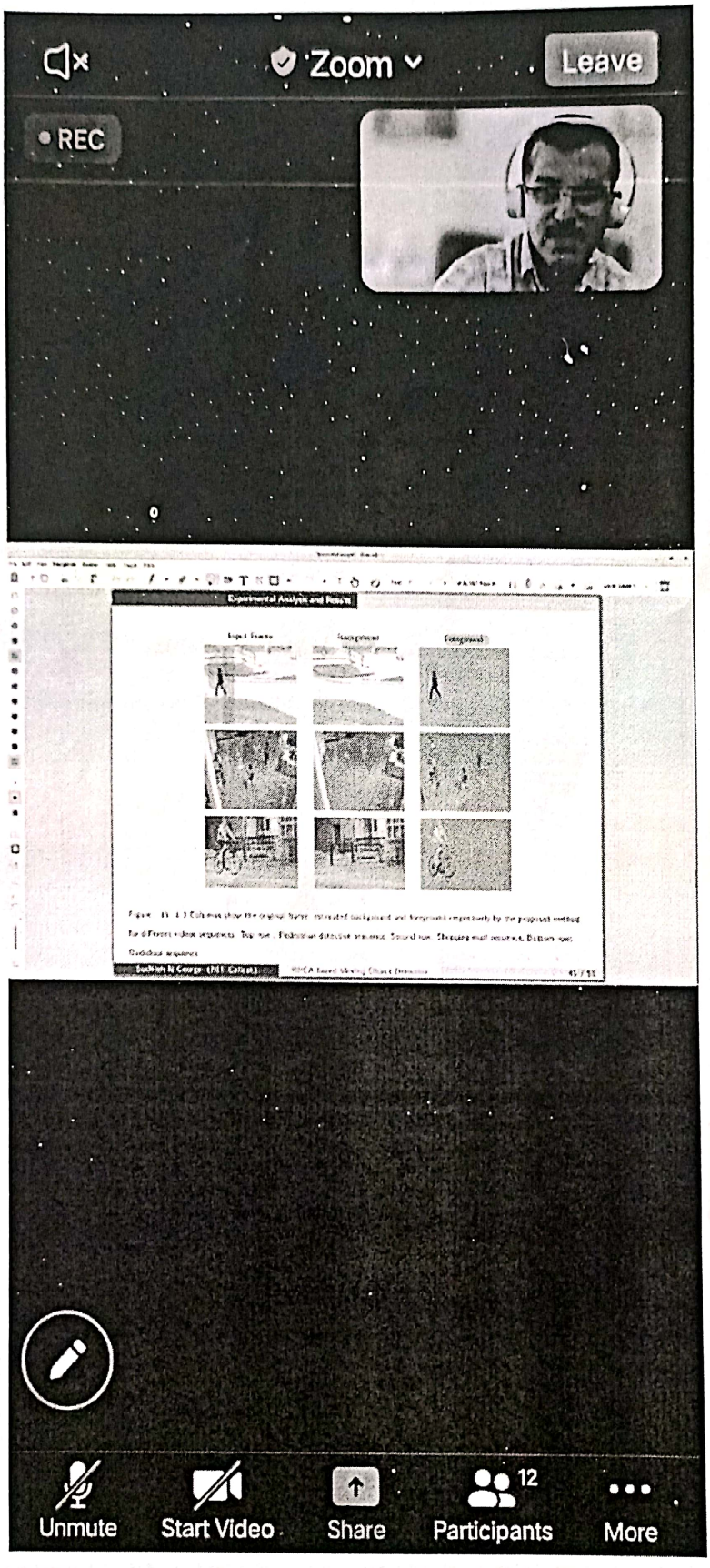

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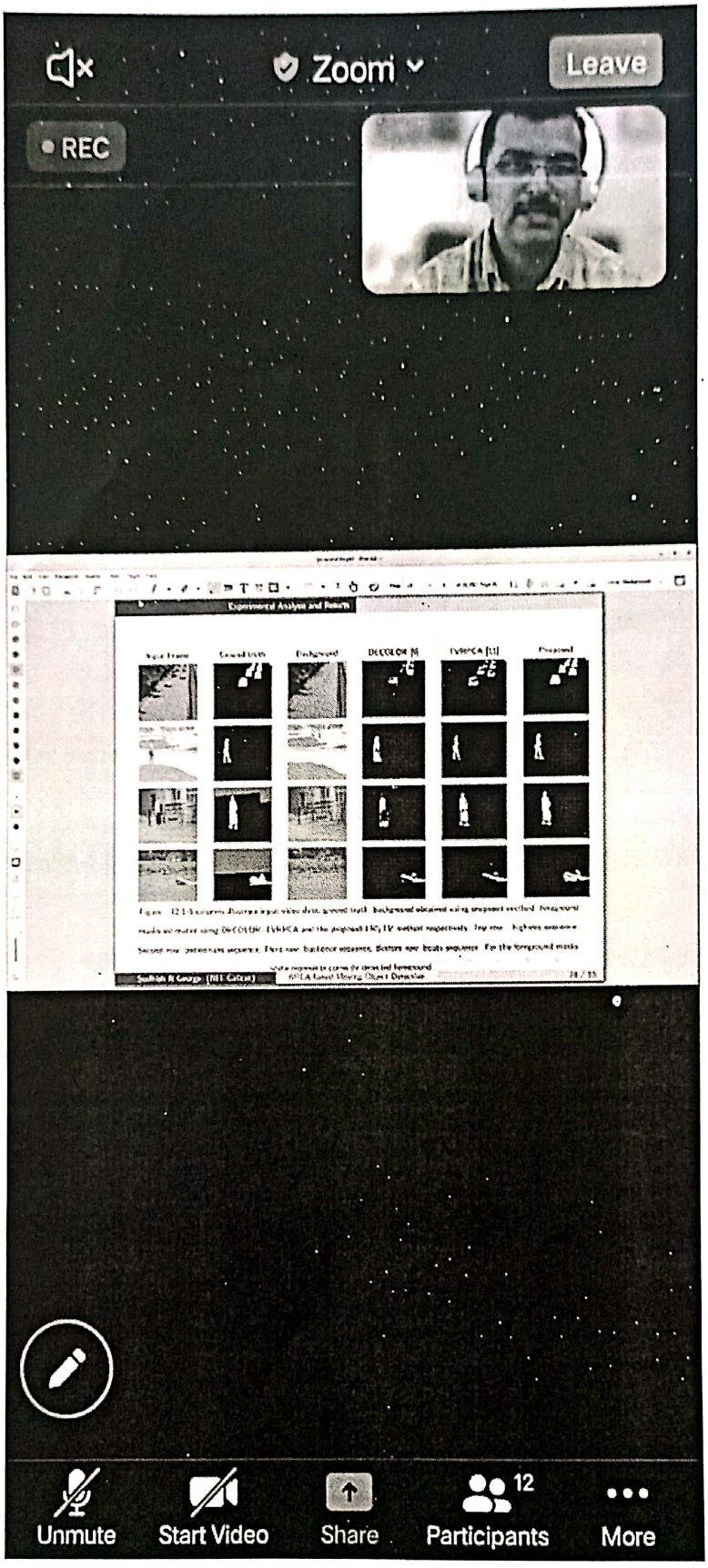

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