

## MEMORIAL LECTURERS

PROF. BIBHUTI BHUSANA DEO MEMORIAL LECTURE  
PROF. K. N. PATHAK  
PROF. SURYA NARAYAN BEHERA MEMORIAL LECTURE  
Sponsored by NIST, Berhampur  
PROF. RAJARAM NITYANANDA

1. Research / Review articles in Physics for publication in the proceedings of the seminar (Maximum 4 typed pages in A4 size paper. Times New Roman, 12 font, line spacing 1.5) may be sent in MS word to the email id : nsrpta2020@gmail.com
2. Abstract of original papers not more than 300 words for (Oral and Poster) should be submitted online to the above email id.

### LIST OF INVITED SPEAKERS

Prof. Biju Raja Sekhar, IOP, Bhubaneswar  
Dr. Shobhna Choudhary, CSIR, NISCARE, New Delhi  
Prof. Ashok Kumar, NPL, New Delhi  
Dr. T.Gandhi, IIT, Delhi  
Dr. D.K.Pradhan, NIT, Rourkela  
Dr. Jajati Keshari Nayak, VECC, Kolkata

### IMPORTANT DATES

Deadline for submission of Papers / Articles for  
'Digbalaya' / Souvenir: 15 / 01 / 2020



## Registration Form NSRPTA - 2020

8<sup>th</sup>-9<sup>th</sup> February 2020  
Application form for Participation in  
**National Seminar on  
Role of Physics in  
Technological Advances  
&  
37<sup>th</sup> Convention of  
Orissa Physical Society**

(Please use capital letters to fill the form)

1.Name:

2.Address:

E-mail:

Mob:

3. OPS Membership Information:

(Please tick which is applicable)

Pattern member/Lifemember/Others

4. Nature of Participation: (Please Tick)

(i) Attend the Seminar and Convention

(ii) And Present Paper

(Please mention title below)

5. Accommodation needed: Yes  / No

6. Food preference: Veg.  Non Veg.

Date:

Signature

Please send this form duly filled in to the following

E-mail Id : nsrpta2020@gmail.com

before 20/01/2020

Contact details : Prof. P. R. Das - 9438047597

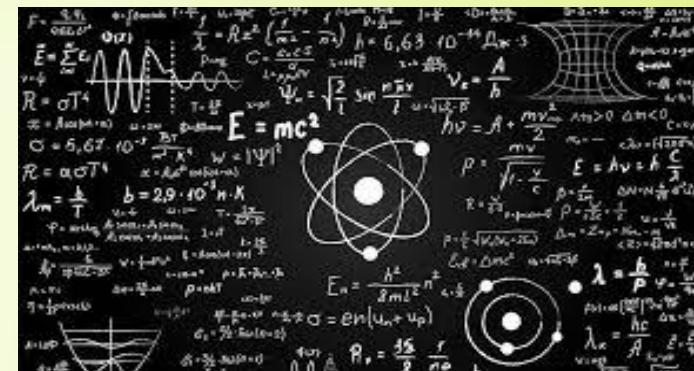
: Dr. G. Nath - 7008913603



National Seminar  
on



**Role of Physics in  
Technological Advances  
&  
37<sup>th</sup> Convention of  
Orissa Physical Society**



8<sup>th</sup>-9<sup>th</sup> February 2020

Organised by

Department of Physics

Veer Surendra Sai University of Technology  
Burla, Sambalpur, Odisha - 768018

E-mail: nsrpta2020@gmail.com

Website: www.vssut.ac.in





### About OPS:

The Orissa Physical Society (OPS) was formed in the year 1971. It is an association of Physics teachers and researchers of Odisha. It has been actively promoting Physics Education & Research in various ways; by organizing its Annual convention & felicitating Physics teachers with lifelong contributions in the field of Physics. It also encourages young researchers below the age of 35 by honouring them with “Young Scientist Awards”. The society publishes research and review articles in the field of Physics in the journal “Orissa Journal of Physics (OJP)” and popularizes Physics through articles published in Odia magazine “Digbalaya”. It also takes up steps to improve UG and PG syllabus in Physics taking UGC recommendation into consideration. Under its outreach programmes, the society conducts seminars and workshops in Physics at different schools and colleges in Odisha.

