

# Certificate of PRESENTATION

This certificate is awarded to

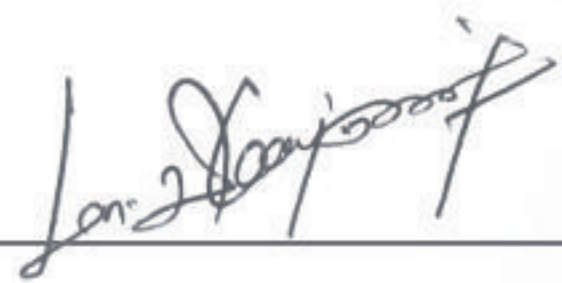
**Venkatesh A**

for successfully presenting the paper entitled

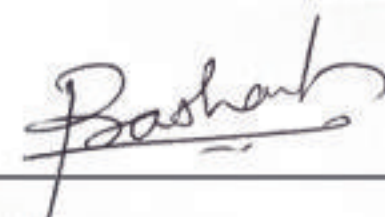
**Survey on Channel Estimation Schemes for mmWave Massive MIMO systems – Future  
directions and Challenges**

at the

International Conference on Expert Clouds and Applications (ICOECA 2022)  
organized by Department of CSE / ISE and Department of ECE,  
RV Institute of Technology and Management, Bengaluru, India  
held on 3-4, February 2022.



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