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K. S. SCHOOL OF ENGINEERING AND MANAGEMENT

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Report on

RECENT TRENDS IN MOVING OBJECTS DETECTION SCHEMES

Organized by IEEE student branch, KSSEM

In association with IEEE Bangalore section



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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 algorithms for moving objects from video sequences under the Common Challenges camera getter 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 convene optimization.

