

Name: Dr. Mrinmoy Chakraborty

Department: Electronics and Communication Engineering

Contact Nos.: 8902525088, 8967424013,



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Qualifications: Ph.D(Engineering, ECE), M.Tech (ECE, Communication) B.Tech(ECE)

Designation: Assistant Professor

Link to VIDWAN profile: <https://vidwan.inflibnet.ac.in/profile/184716>

Experience (Teaching / Research / Industry, in years): 16 Years

Date of Joining at the Present Institution: 30/04/2009

Examinations Cleared: GATE Qualified

**Qualifications Summary (Reverse chronological order):**

Degree	Institute	Year	Subjects
Ph.D	Birla Institute Of Technology, Mesra	2019	Antenna Design
M.Tech	Kalyani Govt. Engineering College, Nadia, West Bengal	2008	Advanced Microwave Engineering, Advanced Digital Signal Processing, Analog Communication, Digital Communication, Analog Electronics, Digital Electronics
B.Tech	NIT, Warangal	2003	Microwave Engineering, Digital Signal Processing, Analog Communication, Digital Communication, Analog Electronics, Digital Electronics

**Experience Summary (In chronological order):**

Designation	Organization	Date From - Date To
Sr. Lecturer , Assistant Professor	Dr. B. C. Roy Engineering College	April 2009 to till date
Lecturer	Murshidabad College of Engineering and Technology	August 2008 to March 2009

**Specialization/Research Interest:**

1. Antenna Design,
2. RF Microwave Component Design,
3. Computational studies on molecules and reactions

**Courses taught:**

**B.Tech**

Microwave Engineering, Digital Signal Processing, Analog Communication, Digital Communication, Analog Electronics, Digital Electronics

**M.Tech:**

Advanced Microwave Engineering, Advanced Digital Signal Processing,

**Online Mode of Teaching:**

Online lecture using ZOOM platform, Assessment using Google Quiz

**Publications:**

**Journal:**

1. Nivedita Acharjee\*, H. A. M. Salim, **Mrinmoy Chakraborty** (2021) Unveiling [3+2] cycloaddition reactions of benzonitrile oxide and diphenyl diazomethane to cyclopentene and norbornene: A molecular electron density theory perspective, *Theoretical Chemistry Accounts (Springer)*, 140, 113 (IF = 1.702). <https://doi.org/10.1007/s00214-021-02811-3>
2. Nivedita Acharjee\*, H. A. M. Salim, **Mrinmoy Chakraborty**, Madhuri P Rao, Madhu Ganesh (2021) Unveiling the high regioselectivity and stereoselectivity within the synthesis of spirooxindolenitropyrrolidine: A molecular electron density theory perspective, *Journal of Physical Organic Chemistry (Wiley)*, 34, e4189 (IF = 2.391) <https://doi.org/10.1002/poc.4189>
3. Alope Saha, Sushil Kumar, Debajit Das and **Mrinmoy Chakraborty**, “LPHS Logic Evaluation on TSMC 0.18 $\mu$ m CMOS Technology,” *International Journal of High Speed Electronics & Systems (IJHSES)*, World Scientific, vol. 26, no. 4, December 2017. DOI: [10.1142/S0129156417400249](https://doi.org/10.1142/S0129156417400249)
4. **Chakraborty, Mrinmoy** and Pal, Srikanta and Chatteraj, Neela “Quad notch UWB antenna using combination of slots and split-ring resonator” *International Journal of RF and Microwave Computer-Aided Engineering* Vol 30, 2020 <https://doi.org/10.1002/mmce.22086>

