









Report on

IEEE Technical Talk Series 2021

Expert: Dr. Arnav Bhavsar

July 21, 2021

Title:. Applications of Deep Learning in Medical Image Analysis



IEEE Signal Processing Society

Gujarat Section













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POSTER FOR THE TALK











IEEE Signal Processing Society Gujarat Chapter

in collaboration with

IEEE SPS GCET SBC

presents

Expert Talk



Applications of Deep Learning in Medical Image Analysis

Dr. Arnav Bhavsar
Assistant Professor
School of Computing and Electrical
Engineering, IIT Mandi

21 July 2021 | 10:00 AM IST Scan to Register



http://bit.ly/3jOlUa2 (WebEx link will be sent to registered participants)

















EXPERT PROFILE



Dr. Arnav Bhavsar
Associate Professor at IIT Mandi

Dr. Arnav Bhavsar is the assistant Professor at Indian Institute of Technology Mandi. He has done his research in Computer Vision, Image and Signal Processing, and Machine Learning. His research work has been published in various international journals (IEEE PAMI, Springer IJCV, Elsevier CVIU) and conferences (e.g. BMVC, ICPR, ICIP, DAGM). He has served as a reviewer for various international journals (IEEE Trans. on Industrial Electronics, Elsevier PRL, Elsevier IVC, Elsevier CVIU, Elsevier Signal Processing, Optical Engineering, Information Fusion).









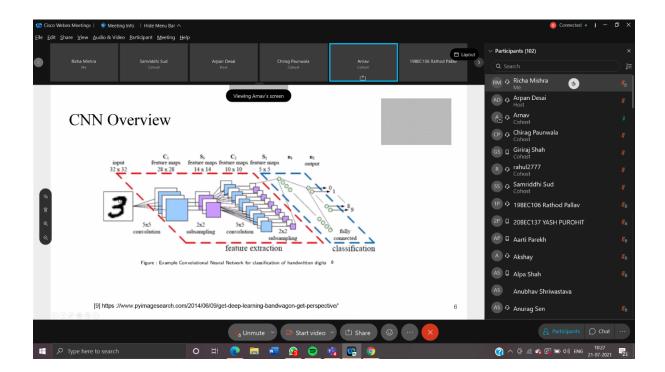




INTRODUCTION:

SPS Chapter of IEEE GCET SB in collaboration with IEEE SPS Gujarat Section conducted and Expert Talk in the Technical Talk Series which focused on the topic "Applications of Deep learning in Medical Image Analysis".

The speaker for this event was Dr. Arnav Bhavsar, who is an associate professor at IIT Mandi. Dr. Arnav Bhavsar discussed about the various applications of Deep learning in Medical Image Analysis.















ABOUT THE EVENT:

The talk started with the introduction of the Image analysis and some basics of deep learning in that. Then participants were presented what are the types of Medical Imaging by showing them real images with example. Then after sir discussed about convolutional Neural Networks and their use.

The session continued with the topic of Machine learning architectures and what is Supervised learning Models.

After the completion of the topics, there was an interactive QnA session with intriguing questions and sir answered all the questions which made the session more engaging and fruitful. All the participants gained very useful knowledge of Deep learning in Image Analysis and were thankful to the speaker for sharing his knowledge with them.







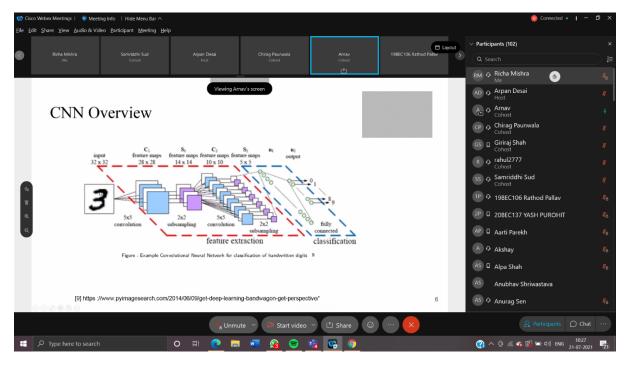






GLIMPSES OF THE TALK







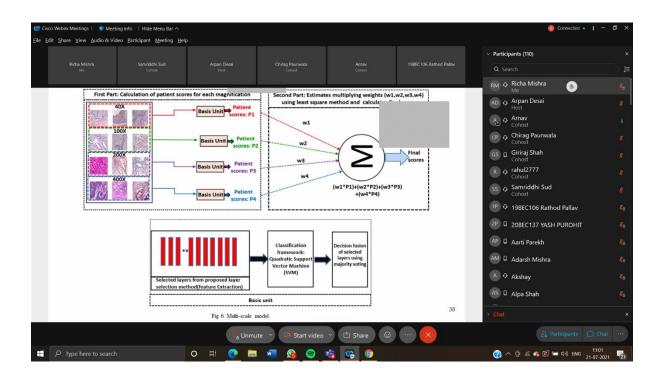


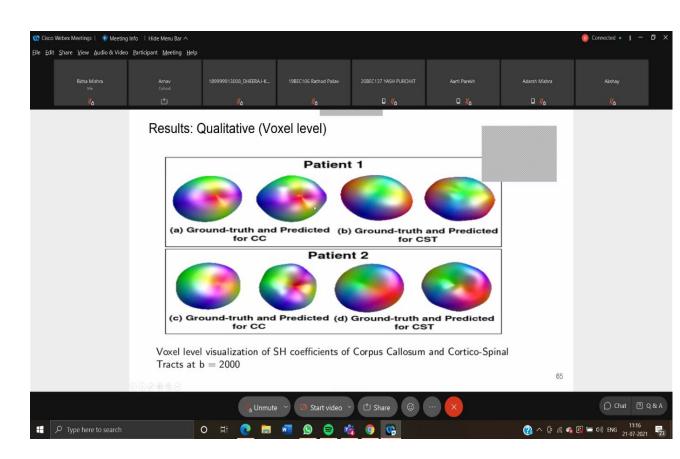
























MOMENTO FORMAT





















• NUMBER OF PARTICIPANTS

Total: 119

IEEE Members: 43

Non IEEE Members: 76

Report Prepared by: Richa Mishra

Vice-Chairperson | IEEE SPS GCET Chapter

