


Curriculum Vitae

Full Name:	BIBHISAN ROY			
Designation:	Assistant Professor			
Department:	Chemistry (Physical Specialization)			
Campus:	Srinagar Campus			
Telephone:	+911346796461	Fax:		
Mobile:	7318994992			
Email	bibhisroy90@gmail.com			
Education Qualification:	PhD, IISER Pune, 2019			
Teaching Experience:	none	Research Experience: Post Doc	3 years 8 months (Post-doctoral)	
Research Interest and Fields of Specialization				
1. Ultrafast Spectroscopy, Mechanochromism 2. Phosphorescence and Triplet-Triplet Annihilation 3. Thermally activated delayed fluorescence and liquid crystals				
Honours & Awards				
1. Japan Society for Promotion of Sciences (JSPS) Post-doctoral Fellowship, Govt. of Japan 2. National Scholarship (Govt. of India) 3. Best Poster Award (TSRP, 2018)				
Member of Academic Institutions				
1. Hong Kong University of Science and Technology (HKUST), Hong Kong 2. Kyushu University, Kyushu, Japan				
Membership of Scientific Organizations				
1. Editor (Special Issue), Crystals, MDPI Publications				
Scientific Visits Abroad/ International Collaboration				
1. France (Strasbourg University) 2. Germany (Universität Munster)				
Conference/Symposium/Workshop Attended during last five years (2017-2022)				
International				
1. Invited Talk: Developing the Structure-Property Relationship to Design Solid State Multi-Stimuli Responsive Materials and Their Potential Applications in Different Fields; Title of Event: European Materials Research Society (EMRS), Place: Strasbourg, France; Date and Year: Spring Meeting 2018				
National				
1. Presented Poster: 14 th Trombay Symposium on Radiation and Photochemistry; Title of Event: Trombay Symposium on Radiation and Photochemistry (TSRP-2018), Place: DAE convention centre, Bhabha Atomic Research Centre, Mumbai; Date and Year: January 3-7, 2018				
2. Presented Poster: Poster Presentation on Lyotropic Liquid Crystals; Title of Event: 21 st CRSI National Symposium in Chemistry, Place: Indian Institute of Chemical Technology (IICT), Hyderabad; Date and Year: February, 2017				
Publications during last five years (2017-2022)				
Journals				
1. Mapping the Regio-isomeric Space and Visible color Range of Purely Organic Dual Emitters with Ultralong Phosphorescence Components: From Violet to Red towards Pure White-Light; <i>Roy Bibhisan</i> , Maisuls Iván, Zhang Jianyu, Niemeyer Felix C., Rizzo Fabio, Wölper Christoph, Daniliuc Constantin G., Tang Ben Zhong, * Strassert Cristian A,* and Voskuhl Jens*; <i>Angew. Chem. Int. Ed.</i> 61, e202111805, 2022 (I. F=16.82)				
2. Anthracene-Resorcinol Derived Covalent Organic Framework as Flexible White Light				

Emitter; Halder Sattick, Chakraborty Debanjan, Roy Bibhisan (2nd Equal contribution), Banappanavar Gangadhar, Rinku Kushwaha, Mullangi Dinesh, Hazra Partha, Kabra Dinesh,* and Vaidhyanathan Ramanathan*; J. Am. Chem. Soc. 140, 13367–13374, 2018 (I. F=16.38)

3. Blue-to-UVB Upconversion, Solvent Sensitization and Challenging Bond Activation Enabled by a Benzene based Annihilator; Zähringer Till J. B. , Moghtader Julian A. , Bertrams Maria-Sophie , Roy Bibhisan , Uji Masanori , Yanai Nobuhiro ,* Kerzig Christoph*; Angew. Chem. Int. Ed. doi.org/10.1002/anie.202215340 (I. F=16.82)
4. Developing the Structure-Property Relationship to Design Solid-State Multi-stimuli-responsive Materials and their Potential Applications in Different Fields; Roy Bibhisan, Reddy Mallu Chenna, Hazra Partha*; Chem. Sci. 9, 3592-3606, 2018 (I. F=9.969)
5. All in One: Stimuli-Responsive, Efficient Mitotracking, and Single Source White Light Emission; Roy Bibhisan *, Reddy Mallu Chenna, Jose Gregor P., Niemeyer Felix C., Voskuhl Jens I*, and Hazra Partha*; J. Phys. Chem. Lett. 12, 1162–1168, 2021 (I. F=6.475)
6. Sensing and Modulation of Amyloid Fibrils by Photo-switchable Organic Dots; Aslam Uddin, Roy Bibhisan, Jose Gregor P., Hossain SK. Saddam, Hazra Partha*; Nanoscale, 12, 16805-16818, 2020 (I. F=6.475)
7. Strategy to Activate Centrosymmetrically Packed Organic Luminogens; Roy Bibhisan, Reddy Mallu Chenna, Hazra Partha*; J. Phys. Chem. C, 123, 6, 3848–3854, 2019 (I. F=4.174)
8. Impact of Topology on the Characteristics of Water inside Cubic Lyotropic Liquid Crystalline Systems; Konoya Das, Roy Bibhisan, Satpathi Sagar, Hazra Partha*; J. Phys. Chem. B, 123, 4118-4128, 2019 (I. F=4.174)
9. Isoquinoline Based Alkaloid Chemosensor for Detection of Alkanes and Subsequent Fluorescence Switching inside Surfactant Coated Bio-mimicking Nanocavity; Bibhisan Roy and Partha Hazra*; J. Mol. Liq. 261, 520-529, 2019 (I. F= 6.165)
10. Nucleophilicity and pH of Water Inside Lipidic Nano-Channels of Lyotropic Liquid Crystalline Phases; Roy Bibhisan and Hazra Partha*; J. Mol. Liq. 285, 178 -184, 2019 (I. F= 6.165)

Proceedings

1. Structure-Property Relationship for Solid-State Mechanical Materials and their Potential Applications in Different Fields, Roy Bibhisan, Reddy Mallu Chenna, Hazra Partha*; European Materials Research Society (EMRS), 12/06/2018

Books

1. Jan Balszuweit #, Bibhisan Roy #_and Jens Voskuhl*; Aggregation Induced Emission from Sixth Main Group; Wiley Online Publications (doi.org/10.1002/9781119643098.ch25) , 2021 (# : Equally contributed)

Total Number of Research Publications: Twenty-three (23)