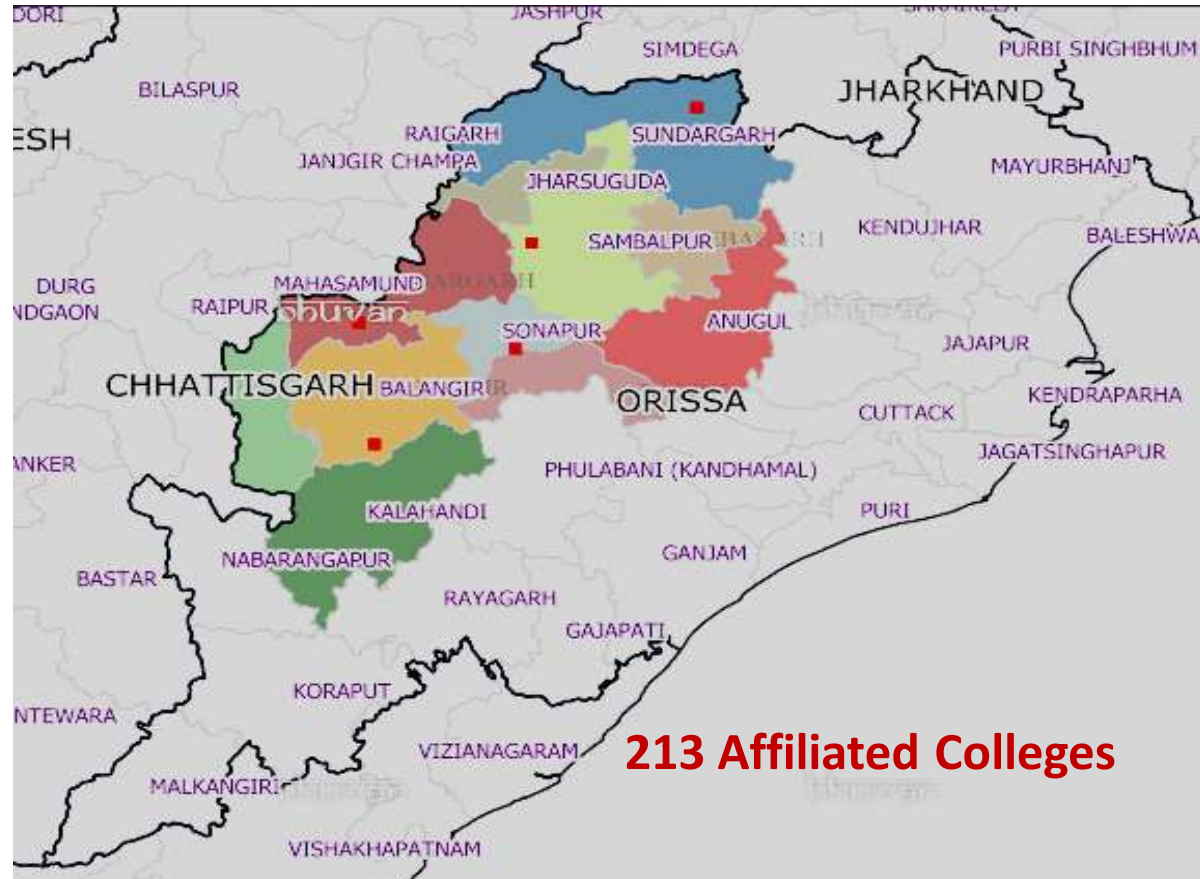




School of Physics

Sambalpur University, Odisha, India



Hearty Welcome to the Visiting Japanese Scientists

Dr S.N. Nayak



SCHOOL OF PHYSICS

1. Establishment: 1969

2. Name of Programmes Offered:

P.G.: M.Sc. & M.Phil.

Others: Ph.D.