5. **Chakraborty, Mrinmoy** and Pal, Srikanta and Chottoraj, Neela “Realization of high performance compact CPW-fed planar UWB antenna using higher order asymmetry for practical applications” Microwave and Optical Technology Letters Vol 58 ,2016 <https://doi.org/10.1002/mop.29573>
6. “High Performance DGS Integrated Compact Antenna for 2.4/5.2/5.8 GHz WLAN Band”, M. Chakraborty, S. Chakraborty, P. S. Reddy, S.Samanta, Radioengineering Proceedings of Czech and Slovak Technical Universities, [DOI: [10.13164/re](https://doi.org/10.13164/re)], Radioengineering, Vol. 26, No. 1, April 2017
7. “Design, Comparison And Analysis Of Multiple Saw Tooth Shaped Dgs Integrated Patch Antenna For 2.4/5.2/5.8 Ghz Wlan Band”, Srijita Chakraborty , Arnab Mukhopadhyay , **Mrinmoy Chakraborty**, BCREC Engineering & Science Transaction, Vol. 2, Issue 1, 2021 Issn: 2582-9068
8. “Cavity-Backed Substrate Integrated Waveguide Antenna With Z-Shaped Slot For Dual Frequency Operation”, Arnab Mukhopadhyay, Srijita Chakraborty ,**Mrinmoy Chakraborty**, BCREC Engineering & Science Transaction, Vol. 2, Issue 1, 2021 ISSN: 2582-9068
9. “Frequency Tuning Characteristics & Bandwidth Enhancement For Hexagonal Microstrip Antenna By Integrating L Shaped Dgs”, Srijita Chakraborty , Nipun Agarwal , Neelanjana Giri , Subhadra Deb Roy , Surajitbatabyal, **Mrinmoy Chakraborty**, BCREC Engineering & Science Transaction, Vol. 1, Issue 1, 2020
10. “Design of Frequency Tunable Circular Microstrip Antenna Integrated with Novel Defective Ground Structure”, Srijita Chakraborty, Saahil Islam, **Mrinmoy Chakraborty**, International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE), Volume 7, Issue 3, March 2018
11. “Design & Simulation Of Dgs Integrated Compact Microstrip Patch Antenna”, Srijita Chakraborty ,Dipra Chakravorty, Aruna Rani Nath , **Mrinmoy Chakraborty**, International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE) Volume 6, Issue 7, July 2017
12. “Design and Development of Multiband Circular Microstrip Antenna with Resonating Slot in the Ground Plane”, Srijita Chakraborty, Uddipto Chakraborty, Soumyadip Ghosh, **Mrinmoy Chakraborty**, International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE), ISSN: 2278 – 909X ,Volume 5, Issue 3, March 2016, pp- 537-542

13. "Dielectric Resonator Integrated Microstrip Patch Antenna With Enhanced Performance Characteristics", Srijita Chakraborty, **Mrinmoy Chakraborty**, American Journal of Electronics & Communication, Vol. II (6), 157-161
14. "Design and Analysis of Dual Band, DGS Integrated Compact Microstrip Antenna", Srijita Chakraborty, Sayan K. Moitra, Soham Tewary, Archana Kumari and **Mrinmoy Chakraborty**, Springer India 2015 V. Lakshminarayanan and I. Bhattacharya (eds.), Advances in Optical Science and Engineering, Springer 166, DOI 10.1007/978-81-322-2367-2\_21, PP 161-169
15. "Design of Frequency Tuned Circular Microstrip Antenna with Angular Unconnected DGS", Srijita Chakraborty, Suwendu Dey, Rudranil Guha, Sirsendu Pramanik, Malay Gangopadhyaya, **Mrinmoy Chakraborty**, International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE) Volume 4, Issue 3, March 2015, PP 698-702
16. "DESIGN AND ANALYSIS OF TRANSITION OF WIDE BAND TO MULTIBAND CPW FED HEXAGONAL MICROSTRIP ANTENNA", Srijita Chakraborty, **Mrinmoy Chakraborty**, Chandrima Banerjee, Susamay Samanta, N. N. Pathak, International Journal of Emerging Trend in Engineering and Basic Sciences (IJEEBS), ISSN (Online) 2349-6967, Volume 2, Issue 1 (Jan-Feb 2015), PP 743-748
17. "Novel DGS Integrated High Performance Microstrip Antenna With Frequency Tuning Characteristics", **Mrinmoy Chakraborty**, Srijita Chakraborty, Amrit Gorai, Subhdra Deb Roy, Susamay Samanta, N. N. Pathak, Goutam Mohanti, International Journal of Emerging Trend in Engineering and Basic Sciences (IJEEBS), ISSN (Online) 2349-6967, Volume 2, Issue 1 (Jan-Feb 2015), PP 553-562
18. **Mrinmoy Chakraborty**, Biswarup Rana, P. P. Sarkar, Achintya Das, "Size Reduction of a Rectangular Microstrip Antenna with Slots and Defected Ground Structure" International Journal of Electronics Engineering, Vol.4- No.1 of June 2012, pp. 61-64.
19. **Mrinmoy Chakraborty**, Biswarup Rana, P. P. Sarkar, Achintya Das, "Design of a Special Shaped Microstrip Antenna with Wide Band Characteristics" International Journal of Electronics Engineering, Vol.4- No.1 of June 2012, pp. 21-23.

