

About the University

The Maharaja Sriram Chandra Bhanja Deo University (Erstwhile North Orissa University) was established in the year 1998 to cater the needs of the people of two tribal dominated districts of Northern Odisha namely Mayurbhanj and Keonjhar. The University Grants Commission has approved the University under 2(f) and 12(B) of the University Act. The University has twenty five post-graduate departments.

About the Department

The P. G. Department of Physics, Maharaja Sriram Chandra Bhanja Deo University, established in the year 2004, has been imparting quality teaching and research in emerging fields of Physics through regular M.Sc., M.Phil., and Ph.D. programmes. The syllabus of different courses has been made up-to-date incorporating subjects ascertained by the UGC. Presently, one professor, three Associate Professors, one Assistant Professor, and one laboratory assistant are working in the Department. The thrust area of research in the Department are high energy physics, condensed matter physics, and nanoscience, etc.

CHIEF PATRON

Prof. S. K. Tripathy
Hon'ble Vice-Chancellor

PATRON

Prof. P. K. Satapathy
Chairman, P.G. Council

Prof. H. N. Thatoi
Co-ordinator, IDP

Co-ordinator

Dr. P. S. Sahoo
Dept. of Physics, MSCBU
Mob. No.: 7008821774
8895070947

Co-Coordinator

Dr. J. R. Sahu
Dept. of Physics, MSCBU
Mob. No: 8637217781

ORGANISING COMMITTEE

Prof. S. Kar, Physics
Prof. M. Himabindu, CA
Prof. H.K. Sahoo, Zoology
Dr. J.K. Mantri, HOD, CA
Dr. P. Parida, HOD, Zoology
Dr. B.K. Mohanta, HOD, ATS
Dr. K.L. Barik, HOD, Botany
Dr. M. Mallick, HOD, Economics
Dr. L. Behera, HOD, Chemistry
Dr. I. Naik, HOD, Physics
Dr. P. Mallick, Asso. Prof. of Physics



IDP- OHEPEE Sponsored

One Week

Faculty Development Programme

on

“Phenomena in physics:

How things work!”

May 24-28, 2023

Organized by

**Department of Physics
MSCB UNIVERSITY**

(NAAC ‘A’)

Baripada-757003

About the FDP

We are happy to announce that A Faculty Development Programme on “**How things work: Phenomena in physics**” will be held on the Department of Physics, Maharaja Sriram Chandra Bhanja Deo University, Baripada during May 24 – 28, 2023. The FDP presentations on several topics will be delivered by eminent physicists from within and outside the state of Odisha.

Topics to be Covered

- Nuclear and particle physics
- Elements of modern physics
- Mathematical physics
- Electronics
- Atomic & molecular spectra
- Superconductivity and dielectric properties of materials
- Quantum mechanics
- Introduction to nano science
- Elements of lattice dynamics
- Classical statistics
- Scilab and C++

Objective

The FDP is organized to realize the following objectives:

- To study and understand some basic physics to enable the faculties about the modern methods of teaching physics.
- To update and refine the knowledge on various areas in physics
- To study the basic programming language C and C++ which find very much useful in laboratory work out.
- To study Scilab and its applications in solving various problems and writing program in physics.
- To understand how computation is helpful in understanding physics and to correlate the experimental values with the theoretical values in physics.
- To understand and fit different data in physics

Contact Details

Dr. P. S. Sahoo, Coordinator

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Dr. J. R. Sahu, Co-coordinator

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About Registration

- No Registration fee
- Free accommodation will be provided for outside participants
- No TA/DA will be paid
- Online Registration to be done on or before 15/05/2023
- Confirmation letter will be sent by FDP Co-ordinator (Dr. P.S. Sahoo)
- **Registration Link**

https://docs.google.com/forms/d/e/1FAIpQLSd5JLvOZj5H8U4BaP6Z7wOFZg5p1U6DXWICFFhOoM02G05ZcQ/viewform?usp=p_p_url

Certification

- For getting certificate, attendance of the participant should be above 90 % for the course and marks obtained in the assessment should be at least 50 %.