

JEET BANERJEE

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D.O.B: 01-06-1991

**OBJECTIVE**

To become a human being possessing ethics of high quality along with an excellent technocrat extending my support in the path of my nation's progress.

PROFILE AND CORE SKILLS

- **Team Building and Leadership Quality.**
- **Outcome-based learning and teaching skills.**
- **Research-driven outlook as well as online teaching & learning (blended) skills.**

ACADEMIC AND PROFESSIONAL QUALIFICATION

SL	QUALIFICATION	INSTITUTION	BOARD/UNIVERSITY	YEAR	MARKS/GRADE %	MEDIUM
1	PhD (Thesis Submitted, 07-06-2024) PhD Registration No. NITD/PhD/EC/2018/01034	National Institute of Technology Durgapur (NIT, Durgapur)	NIT Durgapur	2016	(Thesis Submitted, 07-06-2024) & Recommended for PhD Defense on 03-09-2024	English
2	M. Tech (ECE)	Netaji Subhash Engineering College	MAKAUT (formerly WBUT)	2015	77.8 (CGPA 8.53)	English
3	B.Tech. (ECE)	Kanksa Academy of Technology & Management	WBUT	2013	74.6 (CGPA 8.21)	English
4	10+2	DAV Public School	CBSE	2009	74.80	English
5	10 th	DAV Public School	CBSE	2007	84.00	English

Work Experience:

Employer	Address Of Employer	Designation	CTC (per annum)	DOJ
Technique Polytechnic Institute (NBA Accredited)	Panchrokhi, Sugandhaya, Hooghly (W.B.)	Lecturer	Rs. 320328	17/06/2015
Adamas University	Barasat, North 24 Parganas, Kolkata-700126	Assistant Professor	Rs. 780000	01/04/2017

Total Experience in Teaching	9 Years 6 Months
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ACHIEVEMENT'S

1. Recipient of Outstanding Paper Award at the 30 th West Bengal State Science and Technology Congress held on 1 st March 2023 at Science City Kolkata.
2. Recipient of Outstanding Paper Award at the 5 th Regional Science and Technology Congress, 2023 (Region 3-Nadia and North 24 Parganas) organized by Dept. of Science and Technology & Biotechnology, Govt. of West Bengal and West Bengal State University.
3. Elected as the Youngest Executive Council Member of the IETE Kolkata Centre via State-wide elections for the term 2022-2024.
4. Recipient of Best Paper Award at 1st International Conference on Electronic Devices & Computational Techniques (EDCT-2018).
5. Recipient of Best Paper Award at National Conference in Frontiers in Modern Physics (NCFMP 2018) Department of Physics, Adamas University, NCFMP-2018).
6. Total number of publications by undergraduate (B.Tech) students under my supervision 12 (between 2019 to 2024 November).
7. Recipient of Appreciation from IETE , New Delhi for setting up of IETE Students' Forum (ISF) 2019.
8. Mr. Banerjee created the IETE Students' Forum (ISF) at the Dept. of ECE (Adamas University) in November 2019 and it was conferred as the Best ISF under IETE Kolkata Centre in the IETE ISF Convention 2021 and 2024 consecutively.
9. Finalist in the 4 th Regional Science and Technology Congress (Western Region, University of Burdwan), Dept. of Science and Technology, Govt. of West Bengal, 2019.
10. Recipient of Best Teacher Award (ECE) from Adamas University, Kolkata, 2019.
11. A group of undergraduate (from 1st year B.Tech) have won the 2nd Best Model Prize (A compact Antenna for 5G, IoT, USB-dongle and UWB applications) at International Conference on Current Trends in Higher Education ICCTHE -ADAMAS 2019.
12. Finalist in IEEE Technological Innovation Award for Students 2015.
13. Mr. Banerjee has acquired the 2nd position in the Model Presentation competition held during the Technical Fest (Technotsav 2013 , April 5 th and 6 th 2013) organized by KATM Durgapur (Techno India Group).

Research Guidance:

PhD candidate under the guidance of Dr. Rowdra Ghatak (Professor, Department of ECE, NIT, Durgapur)-Registration No. NITD/PhD/EC/2018/01034 (THESIS SUBMITTED 07-06-2024 & Recommended by Reviewers (Foreign and Indian) for PhD Defense 03-09-2024).
Title of <i>Ph.D.</i> – Some Studies on Compact Ultra-wideband Multiple Input Multiple Output Antennas for Wireless Devices.

List of Publications:

a. Paper publications in International Journals: **05 (SCI Indexed)**

S. No.	Title of Paper	Author(s)	Name of Journal, ISSN, Abstracted or Indexed	Vol. & Year	Pages
1	Development and Investigation of a compact band-notched MIMO antenna attaining wideband isolation for UWB Applications	Jeet Banerjee, Abhik Gorai and Rowdra Ghatak	Journal of Electromagnetic Waves and Applications (Taylor and Francis) SCI INDEXED	Published 28-06-2024. Vol. 38, Issue 11 & 2024	1283-1299
2	A Compact UWB MIMO Antenna Augmented with Isolation Improvement Structures in Situ with Ground Stubs and Slots	Jeet Banerjee, Abhik Gorai and Rowdra Ghatak	International Journal of Microwave and Wireless Technologies. SCI Indexed	Published online 5 th April, 2024 doi:10.1017/S1759078723001150	1-12.

