

Personal Profile

Name	DR BIKASH CHAKRABORTY	
Designation	ASSOCIATE PROFESSOR	Photo
Date of birth	20/08/1979	
Educational qualification	MSc, PhD	
Permanent address	SUBHANKAR SARANI (EAST), PRATAP BAGAN, BANKURA, 722 101	
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Date of joining this institution	14/06/2006	
Past services	NA	
Areas of teaching	MATHEMATICAL PHYSICS, QUANTUM MECHANICS, ELECTRONICS, HEAT AND THERMODYNAMICS	
Vidwan Portal ID	273687	
ORCID ID	NA	
Google Scholar ID	NA	
Research Gate ID	NA	

FACULTY DEVELOPMENT PROGRAMME

RESEARCH JOURNAL PUBLICATION (NATIONAL AND INTERNATIONAL)

International:

1. BikashChakraborty, “An all-optical method of implementing phase-encoded single-bit binary comparator”, Journal of Optics volume 48, pages452–455 (2019)
2. BikashChakraborty and SourangshuMukhopadhyay, “Alternative approach of conducting phase-modulated all-optical logic gates” Optical Engineering, Volume 48, Year 2009
3. BikashChakraborty and SourangshuMukhopadhyay, “An all-optical method of developing a half subtractor by the use of phase encoding principle”
4. BikashChakraborty and SourangshuMukhopadhyay, “A METHOD OF IMPLEMENTING PHASE ENCODED OPTICAL HALF ADDER AND FULL ADDER SYSTEM”, Optics and Photonics Letters, Volume 03, Year 2010.
5. BikashChakraborty and SourangshuMukhopadhyay, “All-optical method of developing half and full subtractors by the use of phase encoding principle”,Optik, Volume 122, Year 2011, Pages 2207-2210

6. BikashChakraborty and SourangshuMukhopadhyay, “All-optical method of developing a phase encoded latch by using EDFA”, Optik, Volume 122, Year 2011, Pages 1844-1847
7. BikashChakraborty and SourangshuMukhopadhyay, “A method of implementing all-optical clocked flip-flop with phase encoded optical logic”, Optik, Volume 123, Year 2012, Pages 1432-1435.

National:

BOOKS / BOOK CHAPTERS / MONOGRAPHS

NA

POPULAR ARTICLES

NA

PAPER PRESENTATION/ PARTICIPATION: CONFERENCES/SEMINARS /SYMPOSIA /WORKSHOPS

Title of the Seminar/Conference/Workshop	Title of the Paper	Sponsoring Agency	Name of the Host Institution	Date(s)
7th international conference on Optics-photonics Design & Fabrication (ODF'10 Yokohama), Yokohama, Japan	An all-optical method of developing a half subtractor by the use of phase encoding principle	UGC, DST	Optical Society of Japan	19 to 21 April 2010

RESEARCH PROJECTS

- Name of the Research Project: NA
- Funded by:
- Amount sanctioned:
- Memo No. and Date:
- Date of Completion:

RESEARCH GUIDANCE

- Name of the candidate: UTTAM MANDAL

- Registration No: BKU/PhD/PHYS-04/2018-19/7-20
- Date of Registration: 19/03/2019
- Area of Research: Synthesis and characterization of Schiff base complexes of some first row transition metal
- Awarded/Ongoing: Ongoing

AWARD/RECOGNITION/MEMBER OF BOARD OF STUDIES/ACADEMIC ACTIVITIES

NA

COMMUNITY WORK/SOCIAL ACTIVITY

1. SPOC, BANKURA CHRISTIAN COLLEGE, NPTEL-SWAYAM LOCAL CHAPTER

ANY OTHER

1. COORDINATOR, NETAJI SUBHAS OPEN UNIVERSITY, BANKURA CHRISTIAN COLLEGE LEARNER SUPPORT CENTRE.