3. Intake: M.Sc.: 32 & M.Phil.: 10

Ph.D.: Depends upon the Existing Vacancy

Specializations: A. Nuclear Physics

B. High Energy Physics

C. Electronics

D. Condense Matter Physics



DEPARTMENTAL HAS BEEN RECOGNIZED UNDER VARIOUS GOVT. OF INDIA SCHEMES

1. DST-FIST (Level-1): Rs. 1,85,00,000/-

2. UGC-SAP (Phase-1): Rs. 53,00,000/-

3. UGC-BSR: Rs. 20,00,000/-

TOTAL GRANT RECEIVED: Rs. 2,58,00,000/-
(Last Five Years)



RESEARCH Activity: Last 5 YEARS

PUBLICATIONS: International: Nos. 120

National: Nos. 09

with Average Impact Factor: 3.5

Ph.D. /D.Sc. AWARDEES : Nos. 18

SEMINAR/CONFERENCES ORGANIZED: Nos. 06

REFRESHER COURSE IN PHYSICS ORGANIZED: 04

Major Research Equipment:

X-Ray Diffractometer (Rigaku ULTIMA IV, Japan): Rs. 49,75,811.00



High Energy Physics Activity

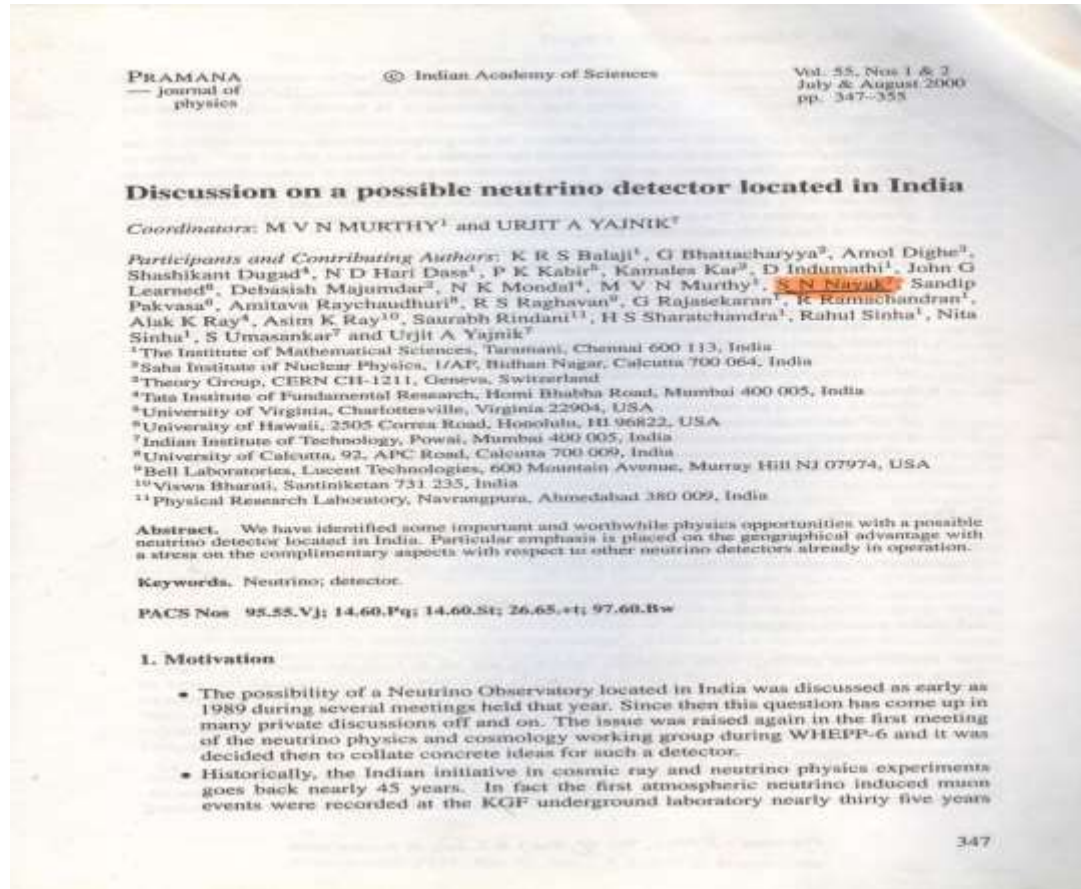
Faculty: Prof. S.N. Nayak

Research Interest: Astro-particle Physics, Dark Matter,
Cosmological Constant and Compact Stars
Neutrino Physics etc.

Some experimental works in LHC were carried out in collaboration with TIFR and presently it is being pursued with IOPB.



Interests in Neutrino Physics



Presently I am looking into Neutrino Oscillation with deformed Heisenberg Algebra and effect of disentanglement on coherent neutrino oscillations



Thanks to All

Specially

to the Japanese Team for their kind visit