

# International Webinar (Lecture Series) on Quantum World: Past, Present & Future

## Organized by

## **Department of Physics (UG & PG)**

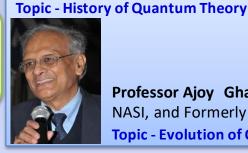
## PRABHAT KUMAR COLLEGE, CONTAI

### College with Potential for Excellence (under UGC XII Plan) & Re-accredited by NAAC

### Series I

Professor Subramanian Lokanathan, Formerly Professor of Physics, Rajasthan University

July 03, 2020 (10.30 am – 01.00 pm)



**Professor Ajoy Ghatak,** Meghnad Saha Distinguished Professor, NASI, and Formerly Professor of Physics, IIT, Delhi **Topic - Evolution of Quantum Mechanics** 

Professor Shyamal Kumar Bhadra Formerly Emeritus Professor (IACS), Formerly Chief Scientist, CGCRI Topic – Nonlinear Phenomena in Optical Fiber & A New Twist on Light by Photonic Crystals



Professor Bijoy Krishna Das Dept of Electrical Engg, IIT, Madras Topic - Integrated Quantum Photonics



Series II

July 08, 2020 (03.00 pm – 06.00 pm)

Series III

Dr. Anand Kumar Jha Associate Professor of Physics, IIT Kanpur Topic - Quantum Entanglement





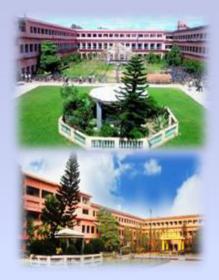
Dr. Kazi Rajibul Islam Assistant Professor, Department of Physics & Astronomy University of Waterloo, Canada Topic - Quantum Information Processing

Registration is Free but Mandatory. See overleaf.

### About the Webinar

Max Planck's creation of the quantum concept was so revolutionary that it took nearly 30 years for scientists to develop it into the theory that has transformed the way scientists view reality. In an article, 'One Hundred Years of Quantum Physics' published in 'Science' [289, 893 (2000)] Daniel Kleppner and Roman Jackiw rated the theory as "*the most precisely tested and most successful theory in the history of science*". Actually in 2000 we celebrated the Centenary of the Quantum Theory in which spectacular successes were mixed with persistent puzzles. To date Quantum Mechanics has provided powerful technologies and answered many questions. But physicists are raising new questions still to be answered. The end is not near. There are many fronts are left for unveiling. Brilliant prospects lie ahead. The eminent speakers will help us in building basic understanding and also gaining new insights in Quantum Mechanics and its applications by their lucid but resourceful deliberations on concrete, real-world physical phenomena.

**PRABHAT KUMAR COLLEGE** is the oldest College, located at Contai, Purba Medinipur District, West Bengal, India. It was established on July 15, 1926, as an Arts College under the University of Calcutta. In 1985, the College got affiliated to Vidyasagar University. The Institution has been re-accredited by the NAAC in 2015. It was Awarded the status of **"College with Potential for Excellence (CPE)"** by UGC in 2016. Presently, more than seven thousand students are studying in UG, PG and B.Ed. The College has established two Research Centres under the aegis of Vidyasagar University with an objective to undertake and promote sound and original research activities in the disciplines of Humanities and Social Sciences and Natural Sciences leading to award of Ph.D. Degree. The prime objective of the College is to ensure academic excellence and shine in research activities. The College is well-equipped with many the modern facilities including a Central Library.



#### **CHIEF PATRON**

*Mr. Soumendu Adhikari* Hon'ble President, Governing Body Prabhat Kumar College, Contai

### CONVENERS

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Registration link: https://forms.gle/3yd3yCDuoZZUi4CQ8 Visit: https://sites.google.com/view/internationalwebinarlecture/home Platform: Google Meet :: Live Streaming : YouTube *For any query* Telegram: https://t.me/joinchat/RHndSR1Qmjo\_qnR8BHufjw Email: webinar@physicsgoutam.in E-certificates will be provided to the Participants who will attend all the Lectures.