

Name: Mr Biswajit Saha



Department: Computer Science and Engineering

Contact Nos.: 9433153984/8910513429

Qualifications: B.E, M.E

Designation: Assistant Professor

VIDWAN ID: 193423

Experience (Teaching / Research / Industry, in years): 19

Date of Joining at the Present Institution: 10/01/2014

Examinations Cleared: NET-CSIR/GATE NA

Qualifications Summary (Reverse chronological order):

Degree/Diploma	Institute	From - To	Subjects
P.G.D.B.A - Course approved by joint council of UGC, AICTE, DEC	Pondicherry University (Directorate of Distance Education)	2015 - 2017	Business Administration
M.E	Jadavpur University	2003- 2004	Software Engineering
B.E	Burdwan University	1998-2002	Computer Science and Engineering

Experience Summary (In chronological order):

Serial No.	Designation	Organization	Date From - Date To
1	Lecturer	NITMAS(erstwhile ITME)	July 2002 - July 2006
2	Lecturer senior scale	NITMAS(erstwhile ITME)	Aug 2006 - Oct 2009
3	Assistant Professor	NITMAS(erstwhile ITME)	Nov 2009 - Nov 2012
4	Associate Professor	NITMAS(erstwhile ITME)	Dec 2012 - Dec 2013
5	Assistant Professor	Dr.B.C Roy Engineering College	Jan 2014 -Till date

Specialization/Research Interest: Software Engineering

Awards & Recognitions

Best paper/ scholarship/Position in university exam / awards while at industry/ other organizations etc.

1. Among the **top 5%** of all those who completed the course on Stress Management offered by **IIT Kharagpur - NPTEL** and held during August 2018 - September 2018.
2. Selected as an **Evaluator** for the **Toycathon-2021 Grand Finale** organized by the **Ministry of Education's Innovation Cell** and **AICTE**.

Courses taught:

B.Tech: Specify the name of the subject/s (Theory first and then practical)

M.Tech: specify the name of the Subject/s

B.Tech:

Theory:

1. Programming for Problem Solving.
2. Data Structure & Algorithm.

Practical:

1. Programming for Problem Solving.
2. Data Structure & Algorithm Lab.

M.Tech:

1. Soft Computing.
2. Advanced Soft Computing.

Online Mode of Teaching:

The Faculty member needs to specify the online teaching/ assessment method adopted. (Link to any faculty created resources for Lecture notes / PPT/ Video Lecture etc. in Google Drive /

Weblink etc)

Online Teaching: Cisco Webex and Google Meet.

Assessment Method: MCQ and Assignment.

Publications:**Journal:**

1. **Biswajit Saha**, "Green Computing", International Journal of Computer Trends and Technologies, August 2014, Volume 14 number 2, pp. 46-50, E-ISSN: 2231-2803.
DOI: [10.14445/22312803/IJCTT-V14P112](https://doi.org/10.14445/22312803/IJCTT-V14P112)
Link: <http://ijcttjournal.org/archives/ijctt-v14p112>
2. **Biswajit Saha**, "E Commerce Adoption By Micro, Small & Medium Sized Enterprises of Bangladesh", March 2015, Volume 6 Issue 3, pp 106-116, E-ISSN: 0976-6510.
Link: <http://www.iaeme.com/citearticle.asp?Ed=4649&Jtype=IJM&VType=6&Itype=3>
3. **Biswajit Saha**, et al. "Complex Networks, Communities and Clustering: A survey." *arXiv preprint arXiv:1503.06277 (2015)*.
Link: <https://arxiv.org/abs/1503.06277>
4. **Biswajit Saha**, Utpal Kumar Ray. "Learning Programming: An Indian Perspective." *arXiv preprint arXiv:1506.08712 (2015)*.
Link: <https://arxiv.org/abs/1506.08712>
5. **Biswajit Saha**, et al. "Optimization of Geometry, Processes, Signals and Systems in Real World Engineering Problems by Cuckoo Search - A Survey of Recent Literature." International Journal of Computer Trends and Technology, August 2016, Volume 38 number 1, pp. 29-37, E-ISSN: 2231-2803.
DOI: [10.14445/22312803/IJCTT-V38P107](https://doi.org/10.14445/22312803/IJCTT-V38P107)
Link: <http://www.ijcttjournal.org/archives/ijctt-v38p107>
6. **Biswajit Saha**, Debaprasad Mukherjee, "Analysis of Applications of Object Orientation to Software Engineering, Data Warehousing and Teaching Methodologies", "International Journal of Computer Sciences and Engineering", 2017,5,(9), pp. 244-248, E-ISSN: 2347-2693
DOI: [10.26438/ijcse/v5i9.244248](https://doi.org/10.26438/ijcse/v5i9.244248)
Link: https://www.ijcseonline.org/full_paper_view.php?paper_id=1464
7. **Biswajit Saha**, "Green Computing: Current Research Trends", "International Journal of Computer Sciences and Engineering", 2018,6,(3), pp. 467-469, E-ISSN: 2347-2693
DOI: [10.26438/ijcse/v6i3.467469](https://doi.org/10.26438/ijcse/v6i3.467469)
Link: https://www.ijcseonline.org/full_paper_view.php?paper_id=1830

