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S Mamatha, Secretary College Council, The National PU Collge
Abhiram J, Secretary NSSP 2022 - Mob: 98446 54414

Important Dates

Symposium Date: December 21–23, 2022 (Wednesday to Friday)

Last Date for Submission of Abstracts: Nov. 25, 2022

Notification of acceptance of Abstracts: **Dec. 05, 2022**

Last Date for Submission of full Length paper / Registration: **Dec. 10, 2021**

Guidelines for Submission

The soft copy of the paper in **MS-Word** should be sent to the
Email- nssp2022.karnataka@gmail.com

Paper Specification:

Max. Length: Extended Abstract about 2 pages

Margin: 1" on all sides,

Font size & Line spacing: Times New Roman-12, Justified & 1.5

Title Page Title, Author, Affiliation, Contact Details, email, Phone number

Full length of the Paper About 6 pages including diagrams, tables, conclusion and references.

If paper is accepted, the paper will be published in student journal of Physics - International Edition, **ISSN 2319-3166**.

The format of the symposium consists of invited talks by experts, oral & poster presentations by the students and visit to Research Laboratories. The UG & PG students with Physics background can apply for the Symposium latest by **November 25, 2022**.

Registration fee

Outstation students: Rs. 850/- (includes hospitality & accommodation).

Local students: Rs. 500/- (excludes accommodation).

The selected papers will be communicated by
December 05, 2022 through our website.

Travel support (Bus / Sleeper class by train)
will be provided to the selected papers (one person only).


Application Form & other details are available at the following websites:

www.iaptnssp.in

www.bvjsci.org

www.ncjayanagar.com

Payment Mode: Registration through online
Account Holder: **IAPT RC 12A** | Account Number: **04752010003124**
Bank: **CANARA BANK** Branch: **Malleswaram, Bangalore**
IFS Code CNRB0010424 | MICR Code 560015232

Click / Scan this QR Code 
for Registration



9th IAPT National Student Symposium on Physics (NSSP-2022)

Organized by
Indian Association of Physics Teachers
Regional Councils RC 12 & 12 A
and
**Department of Post Graduate Studies
& Research in Physics**
The National College (Autonomous)
Jayanagar, Bangalore - 560 070
in association with
B V Jagadeesh Science Centre
Jayanagar, Bangalore

December 21 – 23, 2022

Venue:
B V Jagadeesh Science Centre
The National College (Autonomous) Campus,
Jayanagar, Bangalore - 560 070, Karnataka

ABOUT NSSP

In recent years, our country has taken a series of measures to induce the spirit of innovation and creativity into our Education system. Projects and Dissertations have become an integral part of UG and PG curricula as per the new National Education Policy. To foster a culture of innovation and creativity among the young students, IAPT has instituted the annual National Student Symposium on Physics (NSSP) exclusively for the UG and PG students. The Symposium provides a National forum to young students to present their new ideas and innovative work at an early stage of academic career. The yearly series started in 2013 in collaboration with the Department of Physics, Panjab University, Chandigarh. Eighth in the series was held at Indian Academy Degree College (Autonomous), Bangalore and NSSP – 2022 will be held during December 21-23, 2022.

ABOUT IAPT

A voluntary organization of Physics Teachers, Scientists, Professionals and other interested in physics (science) education in the country. Indian Association of Physics Teachers (IAPT) was established in 1984 by dedicated physics teachers and visionary (Late) Dr. D.P. Khandelwal with active support from like minded members with the aim of upgrading quality of physics teaching - learning at all level in the country. The Association operates through its 22 Regional Councils (RCs) grouped into 5 zones. There is a central Executive Council (EC) which coordinates all its activities.

Activities of IAPT:

Publications

Bulletin of IAPT – A monthly journal (40 pages) with the record of uninterrupted publication since 1984.

Journal of Physics Education – The IAPT has taken over the publication of this quarterly (previously published by UGC) publication since April 2001.

Student Journal of Physics – An International Edition (Earlier name-Prayas) – A quarterly journal carries out articles and research reports by UG/PG students.

Pragami Tarang and Horizons of Physics – Is a book series brought out for physics teachers and students.