**Conference:**

1. "Efficient CPW Fed UWB Antenna with Triple Notch Band Characteristics", Srijita Chakraborty; N.N. Pathak; **Mrinmoy Chakraborty**, 2021 IEEE International IOT, Electronics and Mechatronics Conference (IEMTRONICS), DOI: 10.1109/IEMTRONICS52119.2021.9422569
2. "Implementation of Dielectric Resonator Integrated Microstrip Antenna for Improved Performance Characteristics", Srijita Chakraborty; Sayanti Dutta; Apurba Sahu; Aparna Kumari Singh; Malay Gangopadhyay; **Mrinmoy Chakraborty**, 2020 IEEE International IOT, Electronics and Mechatronics Conference (IEMTRONICS), DOI: 10.1109/IEMTRONICS51293.2020.9216440

3. "Frequency Tuning Characteristics & Bandwidth Enhancement for Circular Microstrip Antenna by Integrating L Shaped DGS", Srijita Chakraborty; Debangana Dutta; Pradipta Ghosh; Neelanjana Giri; Nipun Agarwal; Malay Gangopadhyay; **Mrinmoy Chakraborty**, 2020 IEEE International IOT, Electronics and Mechatronics Conference (IEMTRONICS), DOI: 10.1109/IEMTRONICS51293.2020.9216423
4. "Cavity-Backed SIW Antenna With X Shaped Slot for Satellite Communication Frequency Band", Srijita Chakraborty; Sayanti Dutta; Arnab Mukhopadhyay; Shirshak Chatterjee; Neelanjana Giri; Malay Gangopadhyay, **Mrinmoy Chakraborty**, 2020 4th International Conference on Electronics, Materials Engineering & Nano-Technology (IEMENTech), DOI: 10.1109/IEMENTech51367.2020.9270112
5. "Cavity-Backed Substrate Integrated Waveguide Antenna With Dual L-Shaped Slot for Dual Frequency Operation", Arnab Mukhopadhyay; Srijita Chakraborty; Sayanti Dutta; Amit Kumar Nandi; Nipun Agarwal; Malay Gangopadhyay; **Mrinmoy Chakraborty**, 2020 4th International Conference on Electronics, Materials Engineering & Nano-Technology (IEMENTech), DOI: 10.1109/IEMENTech51367.2020.9270111
6. "Transition of Wide Band to Dual Band CPW fed Rectangular Wearable Microstrip Antenna for Implementation in WBAN", Srijita Chakraborty, **Mrinmoy Chakraborty**, Narendra Nath Pathak, 3<sup>rd</sup> IEEE International Conference on Electronics, Materials Engineering & Nano-Technology (IEMENTech 2019), DOI: 10.1109/IEMENTech48150.2019.8981070
