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# Dr. Prabira Kumar Sethy

Senior Member, IEEE



## ACADEMIC

<b>Ph. D. in Engineering</b> , Sambalpur University, Burla, Odisha (State University of Odisha)	2021
<b>M. Tech. in Electronics and Communication Engineering</b> , (IIT ISM Dhanbad)	2009
<b>B. Tech. in Electronics and Telecommunication Engineering</b> , Biju Patnaik University of Technology, Odisha	2006

## EXPERIENCE

<b>Engineer in Doordarshan (Govt. of India)</b>	10/08/2009 - 22/02/2013
<b>Assistant Professor in Sambalpur University</b>	23/02/2013 - till date

## RESEARCH AND TEACHING INTERESTS

**Research:** Image Processing, Machine Learning, Deep Learning

**Teaching:** Signal and System, Analog Communication, Digital Communication, Digital Image Processing

## PROJECTS/GRANTS UNDERTAKEN

<b>Deep Learning-based automatic classification of histological images for breast cancer diagnosis</b>	<b>2 Lakh (Ongoing, Role: PI, No. of Investigators: 02)</b>	Faculty Grant, S.U.	Research
<b>Yield and Maturity Estimation of Fruits in Deep Learning-based Method</b>	<b>2 Lakh (Ongoing, Role: Co-PI, No. of Investigators: 02)</b>	Faculty Grant, S.U.	Research

## ACADEMIC ACHIEVEMENTS

- Best Paper Award for the research paper "Face Mask Detection in Public Places Using Small CNN Models", in 2nd International Conference on Intelligent and Cloud Computing 2021, organized by Department of Computer Science and Engineering, ITER, SOA University, Bhubaneswar
- InSc Young Achiever Award" for the research paper "Detection of coronavirus (COVID-19) based on Deep Features and Support Vector Machine, organized by Institute of Scholars, Registered under Ministry of MSME, Government of India, in the year 2020.
- Best Research Paper presented award in IEEE International Conference on Communication and Signal Processing (ICCSP-2017), Chennai, India
- Qualified GATE-2007, Qualified UGC NET in Electronics Science (June 2014 and December 2015.)

## PUBLICATIONS; TOTAL CUMMULATIVE IMPACT FACTOR=478.6 (19:SCI INDEXED, 20:SCOPUS INDEXED, 21:BOOK CHAPTER, 22:IEEE CONFERENCE, 2 BEST PAPER AWARD)

**Springer:** Journal of Ambient Intelligence and Humanized Computing (IF: 3.78, No. of Papers:02), Multimedia Tools and Applications Sciences (IF:2.395, No.:5), Journal of Digital Imaging (IF: 4.903, No.:1), Solar Physics (IF: 2.96, No.1), International Journal of Speech Technology (Scopus, No.2)

**Taylor and Francis:** Applied Artificial Intelligence (IF: 2.77, No.2), Archives of Phytopathology and Plant Protection (Scopus, No.1)

**Elsevier:** Microprocessor and Microsystem (IF: 3.503, No.1), Computers and Electronics in Agriculture (IF:6.75, No.1), Information Processing in Agriculture (Scopus, No.1)

**IOS:** Journal of Intelligent Fuzzy Systems (IF: 1.737, No.2), Journal of X-ray Science and Technology (IF:2.442, No.2)

**SAGE:** Concurrent Engineering: Research and Applications (IF: 2.118, No.2)

## GOOGLE SCHOLAR CITATIONS, REVIEWER, EDITORIAL BOARD AND EVENT ORGANISED

**Citations:** 1813, **h-index:** 14, **i10-index:** 26, **Reviewer of number of distinct SCI/SCIE Journals:**30, **Session Chair:**15, **Associate Editor:**01, **Member in Editorial Board:**03, **FDP:**01, **Workshop:**02, **Seminar:**01

## GUIDANCE AND RESOURCE PERSON

<b>Ph.D.:</b> 04 Scholars (Ongoing), 01 Thesis Submitted (Co-Guide)	<b>M.Tech, M.Phil., M.Sc:</b> 21 Scholars (Awarded)	<b>B. Tech.:</b> 35 Projects (Awarded)
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**ATAL FDP:** JNTU Kakinada, Andhra Pradesh, India, **AICTE STTP:** Trident Academy of Technology, Bhubaneswar, **One Week workshop:** MNNIT Prayagraj, **Other:** 03

## ADMINISTRATIVE RESPONSIBILITIES

Dy Director E-Governance, Teacher-in-Charge Examination, M.Tech Course-in-Charge, Superintendent, Vice-President sports Club, Member in Grievance cell, Sexual Harassment and Disciplinary Committee etc.