Name: Dr. Abhijit Biswas

Designation: Assistant Professor

Branch: Computer Science and Engineering

Educational Qualification(s):

Qualification(s)	University
BCA	Tripura University
MCA	SRM University, Chennai
PhD in CSE	The ICFAI University, Tripura

Experience in years:

Academic : 14 years and 7 months

Details:

Sl. No.	Organization	Position Held	Duration From	To
1	The ICFAI University, Tripura	Assistant Professor	19.12.2008	Till Date

Other Information:

1. PAPER PUBLISHED IN JOURNAL

Sl. No.	Title of paper published	Name of Journal,	Volume & Page No	Journal/Magazine Edition
1	A Survey on Scheduling Based MAC Protocol for congestion Minimization in Internet of Things (IoT)	Turkish Journal of Computer and Mathematics Education	Vol. 12 No. 2 (2021) & **e-ISSN** 1309-4653	Scopus Indexed
2	Interference cancellation and efficient channel allocation for primary and secondary users	International Journal of Information Security and Privacy(IJISP).	Vol: 16(2). Pages: 18 September, 2022, IGI Global Publishing.	Scopus Indexed, UGC Care.

	using hybrid cognitive machine-to-machine (M2M) MAC routing protocol			
3	Cross Layer based AODV (CLAODV) Routing for MANET	International Journal of Research in Engineering, Science and Management	Volume-3, Issue-8, August-2020	ISSN (Online): 2581-5792 | RESAIM Publishing.
4	Teaching for Tomorrow: The Changing Role of Teachers in the Connected Classroom	Teaching Pedagogy (Current Issues)	ISBN: 978-93-81274-34-7, Page No. 247-253.	Published: New Delhi Publishers, First Edition, 2013,
5	The Role of Science and Technology Education at Network Age Population for Sustainable Development of Tripura:	ICFAI University, Tripura Journal of Advance Research and Development	Volume 01, Number: 01, October, 2015 – March 2016, Page no. 92-97	ISSN 2455–7846
6	ICTs and Empowerment of Indian Rural Women	ICFAI University, Tripura Journal of Advance Research and Development	Volume 2, No.2 & Volume 3, No.1 (October 2016- September 2017). Page No: 112-125	ISSN 2455–7846

2. PAPER PRESENTATION IN CONFERENCE

SI. No.	Title of the Paper	Details
1	A Survey on Scheduling Based Mac Protocol for Congestion Minimization In Internet Of Things (IoT)	International Conference on Emerging Technologies in Electrical Engineering (ICETEE-2020) held at Malla Reddy College of Engineering and Technology, Hyderabad on 21st & 22nd August, 2020.
2	Enhancing the Channel Quality in Cognitive Network by Traffic Reduction Method	International Conference on Communication and Intelligent Systems(ICCIS-2022) organized by Arya Institute of Engineering and Technology , Jaipur held on 18th & 19th February, 2022.

3. PAPER PUBLISHED IN MAGAZINE

SI No	Paper	Name of the magazine	Quarter	Volume
1	Modern Era: A study of living with Science.	The Education Charter, Educational Ladder To Success, CCLP Worldwide, 17 Tara Chand Dutt Street, Kolkata-700073	Jan-Mar 2011	Vol 1, Issue 2, Page No. : 26-33

4. PAPER PUBLISHED IN EDITED BOOK

SI. No.	Title of paper published	Book	Publishers	Edition, ISBN and Year	Page No
1	Impacts of Information and Communication Technologies in Sustainability: speculations and evidence	Higher Education for Sustainable Livelihood	Excel Publishers	First Impression: 2012. ISBN: 978-93-81361-75-7. Editor: Dr. Debasish Paul	142-153

| 2 | Education for Sustainable Development under Globalization and the Reforms of Teaching and Learning Methods in Higher Education | Higher Education for Sustainable Livelihood | Excel Publishers | First Impression: 2012. ISBN: 978-93-81361-75-7. Editor: Dr. Debasish Paul | 154-161 |
| 3 | Achieving Equal Opportunity for Socio-Economic Backward Class Peoples through ICT. | Equal Opportunity in the Context of Social and Human Development. | New Delhi Publishers | First Edition, ISBN: 978-93-81274-79-8 | 1-8 |

