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Qualification:	M.Sc (Raveshaw university-2010) , M.Phil (Ravenshaw University-2011), M.Tech (IIT Delhi-2013) , PhD Continuing
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Area of Research:	Bio-Photonics, Applied optics
Teaching Domain:	Mathematical Physics, Thermal Physics, Mechanics, Quantum Physics, Particle Physics, EMT, Statistical physics.
Refresher Course:	Two-week refresher course in Physics at teaching learning centre, ***Ramanujan College, University of Delhi.***
Publication:	**1.Pradeep Kumar Behera* , D. S Mehta** "*Quantitative phase imaging (QPI) of biological cells using off-axis method of wide field digital interference microscopy(WFDIM)"IJARSE* . **2. Pradeep Kumar Behera 1 , Dr. Sudhakar Singh 2 "***Literature Review On Crystal Growth And Characterization Of Non Linear Optical Single Crystals Using Solution Method: SLR"* Webology

	(ISSN: 1735-188X) , Volume 18, Number 6, 2021, Scopus index journal 2021, Journal's Impact IF of Webology is **1.565**. **3. Mr. Pradeep Kumar Behera 1, Dr. Sudhakar Singh 2,"** *Survey paper on crystal growth and characterization of non-linear optical and single crystals: Novel approches***.**" Neuro Quant ology |December 2022	Volume 20	Issue 16	Page 3869-3876	doi: 10.48047/NQ.2022.20.16 . NQ880391. scopus index journal 2022.**ISSN**:1303-5150. The 2022-2023 Journal's Impact IF of NeuroQuantology is **0.442**. **4. Pradeep Kumar Behera1, 2 Dr Sudhakar Singh"** *To determine the crystal structure of the grown crystals by Single crystal XRD and Powder XRD techniques*" JOURNAL OF OPTOELECTRONICS LASER ISSN: 1005-0086 Volume 42 Issue 1, 2023, scopus index journal 2023. **5. Mr. Pradeep Kumar Behera 1, Dr Sudhakar Singh 2** " *To determine the crystal growth and characterization glycine grown from zinc sulphate GZS: Fourier transform Method"* Stochastic Modeling & Applications ISSN: 0972-3641 (UGC CARE) Vol. 26 No. 1 (June- December , 2022),ugc care list 1 journal, **ISSN: 2248-9444 Cite Score 2021 : 3.5 SJR 2021: 0.248 SNIP 2021: 1.051**
Conference:	**1. Pradeep Kumar Behera* , D. S Mehta and R.N Mishra"***Quantitative phase imaging (QPI) of biological cells using off-axis method of digital interference microscopy*" Odisha Physical Science(OPS) ,9-Feb2013,RavenshawUniversity,Odisha ,India. **2. Mr. Pradeep Kumar Behera ,** Ph.D Research scholar " *Review on theoretical aspect of nonlinear optics with solution method*" Academic Conferences in Current Trends International Conference On Recent trends in multi-disciplinary Research ICRTMDR, Conducted By ®Prashas Research Consulting Pvt. Ltd Hyderabad In Association With CENTRAL CHRISTIAN UNIVERSITY Malawi, East Africa, on 9th July 2022.internation conference For Participating and Presenting a Paper. **3. Pradeep Kumar Behera**, Ph.D Research scholar "*Growth and*

	Characterization of Nonlinear Optical Single Crystal of slow evaporation technique: Solution Method" in ICM-STEP by IIAR studies, Hyderabad, 8 September 2022," INTERNATIONAL CONFERENCE ON Management, science Technology, Engineering, Pharmacy and Humanities, Research trends, technologies and development, IIAR studies& research development. Corporate office, Hyderabad,8 September 2022.
Workshop/ seminar	**1.** Optical Workshop at IIT delhi: ***Cutting, grinding & polishing of glass ,Making & testing of optical flat & lens*** . **2.** ***Scilab workshop*** at Berhampur university, Odisha **3.** The International Conference on "***Recent Trends in Nano photonics (2011)"*** held at IIT Delhi, New Delhi, India. **4.**The International Conference on "***Bionanoscience (2011)"*** in collaboration with Toyo University, Japan held at IIT Delhi, New Delhi, India. **5.**State level workshop on ***"Making of Refracting Telescope (2009)",*** held at Utkal University , Orissa, India **6.**UGC-DRS (National level) Conference on ***"Aspects of Quantum Cosmology & early Universe (2009)"***, held at Ravenshaw University, Orissa, India
Professional Experience	**1.** Presently working as a Lecturer in physics at **Govt. College, Koraput,** Odisha since February 2015(B.Sc Hons and Pass). **2.** Working as Lecturer in physics at **Department of physics, College of Engineering and technology (CET)**, Bhubaneswar, Odisha from June 2014 to February 2015 (B.Tech and M.Sc). **3.** Working as Asst. Prof. in physics at **Aryan institute of engineering and technology (AIET), Bhubaneswar** from June 2013 to June 2014 (B.Tech). **4.** Teaching assistantship undergraduate and postgraduate in physics courses at **IIT Delhi from 2012 to 2013.**