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Dr. Jai Prakash is head of advance PV module technology team, SERIS, NUS. He did his PhD from NUS, M.Tech from IIT BOMBAY. He has more than 10 years of experience in solar photovoltaics. He has published many papers in reputed international journals and international conferences . His research area includes c-Si solar cells and modules (bifacial and monofacial); High performance c-Si PV module design such as half-cut, multi-busbar/multi-wire, double-glass bifacial, back contact, shingling, p-PERC etc.; Simulation and advanced characterization of solar cells and modules (monofacial and bifacial); Developing innovative characterization techniques for complete health check of the PV modules (cell-to-module loss analysis); Reliability study of PV modules: Innovative and advance methods for PV module reliability testing; Indoor/outdoor performance evaluation of PV modules.