

# Annual Report

and

## Audited Statement of Accounts

2020-21



# Institute of Physics

Bhubaneswar



Faculty members from IoP have received national/international recognition/awards/appointment/research grants. Some of these include: Prof. Sanjib Kumar Agarwalla has received the prestigious **“Swarnajayanti Fellowship 2019-20”** from DST, Govt. of India to unravel the landscape of Beyond the Standard Model (BSM) Physics at Neutrino Experiments, and **“N. S. Satya Murthy Award 2020”** from the Indian Physics Association (IPA) in recognition of his insightful research in neutrino oscillation phenomenology, exploring the measurements of neutrino mixing parameters and searches for possible signatures of physics beyond the Standard Model. Prof. Sanjib Kumar Agarwalla has been nominated by DST, to feature in the Coffee Table Book titled **“50 Scientists under 50”** as a part of the DST Golden Jubilee Celebrations. Prof. Agarwalla also received a research grant of Rs. 80 Lakhs from the Science and Engineering Research Board (SERB) to pursue research in the field of neutrino physics for the next five years. Prof. Aruna K. Nayak has been appointed as the convener (Level-2) under the CMS Trigger Coordination. Prof. Manimala Mitra has received the Indo-French bi-lateral research grant. Prof. Sanjib Kumar Agarwalla has received a **research grant from the SERB-DST**. Prof. D. Chaudhuri has received SERB-MATRICES project grant and is selected as an Associate of ICTS-TIFR, Bangalore. Prof. Kirtiman Ghosh has been elected as Associate of IASc, Bangalore. Prof. Shikha Varma is selected as an Editorial Board Member in Journal of Physics: Condensed Matter, Published by IOP Publishing, UK.

Faculty members from IoP have delivered about 40 invited online talks at various national/international Seminars / Colloquia/Conferences. Some of the faculty members of IOP are also involved in organizing two international conferences in high energy physics. An online conference on **“Emerging Trends in Quantum matters, Statistical and Biological Physics”** was organised at IoP during 23-24 November 2020. A lecture series (webinar) on **“From Tiny Atoms to Solid to Cosmos: The Quantum Aspects”** was organized by the Department of Physics, CET, Bhubaneswar in collaboration with the IOP, Bhubaneswar during 01-05, 2020.

Prof. Ajit M. Srivastava has delivered five popular talks on the universe, elementary particles, and dark energy including a commentary on World Asteroid Day in the English World Service of All India Radio.

The DAE funded Spin Structure Project has been pushed ahead by placing the purchase order of two major equipment costing Rs 6.45 cr, and opening one LC for Rs 2.10 cr. The tendering process for other items costing around Rs 1.20 cr is in progress.

Prof. Arun M. Jayannavar, an eminent scientist of IOP who was an extension for the 2nd term, superannuated on 31/07/2020. The institute is proud of his outstanding scientific contributions in theoretical condensed matter physics.

The term of service of Prof. Ajit M. Srivastava has been extended from 60 to 62 years w.e.f. 01/09/2020 with due approval of the GC.