

### Report on

# **IEEE Technical Talk Series 2021**



Expert: Dr. Vineeth N Balasubramanian

May 6<sup>th</sup>, 2021

**Title:** Deep Learning with Limited Labelled Data: Challenges and Trends.



# IEEE Signal Processing Society Gujarat Section

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#### **4** Poster for the talk











# IEEE Signal Processing Society Gujarat Chapter in collaboration with

IEEE SPS, Kerala Chapter and IEEE SPS MBIT SBC

presents

#### **Expert Talk Series**

With the growing need for integrating machine learning-based intelligence across various applications with constrained domains, there is a need to develop methods that can learn effectively from limited labeled data.



Deep Learning with Limited Labeled Data: Challenges and Trends

> 06 May 2021 | 11 AM IST Scan to Register

Dr. Vineeth N Balasubramanian
Associate Professor, Department of
Computer Science and Engineering

Head, Department of Artificial Intelligence at Indian Institute of Technology, Hyderabad (IIT-H)



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



ieeespsgs.org/



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## Expert Profile



Dr. Vineeth N Balasubramanian

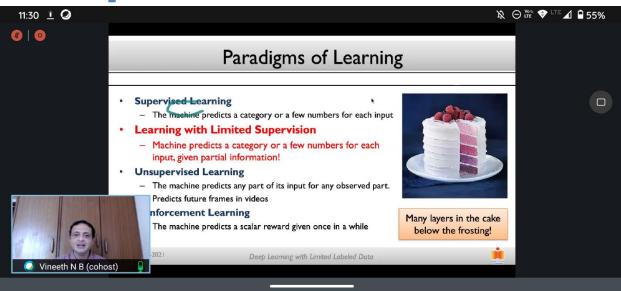
Associate Professor in the Department of Computer Science and Engineering at the Indian Institute of Technology, Hyderabad (IIT-H), India, and currently serves as the Head of the Department of Artificial Intelligence at IIT-H.

Dr. Vineeth N Balasubramanian is an Associate Professor in the Department of Computer Science and Engineering at the Indian Institute of Technology, Hyderabad (IIT-H), India, and currently serves as the Head of the Department of Artificial Intelligence at IIT-H. His research interests include deep learning, machine learning, and computer vision. His research has resulted in over 100 peer-reviewed publications at various international venues, including top-tier venues such as ICML, CVPR, NeurIPS, ICCV, KDD, ICDM, and IEEE TPAMI. His PhD dissertation at Arizona State University on the Conformal Predictions framework was nominated for the Outstanding PhD Dissertation at the Department of Computer Science. He serves as a Senior PC/Area Chair

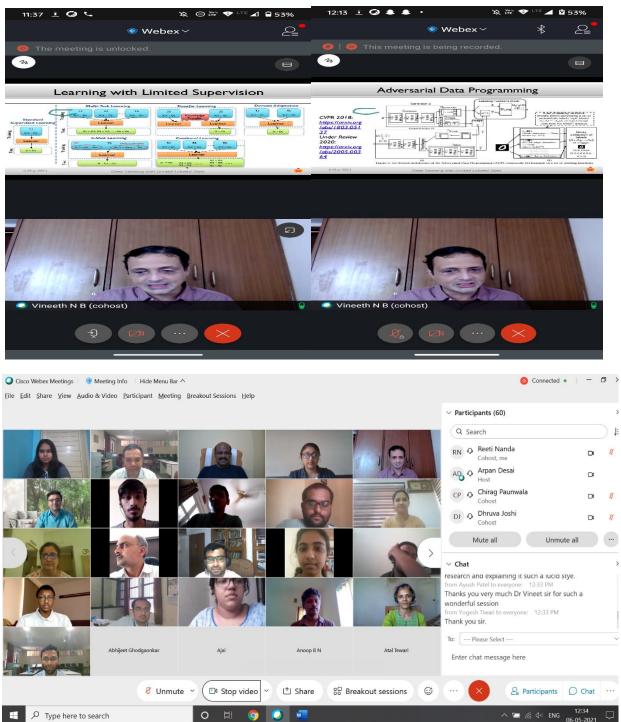


for conferences such as CVPR, ICCV, AAAI, IJCAI, and is an Associate Editor for the Pattern Recognition journal with recent awards as Outstanding Reviewer at ICLR 2021, CVPR 2019, ECCV 2020, etc. He is also a recipient of the Teaching Excellence Award at IIT-H in 2017, and a Google Research Scholar Award (earlier known as the Google Research Faculty award) in 2020. His research is funded by various organizations including DST, DRDO, Microsoft Research, Google Research, Adobe, Intel, KLA and Honeywell. He currently serves as the Secretary of the AAAI India Chapter.

# **4** Glimpses of the Talk









#### **4** Memento Format



# **4** Number of Participants

**Total: 215** 

**IEEE Members: 107** 

**NON-IEEE Members: 108** 



Report Prepared by: Reeti Nanda