

Ms. Suparna Saha Biswas

DESIGNATION

State Aided College Teacher
Department of Computer Application

EMAIL

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Biography

Suparna is presently attached as State Aided College Teacher (SACT1) with the Department of Computer Application since January 2012. She also served as the head of the department from 2013 to 2020. She completed her B.Sc. (Hons.) from Calcutta University followed by MCA from Maulana Abul Kalam Azad University of Technology (formerly known as WBUT). She cleared WBSET examination in the year 2018. Apart from teaching, she is pursuing her Ph.D. from West Bengal State University (Barasat).

Research

Research Areas of Ms. Suparna Saha Biswas are as follows:

Her research activities are in the area of Pattern Recognition and Machine Learning.
More precisely, her fields of interest are:

- Handwriting Analysis
- Graphology

Teaching

Currently, Ms. Suparna Saha Biswas is teaching the following courses:

1. Programming Fundamental using C (Code: CMAACOR01T)
2. Computer Fundamental (Code: CMAACOR02T)
3. Data Structure (Code: CMAACOR03T)
4. Database Management Systems (Code:CMAACOR05T)
5. Operating System (Code: CMAACOR06T)
6. Multimedia Systems and Internet Technologies(Code: CMAACOR08T)
7. OOP's using JAVA (Code: CMAACOR09T)
8. Software Engineering (Code: CMAACOR10T)
9. Artificial Intelligence (Code: CMAACOR11T)
10. Computer Networks (Code: CMAACOR12T)
11. Programming in Python (Code: CMSSEC001)

Publications

Conference Proceedings

1. Drunken driving detection and prevention models using Internet of Things, Published by IEEEEXPLORE in 2016 IEEE 7th Annual Information Technology, Electronics and Mobile

- Communication Conference (IEMCOM) at the University of British Columbia, Vancouver, Canada on 13th -15th October 2016, Authors: Suparna Sahabiswas, Sourav Saha, Prachatos Mitra, Retabrata Chatterjee.
2. Flood forecasting using Internet of things and artificial neural networks, Published by IEEEEXPLORE in 2016 IEEE 7th Annual Information Technology, Electronics and Mobile Communication Conference (IEMCOM) at the University of British Columbia, Vancouver, Canada on 13th -15th October 2016, Authors: Suparna Sahabiswas, Sourav Saha, Prachatos Mitra, Retabrata Chatterjee.
 3. Smart asthma attack prediction system using Internet of Things, Published by IEEEEXPLORE in 2016 IEEE 7th Annual Information Technology, Electronics and Mobile Communication Conference (IEMCOM) at the University of British Columbia, Vancouver, Canada on 13th -15th October 2016, Authors: Suparna Sahabiswas, Sourav Saha, Junaed Siddiquee, Proshanta Sarkar.
 4. Energy-efficient Data Centers and smart temperature control system with IoT sensing, Published by IEEEEXPLORE in 2016 IEEE 7th Annual Information Technology, Electronics and Mobile Communication Conference (IEMCOM) at the University of British Columbia, Vancouver, Canada on 13th -15th October 2016, Authors: Suparna Sahabiswas, Amit Roy, Junaed Siddiquee, Proshanta Sarkar.

Administrative

1. Student Welfare: canteen committee
2. Library: Books and Reading Room committee