3	A novel isolation improvement technique using fractal neutralization line with dual band rejection attributes in a compact UWB MIMO antenna	Jeet Banerjee, Abhik Gorai and Rowdra Ghatak	International Journal of Microwave and Wireless Technologies. SCI Indexed	doi:10.1017/S175907872001349 & 2022	1-12
4	Design and Analysis of a Compact UWB MIMO Antenna incorporating Fractal Inspired Isolation Improvement and Band Rejection Structures	Jeet Banerjee, Abhik Gorai and Rowdra Ghatak	International Journal of Electronics and Communications (AEU) (Elsevier) SCI INDEXED	122 & 2020	153274
5	Compact CPW-fed UWB MIMO antenna with a novel modified Minkowski fractal defected ground structure (DGS) for high isolation and triple band-notch characteristic	Jeet Banerjee, Anirban Karmakar, Rowdra Ghatak and Dipak Ranjan Poddar	Journal of Electromagnetic Waves and Applications (Taylor and Francis), Print ISSN: 0920-5071 Online ISSN: 1569-3937, SCI INDEXED	31 & 2017	1550-1565.

b. Papers publication in National/ International Conferences: 22

S. No.	Title of Paper	Coauthor(s), if any	Name of Conference, ISBN, Indexed	Date & Years
1	An ultra-wideband monopole antenna using Fractal shaped Parasitic Resonator for band notching characteristics	Jeet Banerjee, Anirban Karmakar, and Rowdra Ghatak	2015 International Conference on Microwave and Photonics (ICMAP), ISBN: 978-1-4673-6898-8. IEEE Xplore	11-13 Dec., 2015
2	A compact printed UWB monopole antenna with triple band notch characteristics for wireless applications	Jeet Banerjee, A. Karmakar, P. Debnath, P. Das, S.Sengupta, P.Chakraborty, A. Bhattacharjee, U. Banerjee, and A. Saha	6 th International Conference on 'Computing, Communication and Sensor Networks, ISBN: 81-85824-46-0.	Dec. 30 th and 31 st , 2017
3	A Compact Printed UWB MIMO Monopole Antenna with Modified Complementary Fractal for Isolation Improvement and Triple Band Notch Characteristics	Jeet Banerjee, Anirban Karmakar, and Rowdra Ghatak	2018 Fifteenth International Conference on Wireless and Optical Communications Networks (WOCN), ISBN: 978-1-5386-4799-8 IEEE Xplore	2 nd , 3 rd and 4 th of Feb 2018

4	A compact printed UWB monopole antenna with triple band notch characteristics	Jeet Banerjee , Anirban Karmakar, Anuradha Saha, Piyali Chakraborty, Anindita Bhattacharjee, Paramita Debnath, Piu Das	2018 3rd International Conference on Microwave and Photonics (ICMAP), ISBN: 978-1-5386-0933-0. IEEE Xplore	9-11 Feb. 2018
5	A Compact Planar UWB MIMO diversity Antenna with Hilbert Fractal Neutralization Line for Isolation Improvement and Dual Band Notch Characteristics	Jeet Banerjee , Anirban Karmakar, and Rowdra Ghatak	1 st International Conference on Electronic Devices and Computational Techniques (EDCT 2018), ISBN: 978-1-5386-1484-6., IEEE Xplore (WON BEST PAPER AWARD)	8 th and 9 th March 2018
6	A Compact Printed UWB MIMO Diversity Antenna with Modified Complementary Fractal for Isolation Improvement and Five Notch Bands	Jeet Banerjee , Anirban Karmakar, and Rowdra Ghatak	National Conference on Materials, Devices and Circuits in Communication Technology (MDCCT 2018), ISBN: 978-81-88391-55-4.	22 - 23, June, 2018
7	A UWB MIMO Diversity Antenna with Novel Fractal Defected Ground Structure (DGS) for Isolation Improvement and Triple Band Notch Characteristics	Jeet Banerjee , Anirban Karmakar, and Rowdra Ghatak	National Conference in Frontiers in Modern Physics (NCFMP 2018) Department of Physics, Adamas University, pp, 54. (WON BEST PAPER AWARD)	16 th and 17 th August 2018
8	An Ultra-wideband Diversity Antenna with Novel Fractal Neutralization Line for Isolation Improvement and Dual Band Notch Characteristics	Jeet Banerjee , Anirban Karmakar, & Rowdra Ghatak	IEEE International Microwave and RF Conference 2018. IEEE Xplore	Nov. 28 th 30 th , 2018
9.	A UWB Antenna with Bandwidth Enhancement for 5G, IoT, USB-dongle and UWB wireless applications	Sweta Bhattacharjee, Sushmita Saha, Arkya Santra, Jeet Banerjee , and Rowdra Ghatak	IEEE Region 10 Symposium, TENSYPMP 2019. IEEE Xplore	7-9 June 2019
10.	A Multi-functional Diversity Antenna with High Wideband Isolation	Jeet Banerjee , Suvajit Mallick, and Rowdra Ghatak	IEEE CALCON 2020 IEEE Xplore	28 th and 29 th February 2020

