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Dr. Abhishek Misra is currently an associate professor in the department of Physics at IIT Madras since February 2018. He obtained his masters (M.Tech) and Ph.D in microelectronics from the department of Electrical Engineering, IIT Bombay, India in 2008 and 2013 respectively where he was the recipient of the best Ph.D thesis award. After his Ph.D, he worked as a principal engineer at Taiwan Semiconductor Manufacturing Company (TSMC), Taiwan until December 2014. Subsequently, he worked as a postdoctoral research associate in the department of Physics and Astronomy, University Of Manchester, UK till January 2018. After joining at IIT Madras, he is exclusively researching on the 2D Materials from growth to high performance optoelectronic devices. Particularly, he is investigating excitonic physics in layered materials and in van der Waals heterostructures. At IIT Madras, he is the principal investigator of the research center for 2D materials research and innovations funded under IIT Madras institute of eminence grant.