

SAYANTAN SINGHA ROY

24, S.N.Bhattacharjee Road
Kadai, Post:-Berhampore,
Dist: Murshidabad, State: W.B.
Pin code:-742101

Contact No:- **7003524649**
8902663793

E-mail:-**I) sayantansingharoy@outlook.com**
II) sayantansingharoy28@gmail.com

Objective

To work in an innovative and professional environment of teaching and to utilize my skills for the betterment of students.

Skill Set

- o Programming:
 - Programming knowledge in **Python, Core Java, C**
 - Basic **SQL Queries, PL/SQL**
 - Skill in Mark-up Language (**HTML**),**PHP, XML, CSS, JavaScript**
- o Others:
 - Machine Learning**
 - Knowledge in DBMS**
 - Basic knowledge in Theory of Operating Systems, Theory of Computation**

Educational Credentials

Qualification	Name of the School/Institute	University / Board	Year Of Passing	Aggregate Percentage / DGPA
Ph.D. (Pursuing)	National Institute of Technology, Agartala	National Institute of Technology, Agartala	-	-
M.Tech (Multimedia & Software Systems)	National Institute of Technical Teachers' Training & Research, Kolkata	Maulana Abul Kalam Azad University of Technology, West Bengal	2015	9.07 (83.20%)
B.Tech (Computer Science & Engineering)	Guru Nanak Institute of Technology	West Bengal University of Technology(WBUT), Kolkata (Salt Lake)	2012	8.03 (72.80%)
Higher Secondary	Gorabazar I.C. Institution	West Bengal Council Higher Secondary Education	2008	80%
Secondary	Berhampore Krishnath College School	West Bengal Board of Secondary Education	2006	74%

Achievement

- **Qualified State Eligibility Test (SET) for Assistant Professor held on 19.01.2020 in Computer Science and Application**
- **Ranked second among all masters students of Multimedia and Software Systems department in 2015.**

Work Experience

Name: **Adamas University**

Duration: **March 2022 - Current** | Designation: **Assistant Professor**

Working on a regular basis in the computer science and engineering department, this position mainly involved in teaching and supervising undergraduate and graduate students, assisting in various departmental duties, and providing academic as well as administrative support to other staff.

Name: **ICFAI University, Tripura**

Duration: **January 2019 – March 2022** | Designation: **Assistant Professor**

Working on a regular basis in the Faculty of Science and Engineering, this position mainly involved in teaching and supervising undergraduate and graduate students, assisting in various departmental duties, and providing academic as well as administrative support to other staff.

Contributions

- **Academic Activity** - Course-in-charge of PHP with MySQL, PHP with MySQL Practical, Artificial Intelligence, Enterprise Application Development using Java, Enterprise Application Development using Java Practical, Theory of Computation, Computer Organisation and Architecture, Python Programming.
- **IQAC Committee** - As an IQAC core committee member, I am responsible for the collection and compilation of Criteria 1 data for every program in the university as well as for the preparation and representation of computer science department's data required criteria - 1 in NAAC. Apart from this, monitoring other NAAC related activities required for other criteria are also performed as well as engaged in various IQAC related meetings and presentations.
- **E-learning Committee** - As an e-learning committee member, I have conducted and given lectures in Faculty Development Programs for the Moodle platform. Responsible for the preparation of course upload guidelines in the university's platform as well as resolving different queries coming from faculty members across different departments. Activity report preparation and monitoring various ongoing courses that are available in LMS.
- **SWAYAM/MOOC committee** - Monitoring and reporting the registration process as well as activities performed in the SWAYAM platform by students studying in the Computer Science and Engineering department. Also responsible for getting in touch with the students as their motivators with certain practical visionaries.

Name: **National Institute of Technical Teachers' Training and Research, Kolkata**

Duration: **September 2015 – January 2019** | Designation: **Teaching Assistant**

Working on a contractual basis, this position mainly involved in assisting students in their dissertation work and providing laboratory support in Short Term Training Programs.

Contributions

- **Course and e-classroom development for SWAYAM:** Design and integrate various e-classroom equipment, build an operational manual for e-classroom, developed an App for playing live stream videos broadcasted from NITTR e-classroom, the support given in designing SWAYAM based courses.
- **Website Development and Maintenance:** Develop and maintain the Institute's website and Alumni registration portal using Php and MySQL.
- **Management Information System (MIS) Development:** Develop an MIS portal for Community Development Through Polytechnics (CDTP) in order to manage the data and generate various reports effectively.

Publication – International Conference

- **Singha Roy, S.,** Garai, C., & Dasgupta, R. (2015). Performance analysis of parallel CBAR in MapReduce environment. In International Conference on Computing, Communication and Security (pp. 1-7). Pamplemousses, Mauritius: IEEE.
- Dasgupta, D., Roy, S., **Singha Roy, S.,** & Chakraborty, A. (2016). Survey and Analysis of Mining Requirements in Spatio-Temporal Database. In Computer, Communication and Electrical Technology: Proceedings of the International Conference on Advancement of Computer Communication and Electrical Technology (pp. 91-95). West Bengal, India: CRC Press.
- Goswami, P., **Singha Roy, S.,** & Dasgupta, R. (2017). Design of an Architectural Framework for Providing Quality Cloud Services. In 13th Int'l Conf on Grid, Cloud, and Cluster Computing (pp. 17-23). Las Vegas, Nevada, USA: CSREA Press.
- Majumdar, A., **Singha Roy, S.,** & Dasgupta, R. (2017). Job Migration Policy in a Structured Cloud Framework. In International Conference on Computational Science and Computational Intelligence (pp. 1529-1534). Las Vegas, Nevada, USA: IEEE Computer Society.
- Sengupta, D., **Singha Roy, S.,** Ghosh, S., & Dasgupta, R. (2017). Modified K-means Algorithm for Big Data Clustering. In International Conference on Computational Science and Computational Intelligence (pp. 1443-1448). Las Vegas, Nevada, USA: IEEE Computer Society.
- **Singha Roy, S.,** P Goswami, S Mukherjee (2019). A Novel Approach-Cloud-Based Smart Secure Patient Data Handling System for Medical Organizations. In International Conference on Global Health & Medical Tourism (GloHMT) (pp. 379-383). Indian Institute of Management Kozhikode.

Proficiency in Languages

- Bengali(R/W/S), English(R/W/S) and Hindi(S).

Industrial Training Details

1. Training on :- DBMS concepts & Oracle
Training place:- MCAPL(IBM ACE), Salt Lake
Training duration:- 36 hrs.
2. Training on:- JEE
Training place:- Webel/HCL IT Solutions, Salt Lake
Training duration:- 80 hrs.

Projects

"Hospital Management System" [Purpose:-Industrial]

Our Project Goals were:

- 1) To keep the record of doctor, patient & other information of hospital.
- 2) The application keeps data in an organized way & can be fetched as required.

Tool Used In This Project: Oracle 10g.

"Online Student Library Management System" [Purpose:-Industrial]

Our Project Goals were:

- 1) This online library helps the students to sign in and keep a track of their profile and check about the books which have been issued to their names.

Tool Used In This Project: HTML, JSP, JavaScript, CSS, NetBeans IDE, Apache Tomcat, Oracle(as backend database).

Sex, Date of Birth, Marital Status

Male, 30th December 1990, Single

Interests

- o Love to travel to different places especially mountains, play computer games, watching cartoons.

Declaration

I hereby declare that the information given above is correct to the best of my knowledge.

Place:

Date:

Sayantana Singha Roy