11.	A UWB MIMO Antenna Exploring Novel Fractal NL for isolation enhancement and Novel Fractal Slots for Band Rejection Attributes	Jeet Banerjee and Rowdra Ghatak	4 th Regional Science and Technology Congress (Western Region), Organized by The University of Burdwan and Depart. of Science and Technology, Govt. of W.B.	10 th December 2019
12.	An Orthogonally Oriented Multiband MIMO Antenna for WLAN, C-Band and X-Band Wireless Applications	Jeet Banerjee , Sumit Bhattacharya, Arjyaman Choudhury, Anushka Biswas, Rupam Paul, Anirban Dutta and Rowdra Ghatak	IEEE CALCON 2020 IEEE Xplore	28 th and 29 th February 2020.
13.	A Compact Koch Fractal Inspired Monopole Antenna with Enhance Bandwidth for IoT, USB-Dongle and UWB Wireless Applications	Jeet Banerjee , Arjyaman Choudhury, and R. Ghatak	IOTWR 2020	03-10-2020
14.	A compact Fractal inspired Beveled Ultra-wideband (UWB) Monopole antenna for UWB portable, UWB Medical Imaging and short range Internet of Things (IoT) applications	Jeet Banerjee , Arjyaman Choudhury, and Rowdra Ghatak	IEEE AMPHE 2020 IEEE Xplore	26-10-2020
15.	Isolation Enhancement in a Microstrip Fed Compact Ultra-Wideband Diversity Antenna by Exploring Koch Boundary Fractal and Extended Ground Stub	Jeet Banerjee , Abhik Gorai and Rowdra Ghatak	IEEE ICORT 2021 IEEE Xplore	05-11-2021
16.	UWB MIMO Antenna Using a Y-Shaped Extended Ground Structure and Y-Shaped Slot for Wideband Isolation	Jeet Banerjee , Abhik Gorai and Rowdra Ghatak	IEEE MAPCON 2022 IEEE Xplore	24-02-2023
17.	Modeling and Empirical Verifications of a compact 2-Element Diversity Antenna for WLAN, X-Band and UWB Portable	Arpita Saha, Rohit Paul, Jeet Banerjee , Rowdra Ghatak	5 th West Bengal Science and Technology Congress 2023 ISBN No. 978-81-959389-5-7 Scopus	Published on 20-01-2023

	Wireless Applications			
18.	Design, Investigation, and Validation of a compact MIMO antenna for UWB Portable Wireless Applications Abs. ID: 34179397-E-region-3-ENG	Jeet Banerjee and Rowdra Ghatak	5 th West Bengal Science and Technology Congress 2023 ISBN No. 978-81-959389-5-7 Scopus Received Best Paper Award	Abstract Published on 20-01-2023
19.	Improvement of Isolation in UWB MIMO Antennas with Fractal and Hybrid-Fractal Structures	Jeet Banerjee , Utsab Bose, and Rowdra Ghatak	2023 8th International Conference on Computers and Devices for Communication (CODEC) ISBN No. 979-8-3503-1717-6 IEEE Xplore	Published on 20-03-2024
20.	Design of a Compact Diversity Antenna with Wideband Isolation	Jeet Banerjee, Utsab Bose, Arjyaman Choudhury, and Rowdra Ghatak	Proceedings of Doctoral Symposium on Electronics, Communication, and Computation Publisher: IETE Kolkata Centre ISBN: 978-93-340-5011-0 (CD-ROM) (29-06-2024)	Published on 15-07-2024
21.	Fractal Inspired Dual-Band Compact UWB MIMO Radiator with Wideband Isolation	Jeet Banerjee, Manoj Sarkar, and Rowdra Ghatak	IEEE MAPCON 2024	Accepted 30-09-2024 and presented on 12-12-2024
22	Enhancement of Isolation in a Super-wideband MIMO Antenna with Polarization Diversity utilizing a Fractal Neutralization Line	Jeet Banerjee, Rohit Sarkar, and Rowdra Ghatak	West Bengal Science and Technology Congress 2024	Accepted 20-12-2024 and presentation on 15-01-2025

SHORT TERM TRAINING PROGRAMS/FDP'S/WORKSHOP'S UNDERGONE= 69

Serial No.	FDP Title/ Workshop/STTP Title	FDP / Workshop/STTP	Face-to-Face or online	Date, Year and Duration	Remarks
1	Young Scientist Colloquium 2014	Colloquium	Face to Face	August 19th 2014	2014
2	National Workshop on Recent Advances in Antennas and Microwave Technology	Workshop	Face to Face	9-11th April 2015	2015
3	Signal Processing for Massive MIMO	STTP, IIT Kanpur	Physical	28-01-2017 to 30-01-2017	2017
4	Microsoft Faculty Training Program (SAKSHAM),	FDP, Adamas University	Physical	22-05-2017 to 23-05-2017	2017

