Dr. Sibarama Panigrahi

Mobile: (+91) 7377302566
Rourkela, Odisha
Email: panigrahis@nitrkl.ac.in

Senior Member, IEEE

ACADEMIC

Ph. D. in CSE, *VSSUT (UCE) Burla, Odisha (Oldest Govt. Engineering College)*	2019
M. Tech. in CSE, *VSSUT (UCE) Burla, Odisha (Oldest Govt. Engineering College)* (**University Silver Medal**)	2013
B. Tech. in CSE, *Biju Patnaik University of Technology*	2009

EXPERIENCE

Assistant Professor, SUIIT, Sambalpur University, Burla, Odisha (State Govt. Funded Institute)	26/09/2016 - 31/03/2023

RESEARCH AND TEACHING INTERESTS

Research: Machine Learning, Deep Learning, Time Series Forecasting, Computational Biology
Teaching: Machine Learning, Soft Computing, Programming and Data Structure, Theory of Computation, Compiler Design

PROJECTS/GRANTS UNDERTAKEN (TOTAL AMOUNT:Rs.51.10 LAKHS)

Studies on Deep Learning Models for Crude Oil Price Forecasting	22.077 Lakh (**Ongoing, Role: PI, No. of Investigators: 01**)	Core Research Grant Scheme, SERB, New Delhi
Design and Development of Large Scale Time Series Forecasting Methods using Deep Learning Techniques	4.5 Lakh (**Ongoing, Role: PI, No. of Investigators: 01**)	OURIIP-2020 Scheme, Odisha State Higher Education Council
Design and Development of Pot Temperature Forecasting Methods employing Machine Learning Techniques	3.54 Lakh (**Ongoing, Role: PI, No. of Investigators: 01**)	Hindalco, Hirakud (Adity Birla Group)
Big Data Platform for Temporal Storage of Clinical Data of Patients of Cardio Vascular Disease (CVD) and Data Mining for Better Diagnosis and Treatment	21.15 Lakh (**Ongoing, Role: Co-PI, No. of Investigators: 04**)	Indian Council of Medical Research, Govt. of India

ACADEMIC ACHIEVEMENTS

1. **S**igned an MoU between SUIIT and Tata Power Western Odisha Distribution Limited (TPWODL) for my OURIIP-2020 project. Developed an electricity load forecasting software employing machine learning techniques for Western Odisha. This software is presently being used by TPWODL for power purchasing and planning of Western Odisha.

2. **R**eceived letter of appreciation form TPWODL and Vice-Chancellor, Sambalpur University.

3. **Q**ualified GATE-2012 (Score: 593, Marks:52.33), **Q**ualified UGC NET in Computer Science and Applications (December 2016)

PUBLICATION IN SCI/SCIE JOURNALS (TOTAL: 20)

Elsevier: Engineering Applications of Artificial Intelligence (IF: 7.80, No. of Papers:3), Information Sciences (IF:8.23, No.:1), Pattern Recognition Letters (IF: 4.757, No.:1), Computational and Theoretical Chemistry (IF: 2.29, No.1)

Taylor and Francis: Applied Artificial Intelligence (IF: 2.77, No.2)

Springer: Solar Physics (IF: 2.96, No.1), Arabian Journal for Science Engineering (IF:2.81, No.3), Wireless Personal Communications (IF:2.01, No.1)

Wiley: Int. Transactions on Ele. Ener. Syst. (IF: 2.64, No.2), Optimal Control Applications and Methods (IF:1.95, 1)

GOOGLE SCHOLAR CITATIONS AND REVIEWER OF SCI JOURNALS

Citaions: 535, **h-index:** 12, **i10-index:** 17, **Reviewer of number of distinct SCI/SCIE Journals:19** , **Reviewer of SERB Project Evaluation Team**

GUIDANCE AND RESOURCE PERSON

Ph.D.: 02 Scholars (Ongoing)	**M.Tech:** 08 Scholars(Awarded)	**B. Tech.:** 09 Projects (Awarded)

IEEE Future Network World Forum Distinguished Speaker: 01, **Distinguished Speaker in AICTE Sponsored FDP** 02 , **Distinguished Speaker in EICT NIT Warangal FDP** 01, **Distinguished Speaker at IIITDM, Jabalpur: 02**, **Other:** 02

ADMINISTRATIVE RESPONSIBILITIES

Teacher-in-Charge IT Infrastructure, Teacher-in-Charge Website, B.Tech Programme-in-Charge, Superintendent, Asst. Superintendent, Vice-President Cultural Club, etc.