

PRINCIPAL



Prof. (Dr.) Saradindu Panda

PhD-Tech (NIT, DGP),
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Vice Chair, IEEE CASS Kolkata Section

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RESEARCH PUBLICATIONS:

Published and Presented Technical & Research papers in various International Journals and Conferences, on VLSI Circuits, Nano Devices, Solar Cell Efficiency Optimization & Quantum Cellular Automata.

Publication in SCI, Scopus & WoS:48

Publication in Other reputed Journals:28

Publication in International Conference:57

Publication in National Conference:6

Publication in Book Chapter: 5

PUBLICATION OF BOOKS AS AUTHOR: 2

- "Microelectronics and Optoelectronic Technology", University Science Press (2009), ISBN: 813180738X (2009), ISBN: 978-8131807385 (2013).
- "Analog & Digital VLSI Circuit Design", University Science Press, ISBN: 9351382494 (2014), ISBN: 978-9351382492 (2015).

PUBLICATION OF BOOKS AS EDITOR: 2

- "Advanced Computation on electronics and Remote sensing", Excell India Publisher, ISBN: 978-93-86256-72-0
- "Abstract and Proceedings of IEEE CASS KOLKATA Technical Paper Contest,2019", Ideal International E-Publication Pvt. Ltd, ISBN: 978-93-89817-20-1

PUBLICATION OF PATENT: 6

- 1)Title: Artificial Intelligence based Domestic Solar Power Saving System, File No: 201931050920, DOF: 12/10/2019; DOP: 25/06/2021
Inventors: Mohit Sharma, Ambrish Upadhyay, Rimpi Datta, Anilesh Dey, Dr. Saradindu Panda, Sharmistha Basu

ACADEMIC QUALIFICATIONS:

- PhD in Design Issues of VLSI Circuits towards Optimization of Power, Delay and Noise in the Nano Devices from National Institute of Technology (NIT), Durgapur, West Bengal in 2007.

RESEARCH SPECIALIZATION:

- VLSI Design & Microelectronics.
- Nano Technology & Nano Devices.
- Renewable Energy & Solar Cell

WORK EXPERIENCE:

- Total **16 years** of teaching experience.

EMPLOYMENT RECORD:

- Has been working as Principal at Dr. Sudhir Chandra Sur Institute of Technology & Sports Complex (SurTech).
- Worked in the designation of Head of Department, Dean, at Narula Institute of Technology.

- 2) Title: Smart Energy meter, File No: 201931050922; DOF: 12/10/2019; DOP: 25/06/2021
Inventors: Rajdeep Sinha, Arnab Nag, Arpita Basu, Isita Das, Amarnath Samanta, Dr. Saradindu Panda, Mr. Abhijit Ghosh, Puspak Pain
- 3) Title of the Invention: Digital Restaurant Menu Ordering and GSM Based Billing System., File No.: 201931050922; DOF: 12/10/2019; DOP: 25/06/2021
Inventors: Pranab Hazra, Dr. Saradindu Panda, Sattick Bhadra, Madhuparna Das, Amritendu Saha, Satyam Kumar, Kumar Satyam.
- 4) Title: An Automated System Having Bag Value Mask; File No: 202031037602A; DOF: 01/09/2020; DOP: 25/09/2020.
Inventors: Dr. Anilesh Dey, Tanmoy Munshi, Sandipan sil, Swagata Dasgupta, Indranil Jana, Dr. Saradindu Panda, Mrs. Sandhya Pattanayak, Mrs. Sangita Roy, Ms. Rimpi Datta
- 5) Title: Gesture Controlled Wheel Chair; File No: 201931026807A; DOF: 04/07/2019; DOP: 09/08/2019
Inventors: Sambhu Nath Surai, Arnab Nag, Dr. Saradindu Panda, Dr. Anilesh Dey, Mr. Pranab Hazra, Mr. Abhijit Ghosh, Mrs. Sandhya Pattanayak, Mrs. Sangita Roy, Sudhangshu Sarkar, Pallab Dutta
- 6) Title: Fabrication of ECG Acquisition and IOT Based Real Time ECG Monitoring System, File No.: 201831041800A; DOF: 05/11/2018; DOP: 16/11/2018
Inventors: Dr. Anilesh Dey, Dr. Saradindu Panda, Pranab Hazra, Moupali Roy, Sudhangshu Sarkar.

FUNDED PROJECTS RECEIVED: 4

- **As a Principal Investigator:**

Major Project (RPS) funded by AICTE (File No: 8-8/RIFD/RPS/POLICY-1/2016-17) named "Some Studies on the Design Issues to Improvement on Efficiency in Plasmonic Based Solar Cell" of Rs. 1494118/- in the academic year 2017-18.

- **As a Principal Investigator:**

MODROB Project on Modernization of Embedded Systems and Electronic Design Automation Laboratory funded by AICTE (File No: 9-139/RIFD/MODROB/Policy-1/2016-2017) of Rs. 9,00,000/- in the academic year 2017-18.

- **As a Co- Principal Investigator:**

DST FIST Project (Level 0) on "Advancement of the Infrastructural facilities for sustainable development in Teaching & research" funded by DST (File No: SR/FST/COLLEGE/2017/105) in the academic year 2017-18.

- **As a Principal Investigator:**

Minor Project funded by UGC (File No: PSW-299/15-16) named "Low Power & High-Speed Memory Design using Nano MOSFETs in 22nm Technology" of Rs. 3,15,000/- in the academic year 2016-17.

GRANT RECEIVED: 2

- **As a Principal Investigator:**

FDP grant funded by AICTE (File no: 6-60/RIFD/FDP/Policy-1/2016-17) named "Recent Developments in Artificial intelligence & Robotics" of Rs. 4,90,000/- in the academic year 2017-18.

- **As a Principal Investigator:**

Advancement of Embedded System Lab by Installing Advanced Keil Software & 25 numbers of ARM based Hardware Kits with the help of ARM University Program by ARM Ltd, United Kingdom in the academic year 2015-16.

AWARDS & ACHIEVEMENT:

- JIS Samman for Best Research Credentials & Best faculty in the Year 2021
- NiT Jewels for Best Research Credentials in the Year 2020, 2017, 2016
- Albert Nelson Marquis Lifetime Achievement Award in 2017
- Session Chair & Session Judge of an IEEE International Conference (DevIC-2017) organized by IEEE EDS Chapter & KGEC, Kalyani in 2019, 2017& 2016
- Outstanding achievements award by Marquis Who's Who in the World in 2014.
- Special guest of the workshop arranged by COMSOL, Hyderabad in Kolkata on 10th Jan, 2010, Hyatt regency, Kolkata
- Excellence in Mathematics Award by Centre for Pedagogical Studies, NCERT in 1994.
- Govt. of India National Scholarship at the Secondary stage in 1993.