

Dr. PRITAM SINGHA ROY

<i>PhD (Tech.) in Electronics Engineering</i>  prittam.pritam@gmail.com	Residence: Permanent Address:  Vill & P.O: Chaltia P.S: Berhampore Dist: Murshidabad Pin-742407 West Bengal  9593743322/9475680422(M)
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Academic Qualifications

SL. No.	Name of the Institution	Name of Exam.	Board/University	Year of Passing	Marks Obtained (%)	Division
1.	Berhampore Krishnath College School	Madhyamik	West Bengal Board of Secondary Education	1997	73.1	I
2.	Berhampore Krishnath College School	Higher Secondary	West Bengal council of Higher Secondary Education	1999	60.0	I

Technical Qualifications

SL. No.	Name of the Institution	Degree	Board/University	Year of Award	Marks Obtained (%)	Division
1.	Murshidabad College of Engineering and Technology	B.Tech (AEIE)	University of Kalyani	2004	77.6	I
2.	University College of Science & Technology Rajabazar	M.Tech (ICE)	University of Calcutta	2008	73.8	I
3.	Pacific Academy of Higher Education & Research University	PhD (Tech.) (Electronics)	Pacific University Udaipur, Rajasthan	2019	Awarded	

Other Personal Information

Date of Birth	21.12.1981
Nationality	Indian
Sex	Male
Marital status	Married
Guardian	Mr. Balaram Singha Roy
Languages Known	English, Bengali Hindi

Experience Details:

Sl No	Employer Name	Designation	From	To	Experience in Years
1	Ani Infogen Pvt. Ltd	Service Engineer	25-07-2003	16-06-2005	2 Years
2	Dumkal Institute of Engineering & Technology	Assistant Professor (HOD),AEIE (UG)	18-06-2005	31-07-2010	5 Years
3	Govt College of Engg And Textile Technology,Berhampore	Part Time Teacher	12-10-2010	Till now	

1. International Conference Proceedings:

Sl. No	Title of Paper	Details of Conference Publication	ISSN/ISBN No	No of Co-author	Date of Publication
1	Performance Enhancement of Slotted shaped Microstrip Antenna for wireless communication	IEEE International conference on Green Computing, Communication and Conservation of Energy, Chennai	ISSN: 978-1-4673-6125-5	2	12/12/2013
2	Design and Analysis of Microstrip Patch Antenna Characteristics using ANN for wireless Communication	International conference on Advances in Science & Technology, IEEE Bombay Section		1	11/11/2014
3	Design & Slotted Microstrip Patch Antenna with Enhanced Bandwidth in C-band Application	IEEE International conference on ICECCT-2015, Chennai	ISSN: 978-1-4799-6084-2	1	05/03/2015
	QCM based Electronic Nose for Black Tea	International Conference on			01/06/2019

4	Quality Evaluation by Different Data Analysis Techniques	Emerging Trends in Engineering , Science and Technology (ICEST-19)	ISBN:978-8-1929-5801-8	1	
5	Wide band Rectangular wearable Microstrip Ring antenna with textile substrate and its Performance after washing	IOP Science : Journal of Physics, SCOPUS indexed	ISBN:1742-6588	2	13/08/2020
6	A Novel Construction of Multiband Compact Microstrip patch antenna and its Applications in WiMAX, HiPERLAN	Lecture Notes in Electrical Engineering (LNEE), Springer , SCOPUS indexed	ISBN:1876-1119	1	

2. National Conference Proceedings:

Sl. No	Title with Page No	Details of Conference Publication	No of Co-author	Date of Publication
1	Bandwidth and gain Enhanced with 8-shaped slotted Micostrip patch Antenna for wireless communications, P-11-13.	2 nd National conference on Emerging Trends in Communication & Signal Processing ,Hyderabad	2	27/02/2013
2	Optimization of Rectangular Microstrip antenna at 5.5GHz for wireless communications, P-16-20	2 nd National conference on Recent Advancement in Signal processing & Communication, Tamil Nadu	3	01/04/2013

3. Published Books or Edited Volume:

Sl. No.	Title	Book or Edited Volume	Publisher & ISBN No. (I. International II. National III. Regional)	Whether Peer Reviewed	No of Coauthor/s	Whether you are the main author	Year of Publication
1	Introduction of the Dielectric Antenna and Finite Element Methods	Book	LAP- Lambert Academic Publisher, Germany ISBN: 978-3-659-87433-8 (I. International)	Yes	2	Yes	2018
2	Introduction to Microstrip Patch Antenna and Computer Aided Design	Book	LAP- Lambert Academic Publisher, Germany ISBN: 978-613-9-	Yes	2	Yes	2019