7. "Suppression of Higher Order modes in Wearable Microstrip Antenna using Tuning fork shaped Resonator for Integration in WBAN", Srijita Chakraborty, **Mrinmoy Chakraborty**, Narendra Nath Pathak, 3<sup>rd</sup> IEEE International Conference on Electronics, Materials Engineering & Nano-Technology (IEMENTech 2019), DOI: 10.1109/IEMENTech48150.2019.8981396
8. "Cavity-Backed Substrate Integrated Waveguide Antenna with U-Shaped Slot for Dual Frequency Operation", Arnab Mukhopadhyaya, Srijita Chakraborty, Saikat Das, Pallab Mohanta, Siddhartha Sen, Souvik Pradhan, Debajit Kar Barman, Anusua Banerjee, Maitriyee Ray, Malay Gangopadhyay, **Mrinmoy Chakraborty**, IEEE International Electromagnetics and Antenna Conference (IEMANTENNA 2019), DOI: 10.1109/IEMANTENNA.2019.8928791
9. "Frequency Tuning & Bandwidth Enhancement in Compact Microstrip Antenna using Saw Tooth Shaped DGS", Srijita Chakraborty, Pritam Sarkar, Triya Chakraborty, Arpita Dey, Ananya Mukherjee, Syeda Fehmida Hossain, Ankana Bhattacharya, Sucheta Saha, Ishika Jaiswal, Vijaya Laxmi, Malay Gangopadhyay, **Mrinmoy Chakraborty**, 2018 IEEE 9th Annual Information Technology, Electronics and Mobile Communication Conference (IEMCON), DOI: 10.1109/IEMCON.2018.8614920, 978-1-5386-7266-2/18/\$31.00 ©2018 IEEE
10. "Control of Higher Order modes and their Radiation in Microstrip Antenna using Extremely Compact Defected Ground Structure & Symmetric Stub", Subhadra Deb Roy, Surajit Batabyal, Srijita Chakraborty, **Mrinmoy Chakraborty**, A. K. Bhattacharjee, 2018 2nd International Conference on Electronics, Materials Engineering & Nano-Technology (IEMENTech), 978-1-5386-5550-4/18/\$31.00 ©2018 IEEE, DOI: 10.1109/IEMENTech.2018.8465287
11. "Miniaturization of Rectangular Microstrip Antenna at WiMAX Band with Slot in Patch and Ground Surface A Comparative Analysis", Srijita Chakraborty, Malay Gangopadhyaya, Bhavna Sinha, **Mrinmoy Chakraborty**, 2018 2nd International Conference on Electronics, Materials Engineering & Nano-Technology (IEMENTech), 978-1-5386-5550-4/18/\$31.00 ©2018 IEEE, DOI: 10.1109/IEMENTech.2018.8465231