Book: None

Book Chapter: None

Supervision of Ph.D/M.Tech/ B.Tech Projects:**Projects:**

1. N Vishal Rao (12000117081), Kaustuv Mandal (12000117090), Dhananjay Kumar Choubey (12000117097), Biswajit Saha, " Quick Tour Explorer" , 2021.

Invited Lectures: None

Participation in seminar/conference/symposium/workshop/discussion meeting

Name of the event, duration, Year, Organized by.

Serial No.	Name of the event	Duration	Year	Organized by
1	IEEE sponsored "National Conference on Emerging Trends on Sustainable Technology and Engineering Applications 2020"	07/02/2020 to 08/02/2020	2020	Dr. B.C Roy Engineering College
2	Webinar- Psychological Counseling	18/05/2020-1 day	2020	MAKAUT
3	Webinar-Post COVID-19 Role of Science and Technology	19/05/2020-1 day	2020	IEEE India Council
4	Webinar-Celebrate Biodiversity and Environment	06/06/2020-1 day	2020	DR. B.C Roy Polytechnic
5	Python and It's Application in Robotics	26/06/2020-1 day	2020	TCS
6	Live Talk Show - Global online Learning Platforms & Future of Jobs	27/06/2020- 1 day	2020	INDIASPARK
7	Webinar - IEEE-ABET Webinar on Accreditation and Quality of Engineering Education in South Asia	08/07/2020- 1 day	2020	IEEE India Council
8	Certification Programme -Python for Beginners	30 hours self paced	2020	EICT Academy IIT Roorkee and CloudXLab
9	Certification Programme -Python for Machine Learning	40 hours self paced	2020	EICT Academy IIT Roorkee and CloudXLab
10	Seminar on "Next Generation Cooperative Networking system"	11/04/2017	2017	Dr. B.C Roy Engineering College
11	Seminar on "Fuzzy Set Theory and Applications"	30/11/2017 - 02/12/2017	2017	Department of Mathematics, NIT Durgapur
12	Short Term Training Programme - Database Design Theory and Practice	31/01/2011 to 04/02/2011 5 day	2011	NITTTR Kolkata
13	Short Term Training Programme - Formal Languages and Automata	23/05/2011 to 27/05/2011 5 day	2011	NITTTR Kolkata
14	Short Term Training Programme -	06/06/2011 to	2011	NITTTR Kolkata

	Design of Business Application using Software Engineering Approach"	17/06/2011 10 days		
15	Oracle PL/SQL Developer Certified Associate (O.C.A)	Self Paced	2009	Oracle University
16	Training Course - Training for Trainers and Assessors	12/07/2004 to 24/07/2004	2004	Seacom Marine College

Participation in faculty development programmes

Name of the faculty development programmes, Online / Face-to-face/ From Date - To Date, Duration, Year, Organized by.

Serial No.	Name of fdp	Online / Face-to-face	From Date - To Date	Duration	Year	Organized by
1	Outcome Based Pedagogic Principles For Effective Teaching	Online	Feb Mar 2018	4 weeks equivalent to 0.5 FDP of 1 week	2018	NPTEL - IIT Kharagpur
2	Stress Management	Online	Aug Sep 2018	4 weeks equivalent to 0.5 FDP of 1 week	2018	NPTEL - IIT Kharagpur
3	Software Engineering	Online	Jul Oct 2018	12 weeks equivalent to 1.5 FDP	2018	NPTEL - IIT Kharagpur
4	Cognition, Transformation and Lives	Online	Jul Aug 2019	4 weeks equivalent to 0.5 FDP of 1 week	2019	NPTEL - IIT Kanpur
5	Wellness and Stress Management During Pandemic	Online	15/06/2020 to 19/06/2020	1 week FDP	2020	NITTTR - CHANDIGARH
6	Data Analytics With Python	Online	22/06/2020 to 26/06/2020	1 week FDP	2020	NITTTR - CHANDIGARH
7	Free Tools for Research and Publications	Online	27/07/2020 to	1 week FDP	2020	NITTTR - CHANDIGARH

