

Name: Dr. Priyangshu Rana Borthakur

Designation: Professor & Dean

Branch: Physics



Educational Qualification(s):

Qualification(s)	University
B.Sc (Hons.) Physics	Dibrugarh University, Dibrugarh
M.Sc. in Physics	Dibrugarh University, Dibrugarh
M.Phil in Physics	Dibrugarh University, Dibrugarh
Ph.D. in Physics	Gauhati University, Guwahati

Experience in years:

Academic: 18 Years

Details:

Sl. No.	Organization	Position Held	Duration	
			From	To
1	The ICFAI University Tripura	Professor	2019	Till date
2	The ICFAI University Tripura	Associate Professor	2015	2019
3	The ICFAI University Tripura	Assistant Professor	2004	2015
4	SEMC, Shillong	Lecturer	1999	2004

Other Information:

a) Publication details.

1. Lattice thermal conductivity of skutterudite compounds - *Indian Journal of Physics*, 84 (6): 675-679 [ISI(web of science) impact factor= 1.785], 2010
2. Fluorescence spectra of seeds of bitter gourd (*Momordica charantia*) - *National Academy Science Letter*, 35(1): 45-47 [ISI(web of science) impact factor= 0.240], 2012

3. Steady-state and time-resolved fluorescence of seeds of the spiny gourd (*Momordica dioica*) - *Spectroscopy Letters*, 46 (8):609-614 [**ISI(web of science) impact factor= 0.718**], 2013
4. 405 nm-Excited Fluorescence Spectra of the Juice of the Lemon (*Citrus x Limon*) - *Food Biophysics*, 8: 297-301 [**ISI(web of science) impact factor= 1.551**], 2013
5. Analysis of ring laser configuration with reference to its rotation rate - *The Science Probe*, 1(2): 6-11, 2012
6. Fluorescence Studies of the Seeds of the Pumpkin (*CucurbitapepoL.*) - *National Academy Science Letter*, 37(3): 272-276 [**ISI(web of science) impact factor= 0.240**], 2014
7. Fluorescence measurements of the seeds of the pointed gourd (*Trichosanthes dioica*) - 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, 2014
8. Time-resolved fluorescence measurements of seeds of the bitter gourd (*Momordica charantiaL.*) - 'Asian Journal of Physics', Vol. 24, No 1(2015), 2015

b) Details of Seminar/Workshop/Conference.

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
7. Attended workshop on Network Security at The ICFAI University Tripura on 14 -15 November, 2019
8. Attended Workshop on '**Data Science**', in The ICFAI University, Tripura on 27-31 January, 2020.
9. Attended Workshop on '**Blockchain Technology**', in The ICFAI University, Tripura on 6-7 February, 2020.

10. Attended Introductory Workshop on '*Physical Perspectives of Astronomy*', at The ICFAI University, Tripura held on 30-31st October, 2019
11. Attended Webinar on "*The Fascinating World of Nanomaterials*", at the ICFAI University Tripura held on 25th May, 2020
12. Attended Webinar on "*Bose-Einstein Condensation – The story for the last 100 years*", at the ICFAI University Tripura held on 24th September, 2020
13. Attended webinar on "*how to move forward in life at this pandemic situation and how to remain positive and happy*" in the ICFAI University Tripura held on 10th September, 2020.
14. Attended Webinar on "*Exploring Nuclear Structure- following the path of Gamma ray Spectroscopy*", in the ICFAI University Tripura held on 22th December, 2020
15. Attended Webinar on "*The Landmark Discovery of a far away Galaxy using the Indian Astrosat Space Observatory*", at the ICFAI University Tripura held on 14th October, 2020
16. Attended Webinar on '*Physics of Smart material*', in The ICFAI University, Tripura held on 9th April, 2021

C) 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.
5. Organized one day Workshop on '*ICT based language translation*', in The ICFAI University, Tripura on October 1, 2015.
6. Organized Orientation Workshop on '*Physics Practical of Higher Secondary Course*', in The ICFAI University, Tripura on 23rd July to 26th July, 2015.
7. Organized "*Meet the Scientist Program*" in collaboration with State Council of Science & Technology, Govt of Tripura on 11th January, 2017 at the ICFAI University Tripura (Scientist Prof.(Dr.) Mayank Vahia, TIFR grace the session)
8. Organized Lecture sessions on '*Science Communication in Engineering Studies*' and '*Research Methodology in Education & on Science & Mathematics Teaching*'

held on 30.01.2017. Speaker: Dr. Henchandra Chintamani Pradhan, Former Director of Homi Bhabha Centre for Science Education & Research, Tata Institute of Fundamental Research

9. Organized seminar on '**Smart material**', in The ICFAI University, Tripura on 15th February, 2017.
10. Organized Workshop on '**Smartphone Application Development using Android**' in The ICFAI University, Tripura on 20 - 22nd March, 2017
11. Organized Workshop on "**Virtual Lab**" in collaboration with IIT, Delhi in The ICFAI University, Tripura held on 19.05.2017
12. Organized two days Workshop on "**Virtual Lab**" in collaboration with IIT, Delhi in The ICFAI University, Tripura held on 30/10/2017 to 01/11.2017..
13. Organized three days Workshop on "**Advance Data Analysis with R-software**" in collaboration with Indian Statistical Institute, SQC and OR unit, Bangalore on 28-30th November, 2017
14. Organized four days Workshop on '**Robotics**' in The ICFAI University, Tripura in collaboration with SakRobotics, IIT Bhubaneswar held on 22-25 March, 2018
15. Organized Introductory Workshop on '**Physical Perspectives of Astronomy**', in collaboration with Inter University Center for Astronomy & Astrophysics (IUCAA), Pune and The ICFAI University, Tripura on 30-31st October, 2019.
16. Organized Webinar on "**The Fascinating World of Nanomaterials**", on 25th May, 2020
17. Organized Webinar on "**Bose-Einstein Condensation – The story for the last 100 years**", on 24th September, 2020
18. Organized webinar on "**how to move forward in life at this pandemic situation and how to remain positive and happy**" in collaboration with Ramakrishna Mission, Shillong and the ICFAI University Tripura on 10th September, 2020.
19. Organized Webinar on "**Exploring Nuclear Structure- following the path of Gamma ray Spectroscopy**", on 22th December, 2020
20. Organized Webinar on "**The Landmark Discovery of a far away Galaxy using the Indian Astrosat Space Observatory**", Speaker: Shanti Swaroop Bhatnagar awardee Dr. Kanak Saha, IUCAA, Pune on 14th October, 2020
21. Organized Workshop on '**Data Science**', in The ICFAI University, Tripura from 27th January, 2020 to 31st January, 2020
22. Organized Webinar on '**Physics of Smart material**', in The ICFAI University, Tripura on 9th April, 2021
23. Organized Webinar on "**IMB Boot Camp**" in the ICFAI University Tripura on 21th August, 2021

24. Organized online National Conference on “*Emerging Trends in Physical Sciences*” in the icfai University Tripura on 27th September – 1st October, 2021
25. Organized Webinar on “*Linkedin Social Impact Mentoring Session*” in the ICFAI University Tripura on 10th November, 2021

(D). Professional membership of reputed bodies if any.

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