



2021-22



ANNUAL REPORT & AUDITED STATEMENT OF ACCOUNTS



National Institute of Science Education and Research



ANNUAL REPORT

&

Audited Statement of Accounts

2021 - 2022



National Institute of Science Education
and Research (NISER) Bhubaneswar

Visit us at: www.niser.ac.in

NEW RESEARCH FACILITY/EQUIPMENT ADDED

SCHOOL OF BIOLOGICAL SCIENCE

- ELISA READER
- SYSTRONICS Double Beam UV - VISIBLE Spectrophotometer
- Centrifuge 5424R (Refrigerated)
- FP20 STANDARD Kit pHmeter with LE438 sensor 3
- Motorized Epifluorescence Microscope with Photometric Prime BSI camera.
- Multimode-fluorescence plate reader for fluorescence intensity, polarization, FRET, TR-FL measurements
- BSL2 Animal Cell Culture facility
- Langmuir Blodgett/Brewster Angle Microscopy set up

SCHOOL OF PHYSICAL SCIENCE

- Prof. Bedangadas Mohanty-Centre for Medical and Radiation Physics, it will also conduct the Master's program in Medical and Radiological Physics.
- Dr. Subhankar Bedanta- A home built vector

network analyzer (VNA) based ferromagnetic resonance (FMR) set-up in which we can perform FMR measurements up to 26 GHz.

- Dr. Ritwick Das- Supercontinuum Laser and Optical Spectrum Analyzer
- Dr. Shovon Pal-Femtosecond amplified laser system and high power laser lab
- Dr. Shovon Pal-Ultrafast terahertz spectroscopy
- Dr Satyaprasad P Senanayak Semiconductor Parameter Analysis System
- Dr Satyaprasad P Senanayak High frequency electrical characterization System
- Dr Satyaprasad P Senanayak Low temperature Photo conducting Cryostat based Probe Station
- Dr Satyaprasad P Senanayak Glove box with a Thermal Evaporator System
- Dr Satyaprasad P Senanayak Device Fabrication Lab
- Dr. Pratap K Sahoo- Panchromatic Cathodoluminescence attachment in FESEM
- Dr. Pratap K Sahoo-High temperature reactor for 2D materials growth