			31/07/2020			
8	Research Methodology	Online	17/08/2020 to 21/08/2020	1 week FDP	2020	NITTTR - CHANDIGARH
9	Machine Learning and Predictive Mining Using Python	Online	24/08/2020 to 28/08/2020	1 week FDP	2020	NITTTR - CHANDIGARH
10	Blended Learning and Flipped Classroom	Online	31/08/2020 to 04/09/2020	1 week FDP	2020	ATAL Academy NITTTR - CHANDIGARH
11	Foundations and Practical Aspects of Cyber Security	Online	15/12/2020 to 19/12/2020	1 week FDP	2020	ATAL Academy - Dr. B.C Roy Engineering College
12	Artificial Intelligence	Online	01/01/2021 to 05/01/2021	1 week FDP	2021	ATAL Academy - Aditya Institute of Technology and Management (A)
13	How to set-up and manage a Business Start-up	Online	11/01/2021 to 15/01/2021	1 week FDP	2021	NITTTR - CHANDIGARH
14	Training for Social Connectedness and Inspiration	Online	01/02/2021 to 05/02/2021	1 week FDP	2021	ATAL Academy - Ramakrishna Mission Vivekananda Educational and Research Institute
15	Cyber Security	Online	22/02/2021 to 27/02/2021	1 week FDP	2021	EICT - IIT Kanpur

16	IoT and Cyber Security	Online	10/05/2021 to 14/05/2021	1 week FDP	2021	NITTTR - CHANDIGARH
17	Python	Online	24/05/2021 to 29/05/2021	1 week FDP	2021	EICT - IIT Kanpur
18	Advanced Excel with Data Visualization	Online	31/05/2021 to 05/06/2021	1 week FDP	2021	EICT - IIT Kanpur
19	Emerging Trends In The Field of Artificial Intelligence and Machine Learning Applications	Online	14/06/2021 to 18/06/2021	1 week FDP	2021	ATAL Academy - Institute of Engineering & Management
20	Data Science	Online	11/06/2021 to 27/06/2021	2 week FDP (weekend)	2021	EICT - IIT Kanpur
21	Tools and Techniques for Machine Learning and its Applications	Online	05/07/2021 to 10/07/2021	6 days AICTE sponsored STTP	2021	MAKAUT
22	Artificial Intelligence & Machine Learning Using Python	Online	26/07/2021 to 06/08/2021	2 weeks	2021	Finland Labs
23	3D Printing and Design	Online	17/08/2021 to 21/08/2021	1 week	2021	Dr. B.C Roy Engineering College

Other NPTEL Courses Completed:

Serial No.	Course Name	From Date - To Date	Duration	Year	Organized by
1	Effective Engineering Teaching In Practice	Jan Feb 2020	4 weeks	2020	NPTEL - IIT Madras
2	NBA Accreditation and Teaching - Learning in Engineering (NATE)	Jan Apr 2020	12 weeks	2020	NPTEL - IISc Bangalore

Organization of events (Dr. B. C. Roy Engineering College)

Name of the event, Date, Year None

Participation in administrative committees (selected)

Name of the post (Convener/Joint Convener/Member secretary/Co-ordinator etc.), Name of the committee, year

1. MAR and MOOCs Co-ordinator of CSE Department, Dr. B.C Roy Engineering College, September 2019 till date.
2. Academic Audit Committee member of CSE Department, Dr. B.C Roy Engineering College, 2020.
3. As Centre in Charge of WBJEE 2013 (Centre - NITMAS(erstwhile ITME)).
4. As an Examination Supervisor appointed by West Bengal University of Technology for the semester examinations conducted by the University from December 2005 to June 2007.
5. Reappointed as an Examination Supervisor by West Bengal University of Technology for the semester examinations conducted by the University from December 2009 to December 2010.

Project Ideas Submitted to Govt. Agencies/ On-going Projects / Research Ideas under preparation & execution None**Membership of professional bodies: IEEE, IETE, IEL, CSI, MGMI etc.**

1. ACM. 3986435.
2. The Institution of Engineers (India). M- 145 783 -1.
3. The Indian Science Congress Association. L21647.
4. Computer Science Teachers Association.