5	Computational Efficiency Enhancement Techniques in Forward and Inverse Problems	Global Initiative for Academic Networks (GAIN), NIT Durgapur	Physical	19-06-2018 to 23-06-2018	2018
6	AICTE-ISTE Induction Programme on "Developing Teaching Competency for 21st. Century Learners	Induction Programme	Face to Face	16.07.2018 to 21.07.2018	2018
7	Outcome Based Education for Accreditation	STTP-NITTTR Kolkata	Physical	01-07-19 to 05-07-19	2019
8	Microgrid: operation & Control	FDP	Online	16-07-20 to 18-07-20	2020
9	Induction Training	STTP	Online	20-07-20 to 24-07-20	2020
10	Antenna design and Simulations using CST Microwave studio	Workshop	Online	29-06-2020 to 30-06-2020	2020
11	Network Infrastructure and Cloud Security	STTP	Online	03-08-2020 to 07-08-2020	2020
12	Electrical and Electronics Circuit Analysis using MATLAB	STTP	Online	27-07-2020 to 31-07-2020	2020
13	Electromagnetics to 5G	FDP	Online	07-09-2020 to 11-09-2020	2020
14	Recent Trends and Research Scope in Antenna Domain	Workshop	Online	27-07-2020 to 31-07-2020	2020
15	Blended Learning and Flipped Classroom	FDP	Online	24-08-20 to 28-08-2020	2020
16	Flexible and Wearable Antennas: Recent Advancements, Fabrication Techniques and Applications	FDP	Online	12-10-20 to 16-10-2020	2020
17	Internet of Things (IoT)	FDP	Online	07-09-2020 to 11-09-2020	2020
18	Sensors Technology	FDP	Online	03-11-20 to 07-11-20	2020
19	Advanced Communication Engineering	Faculty Development Programme	Online	2020-12-7 to 2020-12-11	2020
20	Introduction to the Internet of Things and Embedded System	Professional Development Programmes	Online	4 weeks (12/04/2020)	2020
21	COVID-19: What You Need to Know (CME Eligible)	Professional Development Programmes	Online	2 Weeks (05-19-2020)	2020
22	Plastic electronics	Professional Development Programmes	Online	6 Weeks) (03-06-2020)	2020
23	Cybersecurity and the Internet of Things	Professional Development Programmes	Online	4 Weeks (26-04-2020)	2020
24	Smart Device & Mobile Emerging Technologies	Professional Development Programmes	Online	6 Weeks (11-07-2020)	2020
25	Green Technology & Sustainability Engineering	Faculty Development Programme	Online	11-01-21 to 15-01-21	2021
26	Emerging Technologies in Healthcare: IoT, AI, Computational Neuroscience, Wearable Technologies	Faculty Development Programme	Online	18-01-2021 to 22-01-2021	2021
27	Wearable Devices	Faculty Development Programme	Online	2021-2-1 to 2021-2-5	2021
28	Pre-Conference Tutorial-International Conference on Computational Intelligence & Computing(SRGI Group of Institution, IETE Kolkata	Online	1-Day (7th Feb. 2021)	2021

29	Entrepreneurship, Innovation and Capital Venture (EICV 2021)	FDP-Jadavpur University, Dept. of ETCE	Online	1 Week (18-02-2021 to 25-02-2021)	2021
30	Modern Antennas for Present and Futuristic Wireless Communication Technology	Workshop-NIT Sikkim-TQIP-III	Online	1 Week (08-03-2021 to 13-03-2021)	2021
31	Modern Wireless Communication Systems and Antenna Engineering with Experimental Learning	Workshop-NIT Sikkim-TQIP-III	Online	1 Week (15-03-2021 to 20-03-2021)	2021
32	Advanced Communication and Antennas	FDP-Electronics and ICT Academies (IIT Guwahati, NIT Patna, MNIT Jaipur)	Online	2 Weeks (15-02-2021 to 26-02-2021)	2021
33	"Implementation of OBE and Online Teaching"	FDP-NITTTR Chennai	Online	1 Week (10-05-2021 to 15-05-2021)	2021
34	IoT and Artificial Intelligence	FDP-NITTTR Chandigarh	Online	1 Week (31-05-2021 to 04-06-2021)	2021
35	Faculty Capacity Enhancement Program Augmenting Professional and Core Skills of Faculty, 2021	FDP-School of Engineering and Technology, Adamas University	online	1 month (04-06-21 to 10-07-21)	2021
36	IEEE R10 EA Spontured Capacity Building Workshop, Education 4.0- Role of Educational Technologies	IEEE SICSR-STB, Educational Activities and Educational Societies of IEEE Pune section in association with IEEE EA	Online	3-days (15-07-21 to 17-07-21)	2021
37	Role of Academic Institutions in Community Service	AICTE ATAL FDP	Online	1 Week (04-10-21 to 08-10-21)	2021
38	Future Opportunities and Challenges in 5G Technology	Dept. of ECE & IEEE Students Chapter of Madanapalle Institute of Technology and Science (MITS)	Online	1 Week (13-10-2021 to 17-10-2021)	2021
39	Internet of Things (IoT) using using Arduino & Raspberry PI	AICTE ATAL FDP (Organized by SAKTHI POLYTECHNIC COLLEGE.)	Online	1 Week (25-10-21 to 29-10-21)	2021
40	Role of AI and Machine Learning in ELECTRONICS ENGINEERING	AICTE ATAL FDP-BIT Durg	Online	1 Week (08-11-21 to 12-11-21)	2021
41	"Design and Development of IoT Based Applications	National Workshop	Online	1-Day (16-09-2021)	2021
42	Future Wireless Technologies	5 Day FDP Ajay Kr. Garg College	Online	15-20 November 2021	2021
43	Recent Trends in Microwaves and Beyond Techniques	SRM AP 5 Day FDP	Online	15-20 November 2021	2021
44	IEEE Young Scientist Conclave 2021	1 Day Conclave	Online	21st December 2021	2021
45	Research Scholar Day 2021 NIT Durgapur	2 Days	Online	28th and 29th December 2021	2021
46	All India Students Young Professionals Woma in Engineering Life Member Congress 2021	4 Days	Online	1, 11, 18, 19 December 2021	2021
47	ISTE Skill Training on IoT (ISTE/Skill Development Program/2021)	45 Hours (1 month)	Online	20-11-2021 to 22-12-2021	2021
48	Innovation in design and Development of Hybrid Antennas for 5G communications	1 Week	Online	29th Jan-2nd Feb 2022	2022
49	International Workshop on Modern antenna Design & its Challenges	1 Week	Online	21st -25th Feb 2022	2022