12. "Wearable DGS Integrated high Performance Compact Antenna for 2.4 /5.2/5.8 GHz WLAN Band on Leather Substrate", Surajit Batabyal, Subhadra Deb Roy, Srijita Chakraborty , **Mrinmoy Chakraborty**, A.K. Bhattacharjee, 2018 2nd International Conference on Electronics, Materials Engineering & Nano-Technology (IEMENTech), 978-1-5386-5550-4/18/\$31.00 ©2018 IEEE, DOI: 10.1109/IEMENTECH.2018.8465336
13. "Suppression And Controlling Of Higher Order Modes In Microstrip Antenna With Composite Resonator", Srijita Chakraborty, Malay Gangopadhyaya, Pritam Sarkar, Namrota Ghosh, Rudranil Chowdhury, Anvesha Roychoudhury, Brotish Kar, Vidhu Priya, Sayantan Roy Choudhury, **Mrinmoy Chakraborty**, Ankit kumar, Akash, Industrial Automation and Electromechanical Engineering Conference (IEMECON), 2017, DOI: 10.1109/IEMECON.2017.8079597
14. "Design and Analysis of Compact Triangular Microstrip Antennas Integrated with Novel Defective Ground Structure", Srijita Chakraborty, Malay Gangopadhyaya, Pritam Sarkar, Pratik Kumar, Sreyajit Manna, Akash Majumdar, Priyatam Roy, Sayar Sarkar, Debojyoti Das, **Mrinmoy Chakraborty**, Industrial Automation and Electromechanical Engineering Conference (IEMECON), 2017, DOI: 10.1109/IEMECON.2017.8079596
15. "L shaped DGS Integrated Triangular Microstrip Antenna with Frequency Tuning Characteristics", Srijita Chakraborty, Akanksha Priya, Nidhi Bharati, Saptorshi Mondal, Rupam Halder, Sasmit Roy Chowdhury, Priyanka Datta, Amritesh Ghosh, Malay Gangopadhyaya, **Mrinmoy Chakraborty**, Information Technology, Electronics and Mobile Communication Conference (IEMCON), 2017, DOI: 10.1109/IEMCON.2017.8117220
16. "Dielectric Resonator Integrated High Gain SIW Antenna Array", Srijita Chakraborty, Sweta Guha Thakurta, Satavisa Bera, Upasana Mitra, Aritra Raha, Anubhab Rakshit, Malay Gangopadhyaya, Bob Gill, **Mrinmoy Chakraborty**, Information Technology, Electronics and Mobile Communication Conference (IEMCON), 2016 IEEE 7th Annual Conference, ISBN Information: Electronic ISBN: 978-1-5090-09961 Print on Demand (PoD) ISBN: 978-1-5090-0997-8 , DOI: 10.1109/IEMCON.2016.7746330
17. "Elimination of higher order modes in wearable microstrip antenna", Srijita Chakraborty, Kaushik Das, Kaustavi Sen, Uttiyo Hari, Pritam Sarkar, Abhishek Raj, Malay Gangopadhyaya, Bob Gill, **Mrinmoy Chakraborty**, Information Technology, Electronics and Mobile Communication Conference (IEMCON), 2016 IEEE 7th Annual Conference, ISBN Information: Electronic ISBN: 978-1-5090-09961 Print on Demand (PoD) ISBN: 978-1-5090-0997-8, DOI: 10.1109/IEMCON.2016.7746329
18. "Multiple Saw Tooth Shaped DGS Integrated Compact Circular Patch Antenna for 2.4/5.2/5.8 GHz WLAN Band", **Mrinmoy Chakraborty**, Srijita Chakraborty, P Soni Reddy, Susamay Samanta, International Conference On Communication And Electronics Systems (ICCES-2016), 978-1-5090-1066-0/16/\$31.00 ©2016 IEEE, pp-516-521, DOI: 10.1109/CESYS.2016.7890005
19. "Design and Analysis of Frequency Tuned Application Specific Microstrip Antenna with Angular DGS for Wireless Communication", Srijita Chakraborty, Shayak Bhattacharyya, Sohoni Sengupta, Uddipto Chakraborty, Malay Gangopadhyaya, **Mrinmoy Chakraborty**, IEEE IEMCON 2015, 978-1-4799-6908-1/15/\$31.00 ©2015 IEEE, DOI: 10.1109/IEMCON.2015.7344503
20. "High Performance DGS Based Compact Microstrip Patch Antenna", Srijita Chakraborty, Srikanta Pal, **Mrinmoy Chakraborty**, Proceedings of 1st International Science & Technology Congress 2014, ISBN: 9789351072485, Elsevier Publications 2014, Page-404-409

