



Date : 7 March 2019

Topic : AI in Defence

Participants : Around 50

Speaker : Mr. Akhilesh Kumar (DIPR, DRDO, Govt. of India, New Delhi)

Mr. Akhilesh Kumar is currently designated as Scientist D officer in Defence Research and Development Organisation (DRDO). He is M.Tech from Delhi Technological University, New Delhi. His main research includes image processing, machine learning and deep learning. He has worked on several projects like Computer Adaptive Test Development, Facial Recognition and object detection in War field Scenario.

Dr. Satish Kumar Singh welcomed Mr. Akhilesh Kumar by presenting a bouquet as a token of regard. The talk started with the introduction of defence problems in remote areas and for extreme border conditions. He enlightened us on AI solutions on the same. The speaker also gave some insight on thermal images, its coloring, the target detection in thermal images and cueing in thermal images. He also talked about Gesture Controlled Interface and Human Adaptive User Interface. He guided us on how projects in DRDO work and how college students can collaborate with them and encouraged us to take on more projects on the related topics. It was overall a very interesting and enlightening session. The talk ended with Dr. Satish Kumar Singh giving a certificate of appreciation as a token of thanks to our honourable speaker. Later on, a group photo was taken and a short networking session happened with the speaker over some snacks.





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Attendees:

- 1) Nand Kumar Yadav (Chairperson, IEEE-SB-IIITA)
- 2) Sarthak Sen Gupta (Publicity and media ,IEEE-SB -IIITA)
- 3) Aanandita Dhawan (Secretary, IEEE-SB-IIITA)
- 4) Himanshul Patel (Vice-Chairperson, IEEE-SB-IIITA)
- 5) Sannihith (Joint-Secretary)
- 6) Pravin Kumar (Treasurer, IEEE-SB-IIITA)
- 7) Talari Rakesh Sharma
- 8) Anamika jain(Chair - Computer Society)
- 9) Nayaneesh Kumar Mishra (Vice - chair IEEE-SB IIITA)
- 10) Dipti mishra (Chair SPS)
- 11) Sumit Kumar
- 12) Ajay Raikar