50	AICTE-ISTE Sponsored Refresher Programme	1 Week	Online	10-01-2022 to 15-01-2022	2022
51	Faculty Training Program on "Industry 4.0"	2 Days	Online	2nd and 3rd April 2022	2022
52	IEEE R10 EA Spontured Capacity Building Workshop, Cyber Physical System- Modelling Simulation and Analysis	2 Days	Online	3rd and 4th June 2022	2022
53	IEEE online Faculty training Program "On 5G Wireless Communication Technology"	3 Days	Online	28-07-22 to 30-07-22	2022
54	Five Day Faculty Development Programme on "Recent Trends and Advances in Electronics"	5 days	Online	19th to 23rd Sep. 2022	2022
55	FDP on Community Development through Technical Institutes	5 days	Online	12th Dec. to 16th Dec. 2022	2022
56	Faculty Orientation Program on Delivering Entrepreneurship Course	50 days	Hybrid	21-02-2023 to 11-04-2023	2023
57	One Week STTP on "Introduction to Data Science" from NITTTR Kolkata	5 Days	Online	12-06-2023 to 16-06-2023	2023
58	One Week STTP on "IoT Application for Sensor Technology" from NITTTR Kolkata	5 Days	Online	03-07-23 to 07-07-23	2023
59	Two-Days Hands-on Workshop on Internet of Things (IoT)	2-Days	Physical	6th and 7th October 2023	2023
60	FDP on Revised NAAC Framework	5 days	Online	26th June to 30th June 2023	2023
61	Modern Electronics Engineering for Advanced Wireless Communication	5 days	Online	4th to 8th Dec. 2023	2023
62	1-Day Workshop on "Cybersecurity and its role in Helathcare Today" NPTEL+ Workshop	1-Day	Online	13th October 2023	2023
63	1-Day Workshop on "Introduction to Practical Entrepreneurship Growing"	1-Day	Online	16th December 2023	2023
64	2-Day Workshop on "Introduction to Data Engineering using Azure"	2-Days	Online	17th and 18th Feb 2024	2024
65	One-Week Faculty Development Program on Recent Trends in Bio Electromagnetic Research and Applications	5-Days	Online	17 th to 23 rd April 2024	2024
66	1-Day Workshop on Roadmap for Success: Mastering Strategy formulation with Chat GPT	1-Day	Online	22 nd June 2024	2024
67	IEEE STEM Summit 2024	3-Days	Online	23 rd -25 th October 2024	2024
68	5-day FDP on Intelligent Microwave Devices	5-Days	Online	25 th -29 th November 2024	2024
69	5-Day Cyber Security Training Program by IIT Madras Pravartak	5-Days	Online	16th to 20 th December 2024	2024

INVITED TO DELIVER LECTURES/SEMINARS/WEBINARS/SESSION CHAIR ETC.:

Sl. No.	Type of Event	Role of Jeet Banerjee	Inviting Institute	Date and Year	Remarks
1	Webinar and Knowledge Sharing Session	Speaker	IETE Hyderabad Centre	21/07/2024	Mode: Virtual (Jio Meet App)
2.	National Conference	Session Chair	IETE Kolkata Centre	15-07-2024	Mode: Virtual
3	Industry-Academia Linkage Seminar/Webinar	Speaker for a webinar on the 5th edition of our Industry-Academia Linkage (IAL) Training Series- Topic: Ultra-wideband MIMO antennas for Portable Wireless Applications	Petroleum Training Institute, Nigeria, West Africa	14-03-2024	Online Webinar
4	Seminar (Hybrid Mode)	Speaker for a Seminar on Recent Trends in Information Technology	Jalpaiguri Government Engineering College	09-01-2024	Seminar
5	Career Orientation Session	Invitation as Subject Expert at Adamas World School	Adamas World School	06-01-2023	For students and Teachers of Adamas World School
6	Inauguration of IETE Student's Forum at IEM Kolkata	Guest of Honour	Institute of Engineering and Management, Kolkata	08-10-2022	For students and Teachers of IEM Salt Lake and IETE ISF Members
7	International Conference/Students Project Competition: IETE Eastern Zonal Innovators-Industry Meet (EZIIM 2021)	Co-Chairman	The Institution of Electronics and Telecommunication Engineers (IETE), Kolkata Centre	20-08-2021	For the final year graduate and undergraduate students under IETE Kolkata Centre
8	Faculty Seminar Series	Speaker (Topic: An Introduction to Internet of Things (IoT) and Opportunities for Research.	School of Engineering and Tech., Adamas University, Kolkata	15-12-2021	School of Engineering and Tech., Adamas University, Kolkata
9	International Conference/IETE Zonal Seminar/Student Convention on Application of IoT in Pandemic Situation (IoTPS 2021)	Co-Chairman	The Institution of Electronics and Telecommunication Engineers, Kolkata Centre	19-08-2021	International Conference