5. PAPERS PRESENTED IN SEMINARS

Sl. No.	Seminar status	Date	Seminar name	Title of the paper	Organized by
1	International level	17.12. 2010	International seminar on the theme "Higher Education for Sustainability and Livelihood".	Modern Era: A study of living with science.	Assam University (A Central University), Silchar.
2	State level	13.02.2011	State level seminar on "Identification of Research Priorities in	Research possibility in ICT in School education of Tripura.	IGNOU, Tripura

					Tripura."
3	Regional level	07.04.2011	North Eastern Regional Seminar on Information Technology.	ICTs in Education: Implementation and Engagement.	Faculty of Management Studies (FMS) Department, ICFAI University, Tripura.
4	Regional level	08.04.2011	North Eastern Regional Seminar on Information Technology.	Data Security in DBMS: Implementation and Effectiveness.	Faculty of Management Studies (FMS) Department, ICFAI University, Tripura
5	National level	03.06.2011	National seminar on "Pedagogy-Trends in Teaching And Learning."	E-Learning: Prospects And Challenges	Faculty of Education Department, ICFAI University, Tripura
6	National level	04.06.2011	National seminar on "Pedagogy-Trends in Teaching And Learning."	Teaching for tomorrow: The changing role of Teachers In the connected Classroom.	Faculty of Education Department, ICFAI University, Tripura
7	National level	08.09.2011	National seminar on the theme " Tripura We Dream: Science & Technology Interventions "	Perspectives on the role of Science and Technology education at network age population for sustainable development of Tripura.	Jointly organized by Tripura State Council for Science & Technology and ICFAI University, Tripura.
8	National level	08.09.2011	National seminar on the theme " Tripura We Dream: Science & Technology	Innovations in Science and Technology Education through	Jointly organized by Tripura State Council for Science & Technology and ICFAI University,

			Interventions "	Science Teacher Associations of Tripura.	Tripura.
9	International level	29.10.2011	International Seminar On the theme "Globalization: Its Issues and Challenges with Special Reference to India".	Globalization through Information Technology: Its Impact on Global Management	Jointly organized by Holy Cross College & Tripura University
10	National level	14.07.2012	National Seminar on Equal Opportunity in the context of Social and Human Development (with special reference to North-East India)	Achieving equal opportunity for Socio-Economic backward class peoples through ICT	Dasaratha Deb Memorial College, Khowai,Tripura
11	International Level	23.06.2016 & 24.06.2016	ICSSR Sponsored International seminar on "Empowering Women to Lead Change"	ICTs and Empowerment of Indian Rural Women	ICFAI University, Tripura
12	International Level	09.02.2017 & 10.02.2017	International Seminar on 'Women Empowerment Through Self Help Group(SHG)	Role of Information Technology for Promoting Women Empowerment Especially with reference to	ICFAI University, Tripura

			in India' 09-10 February 2017	Members of Self Help Groups	
13	National Level	17.03.2017 & 18.03.2017	National Conference on "Recent Trends in Engineering & Technology" organized by TIT, Agartala.	Role Of Data Mining In Cloud Computing	TIT, Agartala
14	National Level	13.07.2017 & 14.07.2017	National Seminar " 21st Century Trends in Teaching and Learning"	The Scope And Challenges Of Digital Technology In Higher Education Learning And Teaching.	ICFAI University, Tripura
15	International Level	7.6.2018 & 8.6.2018	International Seminar on "Entrepreneurship and Sustainable Development: Growth, Prospect and Challenges in Globalised Era"	Information and Communication Technology (ICT) Revolution: Its Impact and Sustainable Development	ICFAI University, Tripura

