

Short biography - Dr. Nihar Ranjan Mohapatra is currently working as a Professor at IIT Gandhinagar. Prior to joining IIT Gandhinagar in July 2011, he worked in semiconductor industries like IHP Microelectronics, Advanced Micro Devices (AMD) and Globalfoundries for 8 years. During that time, he worked on CMOS technologies starting from 130nm till 28nm. His current research interests are in the areas of carrier transport in extremely scaled semiconductor devices, indigenous technology development for space and defence applications, high voltage/high power devices, semiconductor device modelling, computational lithography and analog IC design. He has multiple funded research projects in these domains and authored more than 100 publications in the area of semiconductor devices and circuits. He is currently a Senior member of IEEE.