21. "Design and Analysis of a CPW-Fed Circular Shaped Slot Antenna for Wideband Application", Srijita Chakraborty et al, Proceedings of National Conference on Electronics and Communication Systems, 2013, Section-3, Chapter 4, Page 157
22. "Design and Analysis of a Compact Circular Microstrip Antenna with Slots and Defected Ground Structure", Srijita Chakraborty et al, Proceedings of National Conference on Electronics and Communication Systems, 2013, Section-3, Chapter 2, Page 150
23. "Design and Analysis of a Compact Rectangular Microstrip Patch Antenna with Defected Ground Structure", Srijita Chakraborty, **Mrinmoy Chakraborty**, Srikanta Pal, Proceeding of 4<sup>th</sup> International Conference On Technical And Managerial Innovation in Computing And Communications in Industry And Academia, IEMCON2013, Page 281-283
24. Juin Acharjee, Biswarup Rana, Rajeev Kumar, Monalisa Pal, N.N. Pathak, **Mrinmoy Chakraborty**, "Design of a Compact Microstrip Antenna for Wireless Communications" Proceedings of National Conference on Electronics and Communication Systems, 5<sup>th</sup>- 6<sup>th</sup> April, 2013, Inderprastha Engineering College, Ghaziabad, U.P., India. pp. 147-149.
25. Srijita Chakraborty, Biswarup Rana, Rajeev Kumar, Monalisa Pal, N.N. Pathak, **Mrinmoy Chakraborty**, "Design and Analysis of a Compact Circular Microstrip Antenna with Slots and Defected Ground Structure" Proceedings of National Conference on Electronics and Communication Systems, 5<sup>th</sup>- 6<sup>th</sup> April, 2013, Inderprastha Engineering College, Ghaziabad, U.P., India. pp. 150-153.
26. Juin Acharjee, Biswarup Rana, Rajeev Kumar, Achintya Das, N.N. Pathak, **Mrinmoy Chakraborty**, "Design of a Special Shaped Conformal Microstrip Antenna Array with Wideband Characteristics" Proceedings of National Conference on Electronics and Communication Systems, 5<sup>th</sup>- 6<sup>th</sup> April, 2013, Inderprastha Engineering College, Ghaziabad, U.P., India. pp. 154-156.
27. Srijita Chakraborty, Biswarup Rana, Rajeev Kumar, Achintya Das, N.N. Pathak, **Mrinmoy Chakraborty**, "Design and Analysis of a CPW-fed Circular Shaped Slot Antenna for Wideband Application" Proceedings of National Conference on Electronics and Communication Systems, 5<sup>th</sup>- 6<sup>th</sup> April, 2013, Inderprastha Engineering College, Ghaziabad, U.P., India. pp. 157-159.
28. **Mrinmoy Chakraborty**, Biswarup Rana, Ankita Mitra "Miniaturization of a Rectangular Microstrip Antenna using Slots and Defected Ground Structure" National Conference on Materials, Devices, and Circuits in Communication Technology, "MDCCT 2012", 6-7 Feb. 2012, organized by IETE Burdwan Sub Center and The University of Burdwan, India, pp 1-3.
29. **Mrinmoy Chakraborty**, Biswarup Rana, "Design of a CPW-Fed Slot Antenna for Wireless Application" National Conference on Materials, Devices, and Circuits in Communication Technology, "MDCCT 2012", 6-7 Feb. 2012, organized by IETE Burdwan Sub Center and The University of Burdwan, India, pp 4-6.
30. **Mrinmoy Chakraborty**, Biswarup Rana, "Design and Analysis of a Compact Circular Microstrip Antenna Using Defected Ground Structure" National Conference on Materials, Devices, and Circuits in Communication Technology, "MDCCT 2012", 6-7 Feb. 2012, organized by IETE Burdwan Sub Center and The University of Burdwan, India, pp 21-23.
31. **Mrinmoy Chakraborty**, Biswarup Rana, "Design of a CPW-Fed Circular Shaped Slot Antenna for Wireless Application" International Conference on Innovative Techno-Management Solutions for Social Sector, "IEMCON-2012" , 17-18 January, 2012 , Kolkata, India, pp 417-418.
32. **Mrinmoy Chakraborty**, Biswarup Rana, "Miniaturization of a Rectangular Microstrip Patch Antenna with Slots and Defected Ground Structure" International Conference on Innovative Techno-