6. PARTICIPATION IN THE WORKSHOP/FDP/GUEST LECTURE

Sl. No.	Workshop / Symposium	Organized By	Venue	Dated

1	Faculty Development Programme workshop	ICFAI University, Tripura	ICFAI University, Tripura	11.05.2009 to 16.05.2009
2	Faculty Development Programme workshop	ICFAI University, Tripura	ICFAI University, Tripura	31.05.2010 to 06.06.2010
3	Faculty Development Programme workshop	ICFAI University, Tripura	ICFAI University, Tripura	06.06.2011 to 11.06.2011
4	Image Processing workshop	ICFAI University, Tripura	ICFAI University, Tripura	14.11.2011 & 15.11.2011
5	Entrepreneurship & Business Plan Workshop	An initiative of Nurture Talent Academy in association with Confluence, IIM Ahmedabad	ICFAI University, Tripura	28.10.2014
6	National Workshop on "Computational Information Processing"	ICFAI University, Tripura in collaboration with Indian Statistical Institute, Kolkata	ICFAI University, Tripura	03.02.2015 to 04.02.2015
7	Workshop on "Intellectual Property Rights"	ICFAI University, Tripura in collaboration with Tripura State Council of Science and Technology	ICFAI University, Tripura	26.02.2015
8	Workshop on "ICT Based Language Translation"	ICFAI University, Tripura and CD AC	ICFAI University, Tripura	01.10.2015
9	Workshop on "Cyber Suraksha"	ICFAI University, Tripura & Tripura Cyber Force, Tripura	ICFAI University, Tripura	15.10.2015
10	Workshop on " AISHE of the Colleges/Institutions of Higher Education of Tripura"	AISHE Unit, Dept. of Higher Education, Govt. of Tripura	Pragna Bhawan, Agartala	29.12.2015
11	National Workshop on "Android Application Development"	CSE Department, NIT, Agartala	NIT, Agartala	10.03.2016 & 11.03.2016
12	Seminar on "High Speed Internet Connectivity through Bangladesh towards Development of North-eastern region of India".	The Institution of Engineers(India), Tripura State Centre jointly with NIT, Agartala, TIT, IUT, Techno India and Tripura University	Seminar Hall of The Institution of Engineers(India), Tripura State Centre	26.03.2016

13	Workshop on "Smartphone Application Development using Android"	ICFAI University, Tripura	ICFAI University, Tripura	20.03.2017 to 22.03.2017
14	Workshop on "Virtual Lab"	ICFAI University, Tripura in collaboration with IIT , Delhi	ICFAI University, Tripura	19.05.2017
15	Faculty Development Programme workshop	FST, ICFAI University, Tripura (Resource person: Dr. T.K Basu, Retd. Prof., IIT, Kharagpur)	ICFAI University, Tripura	17.07.2017 to 20.07.2017
16	Workshop on "Virtual Lab"	ICFAI University, Tripura in collaboration with IIT , Delhi	ICFAI University, Tripura	30.10.2017
17	Three Days North-East Program on "Advanced Data Analysis with R-Software"	Indian Statistical Institute, SQC and OR Unit, Bangalore jointly with ICFAI University, Tripura	ICFAI University, Tripura	28.11.2017 to 30.11.2017
18	NPTEL SPOC Workshop	IIT Kharagpur, West Bengal	Kolkata	03.08.2018
19	National Workshop on "Emerging Trend in Information Technology in University Management"	ICFAI University, Tripura in Collaboration with Association of Indian Universities (AIU), New Delhi	ICFAI University, Tripura	01.12.2018 to 03.12.2018
20	National Workshop on "Emerging Technology in I T".	ICFAI University, Tripura in Collaboration in collaboration with IBM, Bangalore.	ICFAI University, Tripura	25.03.2019 & 26.03.2019
21	Seminar on "Bridging the standardization gap" in connection with observance of World Telecommunication and Information Society Day.	IEI(India), Tripura State Centre jointly with DIT, Govt. of Tripura & NIELIT	Seminar Hall, IEI Agartala	17.05.2019
22	Faculty Development Programme on Learning Management Systems .	Faculty of Science and Technology department	ICFAI University, Tripura	8.7.2019 to 10.07.2019
23	Workshop on "Machine Learning using Python"	Department of Computer Science and Engineering	ICFAI University, Tripura	25.10.2019 & 26.10.2019
24	Workshop on "Network Security"	Department of Computer Science and Engineering	ICFAI University, Tripura	14.11.2019 & 15.11.2019

