



**TWO DAY NATIONAL CONFERENCE ON
“RECENT TRENDS IN PHYSICS AND
MATHEMATICS” TO CELEBRATE 125TH
BIRTH ANNIVERSARY OF PROFESSOR
KULESH CHANDRA KAR**



**Organized by
Calcutta Institute of Theoretical
Physics, Kolkata**

Prof. K C Kar, Founder Director, CITP

**Date: 22nd & 23rd October, 2024
Venue : PC MAHALANABIS AUDITORIUM, PRESIDENCY UNIVERSITY, KOLKATA**

Professor K C Kar was an outstanding theoretical physicist and an eminent and dedicated educationist, who had spent most of his formal working period as a teacher in Presidency College (now known as Presidency University), Kolkata, with some short stints at Scottish Church College, Kolkata and Serampore College and Rajshahi College. This part of his life spanned three decades of twentieth century extending from the early twenties to the mid-fifties. His active life, however, extended well beyond that. He converted his residence at Mohan Bagan Lane, Kolkata to a small working institution which he named “Institute of Theoretical Physics” and initiated the publication of a journal titled “ Indian Journal of Theoretical Physics” in 1953. The Institute that he founded is still functional and is known as “ Calcutta Institute of Theoretical Physics”. Prof. Kar has been an inspiring figure for generations of aspiring physicists and certainly one of that elite group of Bengali scientists who made science in Bengal competitive with the rest of the world at times which can be described as “difficult”.

Kulesh Chandra Kar was very much interested in research and came in contact with Professor C V Raman from whom he received encouragement to carry out research in Indian Musical Instruments in 1922. Next he turned attention towards statistical mechanics and soon mastered over the subject. His researches in theoretical physics covered over a wide spectrum of subjects like Acoustic Physics, Wave statistics, Nuclear and Particle Physics, and Theory of Relativity. During his career he published 123 scientific papers in different journals of national and international repute. He also published five books on some special topics of Physics for advanced learners.

The year 2024 marks 125th Birth Anniversary of Prof. K C Kar. To celebrate this special occasion we have planned to organize 2-days National Conference where distinguished scientists from different research institutes of India will be invited to present some current topics.

DISTINGUISHED RESOURCE PERSONS

- PROF. PARTHASARATHI MITRA, Ex-Professor SINP, Kolkata
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- PROF. SUNANDA BANERJEE, INSA Senior Scientist, IACS, Kolkata
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- PROF. INDRANI BOSE, Ex-Professor, Bose Institute, Kolkata
- PROF. SOUMITRA SENGUPTA, AKRC Chair Professor, IACS, Kolkata
- PROF. ADITI SEN DE, Senior Professor, HRI, Allahabad

TOPICS

- KEYNOTE ADDRESS
- QUANTUM STATISTICS
- HIGH ENERGY PHYSICS
- INTRODUCTION TO DIVERGENCE SERIES AND ITS APPLICATIONS TO PHYSICAL PROBLEMS
- SOLAR MAGNETO-HYDRODYNAMICS
- BIOLOGICAL PHYSICS
- QUANTUM GRAVITY
- QUANTUM COMMUNICATION

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REGISTRATION

Teachers/ Academicians: Rs. 300/-

Research Scholars: Rs. 150/-

UG and PG students : Rs. 50/- (Max Number limited to 50)

Deadline: 15th October, 2024

Bank Details: Bank's Name-SBI, Branch- Shymbazar, A/C No.34344007989, IFSC Code-SBIN0000180

Please send the receipt of payment of Registration fee by Whatsapp No. 8910468934

Contact Persons

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Link for registration (for all the participants):

<https://forms.gle/4AvKshr9qWVqva9h7>