Examinations for students

National Standard Examinations: NSE (NSEP, NSEC, NSEB, NSEJS, NSEA) – These examinations are conducted for +2 level students / higher secondary students every year since 1987. National Standard Examinations are held at 3 levels. These examinations constitute the first step towards participation in International Olympiads in respective subjects.

NGPE (National Graduate Physics Examination): This is conducted for Undergraduate level students every year. Gold medalists of NGPE, may join DAE directly through interview without appearing in the entrance test. S N Bose National Centre for Basic Sciences, Kolkata allows direct admission to toppers in NGPE after an interview for integrated Ph.D., programme. Five Scholarships have been instituted to encourage students to take up Physics as a career.

Extra Low - Cost Book (ELCB) programme - The aim is to help teachers build up their personal libraries.

For Teachers

NCIEP (National Competition for Innovative Experiments in Physics), NCICP (National Competition in Computational Physics) and Orientation Programmes / Seminars / Workshops / IAPT Dinabandhu Sahu Memorial Award: Awarded to Undergraduate Physics Teaching full time teacher as per UGC guidelines.

NCEWP (National Competition for Essay Writing in Physics) for both Teachers and Students.

NANI (National Anveshika Network of India): This provides a base for generating interest in Experimental Physics in students. There are about 22 centers and some more are in the offing.

CSC (Centre for Scientific Culture): The Centre established at Midnapore, WB, provides a year round exclusive facility of working experiments in Physics.

Conventions: A 3-day National Convention is organized every year, since 1984 on some specific theme. Papers are presented by members and lectures are delivered by experts in the field.

ABOUT NATIONAL COLLEGE

The National College, Jayanagar, Bangalore, is one of the Seventeen institutions being managed by the National Educational Society of Karnataka (NES), which was established in 1917 by Dr. Annie Besant with nationalistic ideas as the driving force. NES believes in empowering Rural Education and therefore a number of High Schools are being run in Rural areas, thus it is serving diverse educational needs of the society. The college established in 1965 has evolved with well-equipped Laboratories and Digital Library speak volumes about the academic ambience of the College. The learners will surely be able to find themselves growing into better individuals than what they are when they enter the portals of the Institution. The institution also aims in inculcating values of life and discipline among students. The National College became Autonomous in the

year 2006 – 2007. The College is recredited by NAAC with A grade in the year 2017. The special feature of this institution is B.V. Jagadeesh Science Centre which incorporates a well equipped museum and spacious lecture hall. Dr. H.N. Kalakshetra is an added attraction for cultural programme. Multi-Gym and the sprawling Playground provide the necessary infrastructure and space for all Co-curricular activities.

The College offers UG courses in Science, Commerce and Arts (B.A, B.Sc, B.Com, B.C.A, New Tech – Based UG Courses). The College also offers M.Sc, in Physics and Mathematics and M.Com. The research facilities and the dedicated faculty available in the PG Departments are attracting other College students also to carry out their projects.

ABOUT BVJ SCIENCE CENTRE

Built by the NES of Karnataka as part of the College campus, B.V. Jagadeesh Science Centre is meant to promote popular science. The main motive is to popularise science and draw the young generation towards basic science in these days of frenzy about Information Technology and Bio-technology. The Centre has a library of non-technical Science books and popular science journals. The Seminar hall with all modern equipment, facilitates lecture programmes which are arranged on every 2nd and 4th Saturday of every month. The centre also has two museum halls which house various exhibits pertaining to different branches of science. Every Saturday, students from high schools can visit the Science Centre, have a close look at the exhibits and also get to know first hand the mechanism of the apparatus. The Centre has been made possible by the initial donation by Mr. B.V. Jagadeesh an alumnus of the The National College, Jayanagar and the National College, Basavanagudi who is now an entrepreneur in the United States. His contribution also forms the highest amount donated by any individual to the NES of Karnataka. As a token of gratitude the centre has been named after him. The rest of the total expenditure has been collected from the public and the Government. It is a public institution open to any one interested in Science-education, established with the hope that the younger generation will make the best use of it.