10	International Conference on IoT and Block Chain Technology for Smart Cities and Societies & 64th Annual IETE Convention (AIC)	Co-Chairman, Publicity Committee Member, and Session Chair (Track 1: Smart City)	IETE HQS, New Delhi & IETE Kolkata Centre	25-09-2021	International Conference
11	Webinar: Evolution from 1G to 5G: An Antenna Engineer's Perspective	Speaker	IETE ISF Adamas University + IETE ISF at NIT Agartara, W.B.	26-04-2021	Webinar
12	Seminar/Webinar: Internet of Things (IoT) with Projects	Speaker	Department of Electronics & Tele-Communication Engineering Technique Polytechnic Institute+ ISTE Students' Chapter TPI, Hooghly, W.B.	26-06-2021	Webinar/Seminar
13	All India Webinar on: Accelerating Digital Transformation in Challenging Times	Speaker & Chief Guest	The Institution of Engineers (India) Jamshedpur Local Centre	05-07-2021	Webinar
14	International Conference on Advances in Medical Physics and Healthcare Engineering (AMPHE 2020)	Session Chair and Publicity Chair	School of Science (Dept. of Physics) and School of Engineering and Technology Adamas University (Technically Sponsored by IEEE Kolkata Chapter+IEI+Elsevier)	26-09-2020	International Conference
15	IOTWR-2020 (IETE Zonal Seminar/International Conference/Student Convention on IOT in present Wireless Revolution)	Program Co-Chair & Publicity Co-Chair	IETE Kolkata Centre, West Bengal, India	27-06-2020	International Conference
16	Problem Solving and Antenna Modelling Session	Expert/ Resource Person	Tripura University (A Central University) Suryamaninagar - 799022, Tripura, India	20-02-2018	Workshop
17	Seminar: Antenna Fundamentals & UWB MIMO Antennas	Speaker	Technique Polytechnic Institute, Hooghly, West Bengal, India	31-03-2018	Physical Seminar
18	External Examiner for End-Semester Practical Courses	External Examiner	Modern Institute of Engineering & Technology	05-02-2017	Practical Examinations

INDUSTRY TALKS/ SEMINARS/ GUEST LECTURES ETC. CONDUCTED= 42

Serial No.	Event Title/ Workshop/Seminar/Webinar	FDP / Workshop/STTP	Face-to- Face or Online	Date, Year and Duration	Remarks
1	Inauguration of IETE students' Forum and Guest Lecture on Stratosphere Communication by J. K. Mandal (Professor, Kalyani University)	Guest Lecture	Face-to-Face	14-08-2019	2019
2	Guest Lecture on-Introduction to Dielectric Resonator Antennas (DRA's) by Dr. Koushik Dutta (Sec. IEEE Kolkata Chapter)	Guest Lecture	Face-to-Face	27-11-2019	2019
3	Webinar on Career in Space Science and Technology Dr. Goutam Chattopadhyay (Senior Scientist, NASA Jet Propulsion Laboratory & Fellow, IEEE)	Webinar	Online	19-05-2020	2020
4	Industry Evolution, Fundamentals of Container/Kubernetes & Associated Security by Mandeep Singh (Technical Consultant, Digital Native Vertical, Palo Alto Networks)	Webinar	Online	06-03-2020	2020
5	"What role will you play in the 5G enabled future world?" Speaker: Mr. Indrajit Sanyal (Head of Service Delivery Unit Cloud & NFV Infrastructure, Business Unit Digital Services, Ericsson)	Webinar	Online	06-09-2020	2020
6	Webinar on: Mental Health and its Connection to Excessive Smartphone/Laptop usage by Dr. Gautam Saha (President IPS)	Webinar	Online	12-02-2020	2020
7	Webinar on: Stability Analysis of a 2-DOF Helicopter Model by Dr. Manasi Das (Former Post-Doctoral Fellow, Jadavpur University)	Webinar	Online	22-01-2021	2021
8	The IETE Students' Day 2021 Celebrations	Online Event	Online	02-08-2021	2021
9	Antenna Design for Smartphones "An industry prospective" by Dr. Maruti Tamrakar (Antenna Engineer at Intel Corporation)	Webinar	Online	02-11-2021	2021
10	Webinar on Current and Near Future Trends in Semiconductor Industry by Mr. Priyanko Mitra from HCL Technologies and Sankalp Semiconductors	Webinar	Online	14-03-21	2021
11	Guest Lecture on Career Prospects in Electronics and Communication Engineering (Especially in Satellite Communications) by Prof. V. Mahadevan (Former Scientist and Group Director, ISRO)	Guest Lecture	Online	16-06-21	2021
12	Week-Long (26-07-2021 to 30-07-2021) Quiz for Diploma Students	Online Quiz for 1 Week	Online	26-07-2021 to 30-07-2021	2021
13	Guest Lecture on Career Opportunities in Microwave Filters Design by Kim Eilert (Vice-Chair, IEEE Operations Committee, Inter-society Committee, & Young	Guest Lecture	Online	14/08/2021	2021

