

Name: Mr: NILKAMAL BHUNIA

Department: ECE

Contact Nos.: 9433389447 and 8617488396

Qualifications: M.E.

Designation: ASSITANT PROFESSOR-II

VIDWAN ID: 186809



**Experience (Teaching / Research / Industry, in years): Teaching-13 years; Research-3 years;
Industry-NA**

Date of Joining at the Present Institution: 23-02-2010

**Examinations Cleared: 1. GATE in 2006 in ECE Dept. GATE SCORE-384
2. SET QUALIFIED in 2017. SCORE 216 out of 350.**

Qualifications Summary (Reverse chronological order):

Degree	Institute	From - To	Subjects
M.E	Jadavpur University	2006-2008	Control System
B.E	THE BURDWAN UNIVERSITY	1999-2003	Electronics & Communication Engineering
H.S	WBCHSE	1997-1999	Science
SECONDARY	WBBSE	1995-1997	General

Experience Summary (In chronological order):

Designation	Organization	Date From - Date To
ASSISTANT PROFESSOR	BCREC	23-02-2010- UPTO DATE
LECTURER	BITM	01-08-2008- 22-02-2010

Specialization/Research Interest: Speech Communications

Awards & Recognitions:

1. Scholarship from HRD from July 2006 to June 2008 during M.E Course.
2. NPTEL TOPPER IN PRINCIPLES OF DIGITAL COMMUNICATIONS at IIT BOMBAY

Courses taught:

B.Tech: Specify the name of the subject/s (Theory first and then practical)

SUBJECTS

1. BASIC ELECTRONICS
2. ANALOG ELECTRONICS CIRCUITS
3. DIGITAL ELECTRONICS
4. SIGNALS AND SYSTEMS
5. DIGITAL SIGNAL PROCESSING
6. ANALOG COMMUNICATIONS
7. DIGITAL COMMUNICATIONS
8. CONTROL SYSTEMS
9. DIGITAL IMAGE PROCESSING

PRACTICALS

1. BASIC ELECTRONICS LAB
2. ANALOG ELECTRONICS CIRCUITS LAB
3. DIGITAL ELECTRONICS LAB
4. SIGNALS AND SYSTEMS LAB
5. DIGITAL SIGNAL PROCESSING LAB
6. ANALOG COMMUNICATIONS LAB
7. DIGITAL COMMUNICATIONS LAB
8. CONTROL SYSTEMS LAB
9. DIGITAL IMAGE PROCESSING LAB

M.Tech: specify the name of the Subject/s

1. Wireless Communications
2. MIMO Systems
3. Advanced DSP

Online Mode of Teaching: NIL

Publications: NIL

Journal: NIL

Conference: NIL

Book: NIL
Book Chapter: NIL

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

For Ph.D: NA

Projects:

1. (M.Tech Thesis)

Name of the supervisor	Title of the Thesis (2016)	Name of the student/s	University Roll Number
Prof. Nilkamal Bhunia	Study on Adaptive Filter Algorithm for System Identification	Ritika Goel	12013514006

2 For B.Tech

Name of Project Supervisor	Project Title(2016)	Name of Student	University Roll Number
Prof. Nilkamal Bhunia	Image Compression using wavelet transform in Matlab	AMIT ANAND	12000312010
		ANKIT KUMAR	12000312016
		PRAVIN PRAKASH	12000312067
		RAKESH ROSHAN KESHRI	12000312074
		SUSHANT KUMAR	12000312118

Name of Project Supervisor	Project Title(2017)	Name of Student	University Roll Number
Prof. Nil Kamal Bhunia	Image Compression using Wavelet Transform.	SAYANTI DUTTA	12000313085
		SNEHA SUMAN	12000313097

		SUBARNA DUTTA	12000313102
		SOUMI BHATTACHARYYA	12000314135
		ANINDITA GHAR	12000314120

Name of Project Supervisor	Project Title(2018)	Name of Student	University Roll Number
Prof. Nilkamal Bhuia	Image Compression using discrete wavelet transformation(DWT)	AMAN PRAKASH	12000314008
		SANNI SHARMA	12000314079
		SUNIL KUMAR	12000314105
		SYED FAISAL MUJEEB	12000314109
		VIVEK KUMAR SINGH	12000314116

Name of Project Supervisor	Project Title(2019)	Name of Student	University Roll Number
Prof. Nilkamal Bhunia	IMAGE COMPRESSION USING WAVELET TRANSFORM	Anoushka Mazumder	12000315016
		Deepti	12000315035
		Poonam Kumari	12000315071
		Sagarika Mandal	12000315087
		Soma Bhattacharjee	12000315105
		Syed Sarah Tasnim	12000315115

Name of the supervisor	Title of the Project (2020)	Name of the student/s	University roll number
Prof.Nilkamal Bhunia	28 GHz Channel Sounding	Abhijeet Chakraborty	12000316133
		SAYAN SANTRA	12000316042
		Swagata Das	12000317001
		Arka Prava Gorai	12000317009
		Aritra sinha	12000317010
		Chaity Pal	12000316110

Name of the supervisor	Title of the Project (2021)	Name of the student/s	University roll number
Prof.Nilkamal Bhunia	28 GHz Channel Sounding	Arkajit Biswas	12000317113
		Sahilur Rahaman	12000317055
		Rohit Kumar Bhunia	12000317059
		Om Prakash Choudhary	12000317078
		Niraj Kumar	12000317081
		Sumit Kumar	12000317023
		Aniket Dutta	12000317125
		Ajay Kumar	12000317132
		Abhinav Kumar	12000317133

Invited Lectures: NIL

Participation in seminar/conference/symposium/workshop/discussion meeting:

Participation in faculty development programmes

Name of the faculty development programmes	Online / Face-to-face	From Date – To Date	Duration	Year	Organized by
NPTEL Course	online	30-07-2018 – 29-10-2018	12 week	2018	III, BOMBAY
Workshop Full Custom VLSI Design on Mentor Graphics	Face-to-face	15-17, May 2019	3 day	2019	BCREC ECE Department.
A Seminar on "Teaching and Learning Skill Development"	Face-to-face	22nd August 2019.	1 day	2019	organized at the BCREC
NPTEL Course	online	JAN-MAR 2020	8WEEK	2020	IIT, KHARAGPUR

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

Participation in administrative committees (selected):

Co-ordinator NAAC ECE Dept Year-2019

Project Ideas Submitted to Govt. Agencies/ On-going Projects / Research Ideas under preparation & execution: NO

Membership of professional bodies: IEEE, IETE, IEL, CSI, MGMI etc.: NO