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PRITHICK SAHA

Objective To encourage creativity and higher-order thinking in a way that increases student performance.

Experience August 2010– current **Dream Institute of Technology**
Thakurpukur - Bakhrahat Road, Kolkata
Assistant Professor of ECE

Education **PhD (Pursuing)**, ECE department, National Institute of technology, Patna, Bihar.

M.Tech., Applied Electronics and Instrumentation Engg.
, WBUT, West Bengal, India, 2010 CGPA: 7.61/10, Thesis: Design a microcontroller based USB Data logger System(Advisor : Soumik Das)

B.Tech., Electronics and Instrumentation Engg, WBUT, West Bengal, June 2008
CGPA : 7.43/10

Computers Matlab, SCAPS, TCAD

List of Publications

Journals

- 1) Saha, Prithick, Sangeeta Singh, and Sanjib Bhattacharya. "Efficient and Lead-Free Perovskite Solar Cells Based on Defect-Ordered Methyl Ammonium Antimony Iodide." *IEEE Transactions on Electron Devices* (2023). DOI:[10.1109/TED.2023.3235870](https://doi.org/10.1109/TED.2023.3235870).
- 2) Saha, Prithick, Sangeeta Singh, and Sanjib Bhattacharya. "Eco-friendly methyl-ammonium tin-based planar p–n homojunction Perovskite solar cells: Design and performance estimation." *International Journal of Modern Physics B* (2022): 2350169. DOI:[10.1142/S0217979223501692](https://doi.org/10.1142/S0217979223501692).
- 3) Prithick Saha, "Ingenuious Menu Ordering System for Restaurants" International Research Journal of Engineering and Technology (IRJET), Volume: 07 Issue: 04 | Apr 2020.
- 4) Prithick Saha, "A Survey on Solar PV Power generation" **Paper ID: IJSRDV6I11112**, IJSRD, Volume : 6, Issue : 1 , 1869-1872, 2018.

Conferences:

- 1) Prithick Saha, “Design and Performance Prediction of Eco-Friendly Methyl-Ammonium Tin-Based Planar p-n Homojunction Perovskite Solar Cells”, 5th Regional Science and Technology Congress 2022 Region-4 (Kolkata, Howrah, South 24 Parganas) , Jointly with Department of Science and Technology & Biotechnology, Govt. of West Bengal 4th & 5th January, 2023.

Book Chapter:

- 1) Saha, P. and Bhattacharya, S., 2022. Other Applications. In *Lithium Ion Glassy Electrolytes: Properties, Fundamentals, and Applications* (pp. 183-195). Singapore: Springer Nature Singapore.

**Undergraduate
course topics**

Electrical and Electronics measurement, Power Electronics, Analog and Digital electronics, Electronic measurement and measuring instruments, Sensor and Transducer. Microprocessor.