Management Solutions for Social Sector, “IEMCON-2012” , 17-18 January,2012 , Kolkata, India, pp 413-417.

33. **Mrinmoy Chakraborty**, Biswarup Rana, P. P. Sarkar, Achintya Das, “ *Design and Analysis of a Compact Microstrip Antenna using Size Reduction Technique*” International Conference on Microwaves, Antenna, Propagation & Remote Sensing “*ICMARS-2011*” 7-10 December, 2011, International Centre for Radio Science (ICRS), Jodhpur, Rajasthan, India, pp 87-89.
34. **Mrinmoy Chakraborty**, Biswarup Rana, P. P. Sarkar, Achintya Das, “ *Design and Analysis of a Rectangular Compact Microstrip Antenna using Defected Ground Structure*” International Conference on Microwaves, Antenna, Propagation & Remote Sensing “*ICMARS-2011*”, 7-10 December, 2011, International Centre for Radio Science (ICRS), Jodhpur, Rajasthan, India, pp.133-138
35. Alope Saha and **Mrinmoy Chakraborty**, “Study on LP-HS Logic for High Performance Digital Applications,” *IEEE International Conference on Devices for Integrated Circuits (DevIC-2017)*, *KGEC Kalyani*, pp. 376-379, 23-24 March 2017

#### Book Chapter:

Design and analysis of dual band, DGS integrated compact microstrip antenna, **Advances in Optical Science and Engineering**, Srijita Chakraborty, Sayan K Moitra, Soham Tewary, Archana Kumari, **Mrinmoy Chakraborty**, June **2016**, Pages: 161-169, Publisher: Springer, Part of the Springer Proceedings in Physics book series (SPPHY, volume 166), [https://link.springer.com/chapter/10.1007/978-81-322-2367-2\\_21](https://link.springer.com/chapter/10.1007/978-81-322-2367-2_21)

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

##### For Ph.D

1. **Srijita Chakraborty** , Registered to Maulana Abul Kalam Azad University of Technology

##### Projects:

Name of Student	University Roll Number	Project Title	Year
<b>M.Tech</b>			
ARNAB MUKHOPADHYAY	12013515001	Design Analysis and Development of Substrate Integrated Waveguide Cavity Back Slot Antenna	2017
BHAWANA SINHA	12013517004	Design, Analysis and Development of Antenna For Wireless Application	2019
<b>B.Tech</b>			
AJEET KUMAR	12000312006	Some studies on Wearable Antenna	2016
AMAN BHUSHAN SINHA	12000312009		
DHIRAJ RAJ	12000312041		
ISHMITA GHOSH	12000312047		
MANISH KUMAR	12000312055		
VIKRAM KUMAR	12000312123	Elimination of Higher order	2017



AVIJEET KUMAR	12000312027	modes in Microstrip Antenna	
SATYAM SINHA	12000312088		
MD. GHOLAM SARWER	12000312057		
SONU PANDEY	12000312104		
ABHIJIT MONDAL	12000313001	Design Analysis & Development of Compact multiband antenna.	2018
DINESH KUMAR DWIVEDI	12000313032		
PIYUSH PATEL	12000313056		
PRIYANK AGRAWAL	12000313064		
PROSENJIT DATTA	12000313066		
SANKET CHAUHAN	12000313082		
AKANKSHA PRIYA	12000314005	Design, Analysis and development of wearable antennas for WBAN	2019
NIDHI BHARATI	12000314055		
POOJA KUMARI	12000314064		
SEEMA CHOUDHARY	12000314084		
SHIKHA GUPTA	12000314086		
SUSHMA BHARTI	12000314107		
SHIV KUMAR MUNDA	12000315097	Design Analysis and Development of Compact Antennas using Rectangular Patch	2020
SHUVOJIT BISWAS	12000315102		
SHUBHAM KUMAR	12000315101		
KRANTI KUMAR	12000315049	Design Analysis and Development of Compact Antennas Using Hexagonal Patch	2020
VIJAYA LAXMI	12000315120		
ISHIKA JAISWAL	12000315044		

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

Organized workshop on microwave Engg. And Applications as Co-ordinator	2 days	2015	ECE Department, Dr. B. C. Roy Engineering College, Durgapur
IEEE National Conference on Emerging Trends on Sustainable Technology and Engineering Applications (NCETSTEA-2020) (As Organizer)	2 days	2020	Dr. B. C. Roy Engineering College, Durgapur.

**Projects**

Co-Coordinator of AICTE-IDEA Lab project (F. No. AICTE/IDC/IDEA202000139 /2021 dated 17-06-2021), Total amount: Rs. 78.99 Lakhs only (AICTE contribution = Rs. 39.50 lakhs only and Institute contribution Rs. 39.50 lakhs only)

**Membership of professional bodies: IEEE Member**