

# International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS 2017)

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## Session Title - Computer and Machine Vision - 2017 (CMV'17)

### Special Session Coordinator Details

Name of the coordinator: Dr. Dushyant Kumar Singh

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### Theme and aim of the special section:

The aim of this special session is to focus on present research problem and how research community is proceeding to cover those, in the domain of computer and machine vision. Its time of self driven machines which even has capacity of thinking its own way. Vision being an important sensory component, it plays a major role in making computer or machine an independent operational unit. Here, idea is to explore various application domains which directly or indirectly include vision for automating the system involved therein.

### Topics:

The topics of interest for this session include but are not limited to:

- ✓ Deep learning for vision
- ✓ Driverless cars and driver assistance
- ✓ Human Machine Interaction
- ✓ Image compression, fusion
- ✓ Image enhancement, denoising
- ✓ Image Steganography
- ✓ Medical imaging
- ✓ Multimedia information retrieval
- ✓ Object detection and tracking
- ✓ Pattern matching
- ✓ Robotic vision
- ✓ Video processing, summarization
- ✓ Vision for Surveillance
- ✓ Visual perception, human visual system

Please Submit your Papers to: [dushyant@mnnit.ac.in](mailto:dushyant@mnnit.ac.in)