			45212-5 (I. International)				
3	Structural Analysis: Microstrip Antennas with Neural Network Models	Book	LAP- Lambert Academic Publisher, Germany ISBN: 978-613-9-45808-0 (I. International)	Yes	2	Yes	2019
4	Investigations on Tapered Dielectric Slab Antenna	Book	LAP- Lambert Academic Publisher, Germany ISBN: 978-613-9-98248-6 (I. International)	Yes	2	Yes	2019
5	Review: Artificial Neural Network and its Application Antennas	Book	LAP- Lambert Academic Publisher, Germany ISBN: 978-620-0-00583-0 (I. International)	Yes	2	Yes	2019

4. Training Courses, Teaching-Learning, Seminar, Work shop, Faculty Development Program:

Sl. No	Program/Course	Program Type	Organizing Authority	Duration
1	Recent Research Trends in Control, Instrumentation & Allied Engineering	FDP	National Institute of Technology Silchar (NIT), Assam	1 Week
2	FPGA Based Digital System Design	Workshop	Govt. College of Engineering & Textile Technology, Berhampore, TEQIP-II Sponsored	1 Week
3	Training on PLC and Power Electronics	Training Course	Centre for Electronics Test Engineering, Ministry of Communication & IT, Kolkata	1 Month
4	Microprocessor & Microcontroller System	Teaching	Govt. College of Engineering & Textile Technology, Berhampore, TEQIP-II Sponsored	20 Days
5	Recent Trends in Electrical Engineering	Seminar	MCET, Berhampore, TEQIP-II & IEEE DEIS sponsored	2 days
6	Sustainable Development in Electrical & Instrumentation Engineering	Seminar	MCET, Berhampore, TEQIP-II, IEEE DEIS & PES sponsored, Kolkata Chapter	2 Days
7	Applied Nonlinear Dynamics and Chaos	Workshop & Symposium	Dumkal Inst. Of Engineering & Technology, Murshidabad	1 Week
8	Computer Simulation in Electrical & Electronics Engineering	Workshop	Govt. College of Engineering & Textile Technology, Berhampore, TEQIP-II Sponsored	1 Week
10	Dart Programming Language	Workshop	Department of CSE, Dr. B.C Roy Polytechnic, Durgapur	1 Day

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5. Published Papers in Journals:

Sl No	Name of Article	Journal with page no	ISSN/ISBN No	Referred/Non-Referred /UGC Approved	Impact Factor	Year of Publication
1	Design of multifunctional Patch antenna with two slots of seven Notch bands for broad band applications using different polarizations	Tianjin Daxue Xuebao (Ziran Kexue yu Gongcheng Jishu Ban)/ Journal of Tianjin University Science and Technology , P-406-420	ISSN No:-0493-2137, Vol:54 Issue:07:2021	Scopus Indexed, UGC Approved	0.52	2021
2	Design of Triband Textile Microstrip Antenna with High Directivity Using Foam Substrate	Bioscience Biotechnology Research Communication	ISSN:0974-6455 Special Issue ,Vol: 13 Number :10	ESCI Indexed, UGC Approved	7.7	2020
3	Design and Optimization of V-Shaped Microstrip Patch Antenna with enhanced Bandwidth in Broadband Applications	Int. Journal of Recent Technology and Engineering, P-878-881	ISSN No:- 2277-3878, Volume-8, Issue-2	Scopus Indexed, UGC Approved	5.92	2019
4	Optimization of Microstrip Patch Antenna with Zig-Zag Slot in Broadband Communication	International Journal of Innovative Technology and Exploring Engineering, P-823-826	ISSN No:- 2278-3075, Volume-8, Issue-9	Scopus Indexed, UGC Approved	5.54	2019
5	QCM based Electronic Nose for Black Tea Quality Evaluation by Different Data Analysis Techniques	Int. Journal of Recent Technology and Engineering, P-794-797	ISSN No:- 2277-3878, Volume-8, Issue-1S4	Scopus Indexed, UGC Approved	5.29	2019
	Investigations and	Int, Journal of Electronics	ISSN No:- 0973-7383,	Referred, UGC	5.1	2019