25	Workshop on "Data Sciences"	Department of Computer Science and Engineering	ICFAI University, Tripura	27th to 31st January, 2020
26	Seminar on "Intellectual Property Rights"	Faculty of Science and Technology department	ICFAI University, Tripura	31.01.2020
27	Workshop on "Blockchain Technology"	Department of Computer Science and Engineering	ICFAI University, Tripura	6th & 7th February, 2020
28	Online Guest lecture on "Artificial Intelligence"	Department of Computer Science and Engineering	ICFAI University, Tripura	15.05.2020
29	Online Guest lecture on "IT driven Startups & Innovation"	Department of Computer Science and Engineering	ICFAI University, Tripura	18.05.2020
30	Online Guest lecture on "IoT"	Department of Computer Science and Engineering	ICFAI University, Tripura	22.05.2020
31	Online Guest lecture on "Android Technology"	Department of Computer Science and Engineering	ICFAI University, Tripura	26.05.2020
32	Online Guest lecture on " Running trends in software companies for web technology and various type of carriers in software company."	Department of Computer Science and Engineering	ICFAI University, Tripura	10.06.2020
33	Online Guest lecture on " DevOps"	Department of Computer Science and Engineering	ICFAI University, Tripura	22.06.2020
34	Online guest lecture on "Career industry by using Oracle DBA"	Department of Computer Science and Engineering	ICFAI University, Tripura	08.7.2020
35	FDP on Learning Management Systems	Faculty of Science and Technology	ICFAI University, Tripura	1.7.2020 to 7.7.2020
36	Online Guest Lecture on "Data Science"	Department of Computer Science and Engineering	ICFAI University, Tripura	22.10.2020
37	Online Guest Lecture on "Artificial Intelligence"	Department of Computer Science and Engineering	ICFAI University, Tripura	09.12.2020
38	Online Guest Lecture on "Big Data & Hadoop"	Department of Computer Science and Engineering	ICFAI University, Tripura	11.01.2021

39	FDP on "Machine Learning and Optimization for Uncertain Decision Making"	Department of Computer Science and Engineering	NIT Warangal	5th March to 9th March, 2021
40	Workshop on "Web Security"	Department of Computer Science and Engineering	ICFAI University, Tripura	06.05.2021 & 07.05.2021
41	Online FDP on "Artificial Intelligence and Machine Learning"	Department of Computer Science and Engineering	ICFAI University, Tripura	13th to 17th September, 2021
42	Participated in the Online FDP on "Artificial Intelligence, Machine Learning & Robotics"	Department of Computer Science and Engineering	USTM	6th to 10th September, 2021
43	Workshop on "Advanced Application Penetration Testing".	Department of Computer Science and Engineering	ICFAI University, Tripura	07.04.2022 & 08.04.2022
44	Online FDP on "Recent Trends in Computer Science and Engineering"	Department of Computer Science and Engineering	ICFAI University, Tripura	01.08.2022 to 05.08.2022
45	Workshop on "Data Science and Machine Learning".	Department of Computer Science and Engineering	ICFAI University, Tripura	09.11.2022 & 10.11.2022
46	Workshop on "Machine Learning Using Python".	Department of Computer Science and Engineering	ICFAI University, Tripura	28.03.2023 & 29.03.2023
47	FDP on "The Recent trends in Technology".	EE and ECE department	ICFAI University, Tripura	03.07.2023 to 07.07.2023