

Sonali Das

**Assistant Professor,
Computer Science and Applications**



Education

- M.Tech in Computer Science and Engineering, Biju Pattnaik University and Technology.
- MCA , Indira Gandhi National Open University, # RZ-A-44, Road Number 4, Block B, Mahipalpur Extension, New Delhi, Delhi 110037.
- B.Sc, Fakir Mohan University, Byasa Vihar, Balasore, Odisha 756019

Experience

- Working in CAET,OUAT Bhubaneswar since 2007 in different capacities in teaching, research as Asst. Professor in Computer Science and Applications.
- Teaching MCA students in Operating System and Artificial Intelligence as lecturer in Tapaswini Institute of Information & Technology, Raurkela, Orissa (July 2007 to Oct 2007).
- Trained the trainees in Ms-Office, C, C++, JAVA, Oracle, Servlet, JSP (Java Server Page) as Computer Application Trainer in Alaka Study Center, INFOGLOBAL and ICAT , Balasore,2001 to 2005).
- Project on Automation of Super Market, Language used Java Programming language; JSP (Java Server Page) and Database used SQL Server.(2005) .

Courses taught

- Computer Programming and Data Structure (B. Tech.)
- Internet applications and Web Designing (B. Tech.)
- System Simulation & Computer aided problem solving in Engineering (M. Tech.)
- AutoCAD Applications(B.Tech)

Honours and Awards

- Received Best Paper Award for paper “Automation of Super Market” at National Conference on “Recent Advances in Engineering and Technology” in 2013.

B.Tech Research Project Work:

1. Member Advisory Committee: (Two students)

“Sensory evaluation of sugar substitutes in development of low calorie herbal tea”

M Tech Research Work:

1. Member Advisory Committee: (One student)

“Optimization of process variables in Osmo-convective dehydration of elephant apple slices”

2. Member Advisory Committee: (One student)

“Development of a Model for water and Irrigation Requirement for Major Crops of North Eastern Coastal Plain Zone of Odisha”

3. Member Advisory Committee: (One student)

“Development of a Software for water and Irrigation Requirement for Major Crops of North Central Platue Zone of Odisha”

TRAINING/ SEMINAR

Attended webinar on "Artificial Intelligence and Machine Learning in Data Science Technology" at CBSH, OUAT during 24th -26th Nov 2021 organized by CBSH, OUAT

RESEARCH PUBLICATIONS

Journal:

1. **Sonali Das.** (2013). Automation of Super Market, Journal on Advance Computer Theory and Engineering, 2(1):52-58 (ISSN: 2319-2526).
2. Parv Nayak, Kalpana Rayaguru, Lalit M Bal, **Sonali Das**, Sanjaya K Dash (2021). Artificial Neural Network Modeling of Hot-air Drying Kinetics of Mango Kernel. NIScPR-CSIR, India ,Vol. 80, September 2021, pp. 750-758,

Technical Paper

Sonali Das (2016). Getting Started with Ubuntu: Open Source Operating System, Confluence Golden Jubilee CAET 2015-2016, 83-84

Abstracts

1. Kalpana Rayaguru, **Sonali Das.** 2013. Computer Application in Agricultural Education and Reserch, Section. Proceedings of the XI Agricultural Science Congress held at Bhubaneswar during 7 to 9 Feb, 2013. T4.11:46.
2. Kalpana Rayaguru, **Sonali Das.** 2014. Applications of Artificial Neural Networks in Food Processing, Life Science Section. Proceedings of the 17th Odisha Bigyan Congress held at SOA University, Bhubaneswar during 5 to 6 Dec, 2014. 65-66.
3. Gayatri Mishra, Brajesh Kumar Parida, Kalpana Rayaguru, **Sonali Das.** 2014. Preparation and Evaluation of Low Calorie Herbal Tea bag Using stevia as Sweetener. Souvenir of the 48th Annual Convention of Indian Society of Agricultural Engineers held at CTE, Udaipur during 21 to 23 Feb, 2014. PDFE-2014-HCP-7.8.
4. Kalpana Rayaguru, **Sonali Das.** 2016, Role of Computer Vision and Sensing Technology in Food Quality Control. Engineering and Technology Section. Proceedings of the Indian Science Congress Association held at KIIT, Bhubaneswar during 12 to 13 Dec, 2016. ET-24:147-148.

Contact details:

College of Agricultural Engineering and Technology
Orissa University of Agriculture and Technology,
Bhubaneswar- 751003, Orissa State, India
Email: sonalidas80@gmail.com
Ph. +91-9937097721