

Dr. Sonu Devi is a research fellow and project leader in Aaron Thean's Research group at National University of Singapore. Dr. Sonu is a materials science researcher with a focus on the development of novel materials for semiconductor device and related applications.

Dr. Sonu completed her PhD in Physics in 2016 from IUAC Delhi. Her research mainly focussed on ion beam induced defect creation and recovery in semiconductor materials.

After PhD, Dr. Sonu joined NUSNNI Nanocore, National University of Singapore in 2017, where she worked on growth of crystalline oxide thin films using pulsed laser deposition and their transfer on Si substrate for CMOS compatibility. In 2020, Dr. Sonu joined Prof. Aaron Thean's group at the Department of Electrical and Computer Engineering, National University of Singapore. Here, her research interests include fabrication of back-end-of-line compatible, advance semiconductor devices for 3-D monolithic integration. Her work has been accepted in leading technology conferences like VLSI, IEDM and EDTM.

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