



Shashi Paul



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Shashi Paul: He is a full professor of Nanoscience and Nanotechnology, leads the Emerging Technologies Research Centre (EMTERC) at the University of Montfort, Leicester, UK. He received his degree from the Indian Institute of Science (IISc) in Bangalore and previously worked at the University of Cambridge, Durham University and Rutgers University. He has an extensive experience in the field of deposition of nano-sized organic and inorganic materials in the context of their applications to electronic memory devices, thin film transistors, biological & chemical sensors and energy related devices. His particular focus is on the development of materials manufacturing processes to reduce the carbon footprint.

His main research interests are linked to the:

- Emerging materials for Photovoltaic Solar
- Renewable Energy with special emphasis silicon nanostructure solar cells
- Emerging Electronic Memory materials and devices (including neuromorphic memory)
- Anode materials for Li and Na ion batteries.

He is the author of four book chapters (including on Silicon Photovoltaic Solar cells), more than one hundred research paper published in journals and proceedings of international repute, He has successfully supervised 21 PhD, 1 MSc (by research) and 1 MPhil theses. He has also been involved with several research projects funded by various external funding agencies.

Additional Information:

- Member of the ICREPQ International Scientific Committee
- RE&PQJ-Scientific Committee Member.
- Acted Guest Editor to three different journals