	Professional Committee) (IEEE MTT-S WIM Coordinator)				
14	2-Day Free Workshop on Revisiting Class 12 Laboratory Session with Dept. of ECE	Workshop	Online	25-08-21 and 26-08-21	2021
15	Virtual Workshop on Design and Fabrication of Printed Circuit Boards (PCBs) by Students for their Projects at Home	Workshop	Online	09-10-2021	2021
16	Industrial Guest Lecture on Deploying AI in IoT ecosystems using 5G by Arindam Banerjee (Data Scientist and Machine Learning expert at Ericsson)	Guest Lecture	Online	20-11-2021	2021
17	Two Day International Seminar on Innovative Industry Practices & Future Industry Skills for Electronics and Computer Engineering Graduates by 4 Resource Persons from Industry like Mr. Suman Sinha (Director Engineering at Qualcomm India Pvt. Ltd, Hyderabad), Mr. Niladri Shekhar Dutta (Global Director & Head Data Strategy & Execution – BMAS-MS IT & ADM, Ericsson, Sweden Stockholm), and Mr. Mr. Sudipta Dutta (Principal Solution Architect, Ericsson-Kolkata)	International Seminar	Online	20/11/2021 to 21/11/2021	2021
18	27th A.J.C. Bose Memorial lecture and Student participation	Memorial Lecture	Face-Face	30-11-2021	2021
19	Industrial Guest Lecture on IoT Analytics	Industrial Guest Lecture	Face-Face	04-01-2022	2022
20	Workshop on Recent Trends in RF and Microwave	Industrial Workshop	Face-Face	05-05-2022	2022
21	The celebration of World Telecommunication and Information Society Day 17th May 2022	Lecture and PPT Presentation by Students and Faculty Members	Face-Face	17-05-2022 and 18-05-2022	2022
22	1-Day Workshop on Optical Fiber from Home to School and Industry for Class 11 and 12th Students	Workshop	Face-Face	30-06-2022	2022
23	2-Day Workshop with Kalyani Public School, Barasat	Workshop	Face-Face	25-07-22 & 26-07-22	2022
24	1-Day Workshop with Adamas International School	Workshop	Face-Face	08-04-2022	2022
25	Guest Lecture cum Certificate Distribution Ceremony: “Antenna and Radiation Effects on Human Body, Plants, and Agricultural Products.”	Guest Lecture	Face-Face	09-12-2022	2022
26	3-Day Seminar on The role of Technology in Women's Empowerment (under IETE WECC Initiative)	Seminar	Hybrid	19, 20, and 21 September, 2022	2022
27	IETE Engineers Day Celebration: 15, Sept 2022, Technical Lecture Program on Microwave Filters	Technical Lecture	Hybrid	15-09-2022	2022
28	Understanding the 5G from an Indian Engineering Outlook-Opportunities and	Guest Lecture cum faculty Training Session	Hybrid	22/12/2022	2022

	Threats” by Sri. Chanchal Chakraborty (CEO, ATMI Private Limited)				
29	Industry Visit for 1st Year B.Tech Students to India Meterological Dept., Alipore, Kolkata	Industry Visit	Phycical	23-03-2023	2023
30	Guest Lecture cum Faculty training session on: Resilience enhancement of Network-based Power Systems with Cyber-attacks by Dr. Dipayan Guha from Motilal Nehru National Institute of Technology Allahabad	Guest Lecture cum faculty Training Session	Physical	04-04-2023	2023
31	Guest Lecture on “The Strategies and Skills to get placed in the IT Industry” by Mr. Snehasis Banerjee (Scientist, TCS Research)	Guest Lecture	Physical	09-08-2023	2023
32	Hands-on Workshop on Internet of Things (IoT)	Workshop	Physical	6th-7th/10/2023	2023
33	J.C. Bose Memorial Lecture organization and Taking Students from AU to IETE Kolkata Centre for the Lecture	Guest Lecture	Physical	30-11-2023	2023
34	2-Day Online Industry Academia Interface Seminar-Current Trends and Future Perspectives organized jointly by The IETE Students’ Forum Adamas University in an Association with IETE Kolkata Center, IET (UK) Kolkata Local Network, and IETE Hyderabad Center & Technically Sponsored by IEEE Communication Society Kolkata Chapter	Seminar	Online	05-01-2024 and 06-01-2024	2024
35	Guest Lecture cum Awareness Session on: Nation Building through ISRO and its Chandrayaan-3	Guest Lecture	Physical	08-01-2024	2024
36	Alumni Interaction and Guidance Session	Interaction Session	Physical	22-01-2024	2024
37	Industry Visit and Attending Guest Lecture with Students at SAMEER Kolkata (Understanding Characteristic Mode Theory for conducting and Penetrable Bodies Through Simple Examples)	Industry Visit & Guest Lecture	Physical	16-01-2024	2024
38	Industry Visit to Signotron India Pvt. Ltd.	Industry Visit	Physical	12-03-2024	2024
39	Faculty Staff Training Session: 7-Habits of Successful Professionals	Faculty Staff Training Session:	Physical	22-05-2024	2024
40	Hands-on Workshop on PCB Design (for B.Tech Students of Dept. of Electrical and Electronics Engineering, Adamas University, Kolkata)	Hands-on Workshop	Physical	30-05-2024	2024
41	Satellite Antennas and Career Opportunities in Space	Guest Lecture	Virtual	24-05-24	2024
42	Emerging Trends in RF and Antenna Technologies	Industrial Guest Lecture	Virtual	20-06-2024	2024

