

Work Address

Dream Institute of Technology

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Dr. Bivas Roy

Objective

Upgrading the educational process and ensuring an interactive environment in which teaching, research, training, upgrading skills and practical applications are integrated so that the student's experience is enriched.

Experience

September 2021 to till now working

Dream Institute of Technology.

Assistant Professor, Electrical Engineering Department

August 2018 To September 2021

**Pailan Technical Campus, Joka, Kolkata-700104,
Associate Professor & Principal**

August 2016 to June 2018

**National Institute of Technology, Silchar,
Cachar, Silchar, Assam.**

(An Institute of National Importance)

Assistant-Professor (Contractual), Electrical Engineering Department

January 2008 to December 2015

**JIS College of Engineering, Kalyani, Nadia.
(Autonomous Institute)**

Assistant-Professor, Electronics & Instrumentation Engineering Department

July 2006 to January 2008

**Calcutta Institute of Engineering & Management,
Tollygunge, Kolkata-70040**

Lecturer, Instrumentation & Control Engineering Department.

July 2005 to July 2006

**Ariyabhatta Institute of Engineering &
Management Durgapur, Panagarh, Burdwan.**

Lecturer, Electronics & Communication Engineering Department.

January 2016 to August 2016

Guest Teacher, Department of Engineering and Technological Studies, **University of Kalyani**, Kalyani , Nadia.

Education

Ph.D (Engineering)

Department of Engineering and Technological Studies , **University of Kalyani on 2018.**

Ph.D Thesis Title:- Measurement of Dielectric Constant and Loss Tangent ($\tan\delta$) of Textile Substrates and Design of Microstrip Antennas Using These Substrates.

M.Tech

Instrumentation & Control Engineering.
Applied Physics Department,
University of Calcutta, on 2008

B.E in

Electronics & Instrumentation Engineering
The University of Burdwan, on 2004

Software Proficiency

LabVIEW , ZELAND IE3D, Ansoft HFSS.

Workshop Attended

Title	Duration	Organized by
Microcontrollers & Embedded systems	1/07/2013 To 06/07/2013	IIT, Kharagpur.
Signals and System by (IIT KGP)	2/01/2014 To 12/01/2014	IIT, Kharagpur.
Recent Trends in Embedded system.	28/01/2014 To 29/01/2014.	JISCE, Kalyani
Basic Pedagogy	16/6/14 To 21/6/14	NITTTR, Kolkata
Effective Evaluation	03/08/09 To 08/08/09	NITTTR, Kolkata
RF Fundamentals for Modern wireless and satellite Communication	16/06/08 To 29/06/08	IIT, Kharagpur
Embedded Systems	02/7/08 To 15/07/08	IIT, Kharagpur
Pedagogy	3 days on 2015	IIT,Khragpur
Introduction to design of Algorithms	25/5/2015To 30/5/2015	IIT,Kharagpur
Quality Based Evaluation in The Process of Accreditation for Technical and Management Institute	16/09/2013	WBSCHSE & WBUT

Workshop Organized

Organized IIT-BOMBAY SPOKEN TUTORIAL Workshop on 2014 as a coordinator.

Job Profile

Assistant Professor and HOD, Electrical Engineering Department, *Dream Institute of Technology*.

Publication

[1] “Wideband rectangular wearable jeans antenna” **Bivas Roy**, Partha Pratim Sarkar, and Santosh Chowdhury, *Microwave Optical Technology Letters* , Vol. 55, No. 6, 2013 , Pages 1270–1273. DOI 10.1002/mop.27548

[2] “Measurement of Dielectric Constant (ϵ_r) and Loss Tangent ($\tan\delta$) of Textile Substrates”

Bivas Roy, Debasree Chanda Sarkar ,Partha Pratim Sarkar and Santosh kumar Chowdhury

.*International Journal of Electronics Engineering Research* , Vol. 9, No 8 ,2017 , Pages 1197- 1202.

[3] “The effect of washing on the Performance Characteristics of Wideband Textile Microstrip Antennas” **Bivas Roy**, Debasree Chanda Sarkar ,Partha Pratim Sarkar and Santosh kumar Chowdhury , *Advances in Wireless and Mobile Communications* ,Vol. 10, No 5 ,2017 , Pages. 1001-1006.

[4] “Wearable Corduroy Textile Antenna” **Bivas Roy**, *International Journal of Digital Application & Contemporary Research* Volume 4, Issue 2, September 2015. ISSN: 2319-4863

[5] “A Wearable Textile Bed Sheet Cotton Substrate Material Micro Strip Antenna in the ISM Band” **Bivas Roy** *International Journal of Recent Research in Electrical and Electronics Engineering (IJRREEE)* Vol. 2, Issue 4, pp: (16-19), Month: October - December 2015, ISSN 2349-7815

Subject taken in UG Level

- Electrical Measurement & Instrumentation
- Microprocessors and Computer Architecture
- Sensors and Transducers
- Industrial Instrumentation
- Advanced Microprocessors & Microcontrollers
- Bio Medical Instrumentation
- Telemetry and Remote Control

Subject taken in PG level

- Mechatronic Systems-Application & Control
- Mechatronics
- Power Electronics
- Microcontroller Based System Design