

Name: Dr. Priyangshu Rana Borthakur

Designation: Associate Professor

Branch: Basic Science (Physics)

E-mail: priyangshu.borthakur@iutripura.edu.in



Educational Qualification(s):

Qualification(s)	University
M.Sc.	Dibrugarh University
M.Phil.	Dibrugarh University
Ph.D.	Gauhati University

Experience in years:

Academic : 17 years

Details:

Sl. No.	Organization	Position Held	Duration	
			From	To
1	SEMC, Shillong	Lecturer	1999	2004
2	ICFAI Univ. Tripura	Associate Professor	2004	Till date

Other Information:

a) Publication details:

	Title of the paper	Year of publication	Name of the Journal, Vol.(Issue): pp
1	Lattice thermal conductivity of skutterudite compounds	2010	<i>Indian Journal of Physics</i> , 84 (6): 675-679 [ISI(web of science) impact factor= 1.785]
2	Fluorescence spectra of seeds of bitter gourd (<i>Momordicacharantia</i>)	2012	<i>National Academy Science Letter</i> , 35(1): 45-47 [ISI(web of science) impact factor= 0.240]
3	Steady-state and time-resolved fluorescence of seeds of the spiny gourd (<i>Momordicadioica</i>)	2013	<i>Spectroscopy Letters</i> , 46 (8):609-614 [ISI(web of science) impact factor= 0.718]
4	405 nm-Excited Fluorescence Spectra of the Juice of the Lemon (<i>Citrus</i>	2013	<i>Food Biophysics</i> , 8: 297-301 [ISI(web of science) impact factor= 1.551]

	<i>x Limon</i>)		
5	Analysis of ring laser configuration with reference to its rotation rate	2012	<i>The Science Probe</i> , 1(2): 6-11
6	Fluorescence Studies of the Seeds of the Pumpkin (<i>Cucurbitapepo</i> L.)	2014	<i>National Academy Science Letter</i> , 37(3): 272-276[ISI(web of science) impact factor= 0.240]
7	Fluorescence measurements of the seeds of the pointed gourd (<i>Trichosanthesdioica</i>)	2014	Proceedings of National Conference on Physical Sciences, Organised by Department of Physics, DHSK College in association with Society for Laser and Optical Science, 2014, PP 142-149
8	Time-resolved fluorescence measurements of seeds of the bitter gourd (<i>Momordicacharantia</i> L.)	2015	' <i>Asian Journal of Physics</i> ', Vol. 24, No 1(2015)

(b) Details of Seminar/Workshop/Conference.

Workshop/ Conferences Attended:

1. 94th **Indian Science Congress**, NEHU University. (paper presented) January 3 -7, 2009.
2. National Conference on "**Symposium on Recent Trends in Biophysics**", Banaras Hindu University, (paper presented) February 13-15, 2010.
3. **Workshop on Emerging Techniques of Biophysics, Department of Physics, BHU**, February 16, 2010.
4. '**North Eastern Symposium on Science & Technology**' **The ICFAI University Tripura**(paper presented) February 18 -19, 2010
5. '**Tripura Science Congress**', Tripura University, Tripura,.(paper presented) September 9-10, 2011
6. National Seminar on '**Current Trends in Physics Research**', Darrang College, Tezpur, Assam (paper presented). January 30 – February 1, 2014

Workshop Organized:

1. Organized two days workshop on "**Image Processing**" in collaboration with ISI, Kolkata, in the faculty of Science & Technology, The ICFAI University, Tripura, November 14 -15, 2011.
2. Organized '**National Workshop on Computational Information Processing**' in collaboration with ISI, Kolkata in The ICFAI University, Tripura on February 2-3, 2015.

3. Organized one day Workshop on '*Intellectual Property Rights*', in The ICFAI University, Tripura on February 25, 2015.
4. Organized one day workshop '*A Fun Day with Science*', to promote scientific temperament among the school children of Class IX to XII standard in collaboration with Science Outreach India on April 16, 2015.

(c). Professional membership of reputed bodies if any:

1. **Life Member:** Physics Association of North East (PANE)
2. **Life Member:** Indian Association of Physics Teachers (IAPT)