6	Enhancement of Aperture solid Dielectric Pyramidal Cone Horn Antenna in X Band Applications	Engineering, P-130-135	Volume-11, Issue-1	Approved		
7	Design and Analysis of Ultra Wide Band Spiral Dielectric Antenna in Wireless Communications	Int, Journal of Research in Electronics & Computer Engineering, P-1250-1253	ISSN No:-2348-2281, Volume-7, Issue-1	Referred, UGC Approved	4.305	2019
8	Investigations on Dielectric Slab Antenna and Its Performance Improvement in Broadband Communication	International Journal of Scientific Research and Reviews, P-737-751	ISSN No:-2279-0543, Volume-8, Issue-1	Referred, UGC Approved	6.946	2019
9	Front Truncated Novel Dielectric Rectangular Slab Antenna for Better Impedance Matching and Directive Gain without Increasing the Radiating Slab Size	International Journal of Scientific Research and Reviews, P-1365-1375	ISSN No:-2279-0543, Volume-8, Issue-1	Referred, UGC Approved	6.946	2019
10	Design and Analysis of Ultra Wide Band log-periodic Planar Dielectric Antenna in Wireless Communications	International Journal of Scientific Research and Reviews, P-1980-1985	ISSN No:-2279-0543, Volume-8, Issue-1	Referred, UGC Approved	6.946	2019
11	Bandwidth Analysis and Optimization of Ψ -shaped Microstrip Patch Antenna with Artificial Neural Network	Int. of Innovation and Scientific Research, P- 299-306	ISSN No:-2351-8014, Volume-2, No-2	Referred, Copernicus Indexed	2.988	2017
12	Analysis of	Int. J. of Electronics and	ISSN No-2249-071X,	Referred		2016

	Microstrip Patch Antenna with Enhanced Bandwidth for Wireless Application	Computer Engineering, P-220-223	Volume-7, Issue 4			
13	Design of h-Slotted Microstrip Patch Antenna with Enhanced Bandwidth for C-Band Application	Int. J. of Innovative Technology and Exploring Engineering, P-43-46	ISSN No-2278-3075, Volume-6. Issue 3	Referred, Scopus Indexed	4.66	2016
14	Optimization and improved Bandwidth of Fork shape Microstrip Antenna via Artificial Neural Network	IOSR J. of Electronics and Communication Engineering, P-7-12	ISSN No-2278-8735, Vol.11, Issue-4, Ver .IV	Referred, UGC Approved		2016
15	Design and Analysis of L- slotted Microstrip Patch Antenna with different Artificial Neural Network models	Int. J. of Microwaves Applications, P-158-164	ISSN No-2320-2599, Vol.2,No.6	Referred	4.253	2013
16	Optimization with I-slotted Microstrip patch Antenna for wireless communications	Int. J. of Application on Innovation in Engineering & Management, P-16-21	ISSN No-2319-4847, Volume:2, Issue:4	Referred, UGC Approved, Scopus Indexed	2.379	2013
17	Bandwidth and gain Enhanced with I-slotted Microstrip patch Antenna for wireless communications	Int.J.of Engineering Research and Applications, P-845-848	ISSN No-2248-9622, Volume:3	Referred, UGC Approved,	5.011	2013
18	Design of C-Slotted Microstrip Antenna using Artificial Neural Network Model	Int. J. of Research in Engineering and Technology, P-120-124	ISSN No-2319-1163, Vol.2, Number:12	Referred, Copernicus Indexed		2013
19	Bandwidth and gain	Int. J. of Electronics and	ISSN No-2277-1956, Volume:2,	Referred		2013

	Enhanced with H-slotted Microstrip patch Antenna for wireless communications	Computer Science Engineering,P-85-90	Number:2			
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6. EDITORIAL BOARD MEMBER_____

- a) International Journal of Advanced Engineering and Management (Unpaid Journal).
- b) Reviewer of SCI indexed journal IET Electronics Communication.

7. MEMBERSHIP OF PROFESSIONAL BODDIES_____

- a) Internet Society, India Kolkata Chapter, Membership ID:215164
- b) International Association of Engineers, Membership No-228402
- c) Society of Digital Information and Wireless Communications,ID-22966
- d) Institute of Research Engineers and Doctors, Membership No-AM101000583201

I hereby declare that all the information furnished above is true to the best of my knowledge and belief.

(Dr. Pritam Singha Roy)

Place: Berhampore (W.B)