**Application for Young Scientist Award:** The application format, eligibility criteria and other details can be obtained from the OPS website [www.orissaphysicalsociety.org](http://www.orissaphysicalsociety.org)

### Call for Papers: OJP (Orissa Journal of Physics)

Research/Review articles in any field of Physics for possible publication in OJP may be submitted at any time of the year. The article should be in the format of PRAMANA Journal of Physics. A soft copy of the article should be sent through e-mail to

The Editor in Chief: Prof. L. P. Singh

E-mail: [lambodar\\_uu@yahoo.co.in](mailto:lambodar_uu@yahoo.co.in)

Or

Publisher E-mail: [babitapani@gmail.com](mailto:babitapani@gmail.com)

### DIGBALAYA

Articles in Odia for the journal DIGBALAYA should be sent to any one of the following:

**Editor in Chief:** Prof. K. Patnaik

Department of Physics, Utkal University,  
Bhubaneswar-751004

Mob. : 9437919203

Dr. Shree Mishra

A/412, Sahid Nagar, Bhubaneswar-751007

Email: [shreemishra55808@gmail.com](mailto:shreemishra55808@gmail.com)

Mob.: 9861055808

### OPS LIFE MEMBER/PATRON MEMBER

Application form and mode of the payment of fees for enrolment as Life Member or Patron Member can be downloaded from the OPS website [www.orissaphysicalsociety.org](http://www.orissaphysicalsociety.org).

For details please contact.

Prof. Naresh Chandra Mishra

President, Orissa Physical Society

Mob: 09437889778 E-mail: [nareshcmishra@gmail.com](mailto:nareshcmishra@gmail.com)

Dr. Benudhar Nayak, Secretary,

Orissa Physical Society

Mob: 09437353658

E-mail: [bnayak@gmail.com](mailto:bnayak@gmail.com)

A national Seminar on Role of Physics in Technological Application (NSRPTA – 2020) and 37<sup>th</sup> Annual Convention of Orissa Physical Society will be organised in the Department of Physics, Veer Surendra Sai University of Technology (VSSUT), Burla, Sambalpur, Odisha during 8<sup>th</sup> – 9<sup>th</sup> February 2020.

### Registration Fee

OPS Convention and National Seminar	: ₹ 800
OPS Annual Membership	: ₹ 200
OPS Life Membership	: ₹ 1000
OPS Patron Membership	: ₹ 3000
Fee for up gradation from Life member to patron	: ₹ 2000

The registration fee should be drawn by demand draft in favor of **ORGANIZING SECRETARY NSRPTA2020** (A/c. No. 80622250007076, IFSCSYNB0008062) payable at Syndicate Bank, VSSUT Branch, Burla. Or can be paid by cash at the seminar.

### About the Host University and Department of Physics

The Veer Surendra Sai University of Technology (VSSUT) was formed by Odisha act 9 of 2009 by converting university College of Engineering (UCE) to a non-affiliating Unitary University and came in to force by issue of notification by the industries department, Govt. of Odisha from 1<sup>st</sup> day of July 2009. This state Govt. University is also recognised by UGC, New Delhi. The University is empowered to award degrees as specified by the UGC and has been declared eligible to receive central assistance under section 12B of UGC.

The Department of Physics started in 1956 from the inception of the university. The Department is contributing sincerely and profoundly to the academic and administrative development of the university since its inception. The programmes currently offered by the Department are five years Int. M. Sc., M. Sc. In Applied Physics, M. Phil and Ph. D. The Department is actively engaged in frontier areas of research. The syllabus of the postgraduate course includes emerging areas of Physical Science such as Nanomaterials, Laser Physics, Crystallography, Advanced Quantum Mechanics, Non Linear Dynamics etc., which are designed to cater the Industry and Academic requirements. At present there are thirteen regular faculty members having expertise in various research fields, like- Experimental and Computational Physics, Ultrasonics, Acoustic, Condensed Matter Physics, Nuclear Physics, Plasma Physics, Non linear dynamic etc.

### Objective of the Seminar

NSRPTA-2020 is aiming to promote, facilitate and encourage scientific collaboration and learning. The seminar would cover most of the significant domains of Physics. Interdisciplinary nature of the programme would provide a platform for the researchers to present and discuss their problems relating a broad range of fields and their technological applications. This seminar would provide an exposure to the participants in the frontier areas of recent developments in Physics and its Technological aspects through invited lectures by eminent experts.

### Organizing Committee

Chief Patron	: Prof. Atal Chaudhuri (Vice Chancellor, VSSUT)
Patrons	: Prof. U. R. Jena (Dean, CDCE) Prof. A. N. Nayak, (Coordinator, TEQIP-III)
Chairman	: Prof. U. R. Jena, HOD, Physics
Convener	: Prof. P. R. Das
Co Convener	: Dr. A. K. Pattanaik
Organizing Secretary	: Dr. G. Nath
Joint Secretary	: Dr. S. K. Patri : Dr. S. S. Sarangi
Treasurer	: Dr. M. P. K. Sahoo

### Local Advisory Committee :

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Prof. S. S. Das, Dean, Students' Welfare  
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Dr. J. Bhoi, Department of Physics  
Ms. P. Naik, Department of Physics

### National Advisory Committee

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