43	Industrial Guest Lecture on Enterprise Cloud and DevSecOps	Guest Lecture	Face-Face	24-07-24	2024
44	International Lecture on "AI and ML Trends" by Mr. Palash Nandy, Director of Google Research Engineering	International Lecture	Face-Face	10-10-2024	2024

PUBLICATIONS BY UNDERGRADUATE (B. TECH) STUDENTS (2019-2024): 12

Sl. No.	Title of Publication	DOI/ISSN/ISBN	International/ National	Name of the Conference	Date and Year
1	A UWB Antenna with Bandwidth Enhancement for 5G, IoT, USB-dongle and UWB wireless applications	10.1109/TENSYP46218.2019.8971321	International	2019 IEEE Region 10 Symposium (TENSYP)	7th-9th June 2019
2	A Compact Koch Fractal Inspired monopole Antenna with Enhance Bandwidth for IoT, USB-Dongle and UWB Wireless Applications	Organized by IETE Kolkata Centre	International	IETE Zonal Seminar/International Conference/Student Convention on IOT in present Wireless Revolution	28-29 March 2020
3	compact Fractal inspired Beveled Ultra-wideband (UWB) Monopole antenna for UWB portable, UWB Medical Imaging and short-range Internet of Things (IoT) applications	Organized by Dept. of Physics, Adamas University (IEEE AMPHE-2020, Paper ID: 60)	International	IEEE Advances in Medical Physics and Healthcare Engineering	25th and 26th September 2020
4	A Multi-functional Diversity Antenna with High Wideband Isolation	10.1109/CALCON49167.2020.9106474	International	2020 IEEE Calcutta Conference (CALCON)	28-29 February 2020
5	An Orthogonally Oriented Multiband MIMO Antenna for WLAN, C-Band and X-Band Wireless Applications	10.1109/CALCON49167.2020.9106497	International	2020 IEEE Calcutta Conference (CALCON)	28-29 February 2020
6	Design, Analysis and Prototype Realization of a Dual Band Notch Printed UWB Monopole Antenna for Wireless Applications	Students' Academic Board, IIT Guwahati and IIT Guwahati Research Park	National	Research and Industrial Conclave 2022 "An amalgamation of Academia, Industry & Start-up"	20-23 January 2022
7	Isolation Improvement in CPW-fed UWB Diversity Antenna utilizing Fractal Neutralization Line	Students' Academic Board, IIT Guwahati and IIT Guwahati Research Park	National	Research and Industrial Conclave-Integration'23, IIT Guwahati	May 14 - 16, 2023
8	Modeling and Empirical Verifications of a compact 2-Element Diversity Antenna for WLAN, X-Band and UWB Portable Wireless Applications.	Paper ID: 50842669-E-region-3-ENG ISBN: 978-81-959389-5-7	Regional	FIFTH REGIONAL SCIENCE AND TECHNOLOGY CONGRESS, REGION THREE, 2023 Organized by Department of Science and Technology and Biotechnology, Government of West Bengal and West Bengal State University	January 19 and 20, 2023
9	Improvement of Isolation in UWB MIMO Antennas with Fractal and Hybrid-Fractal Structures	10.1109/CODEC60112.2023.10466218	International	8th International Conference on Computers and Devices for Communication, CODEC-2023	December 14-16, 2023
10	Design of a Compact Diversity Antenna with Wideband Isolation	ISBN: 978-93-3405011-0	National	National Symposium on Electronics, Communication and Computing organized by IETE Kolkata Centre and CSI Kolkata Centre as partner institution	July 15 th , 2024

11	Fractal Inspired Dual-Band Compact UWB MIMO Radiator with Wideband Isolation	Accepted Sep. 2024	International	IEEE MAPCON 2024	Dec. 9 th to 14 th 2024
12	Enhancement of Isolation in a Super-wideband MIMO Antenna with Polarization Diversity utilizing a Fractal Neutralization Line	Communicated 21-10-2024	Regional	West Bengal Science and Technology Congress 2024	Accepted 20-12-2024

Professional Body Memberships:


- 1) Member IEEE (Mem. No. 93364404) and IEEE Antennas and Propagation Society 2015-2025 (11 Years).
- 2) Life Member IETE (Mem. No. M-502061)
- 3) Life Member ISTE (Mem. No. LM 122116).

Proficient in IT : Programming on C++, MS Office Application.
Teaching using CANVAS, MS TEAMS, TCSion, Zoom, Google Classroom and Google Meet etc.

PERSONAL DETAILS

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I HERE BY DECLARE THAT THE ABOVE FURNISHED DETAIL IS TRUE AND BRIEF TO THE BEST OF MY KNOWLEDGE.



(Jeet Banerjee)

Place : Kolkata

Date : 14-01-2025