

VIJAYANAGARA SRI KRISHNADEVARAYA UNIVERSITY

BALLARI, KARNATAKA, INDIA

ORGANIZES

XXVIII INTERNATIONAL CONFERENCE OF INTERNATIONAL ACADEMY OF PHYSICAL SCIENCES (CONIAPS XXVIII)

on

INNOVATIONS IN COMPUTATIONAL & PHYSICAL SCIENCES FOR SUSTAINABLE DEVELOPMENT (ICPSSD-2022)

(December 21-23, 2022)



Aims & Objectives: The 28th International Conference of the International Academy of Physical Sciences (IAPS) provides an opportunity to the researchers and professionals from industry and academics across the world to share their recent research findings and views in various fields of Computational Physical Sciences and their allied branches for the ultimate benefit of the society. The conference comprises of Keynote Address from Eminent Scientists, Fellowship Award Lectures, Swami Bhajanand Sarawathi Vedic Lecture, Plenary Lectures, Invited Lectures, Young Scientists Award (YSA) presentations and paper presentations. CONIAPS XXVIII includes broad set of research areas related to Physics, Chemistry, Material Science, Pure & Applied Mathematics, - Computer Sciences and Informatics.

About IAPS: International Academy of Physical Sciences (IAPS) established on December 4 1994 with its head quarter at Allahabad is conceived as a scientific body incorporating the various branches of physical sciences such as Physics, Chemistry, Mathematics, Material Science, Computer Science and Informatics. The IAPS is a scientific organisation of recent origin. It has made its scientific remark by involving itself through Membership, Fellowship, and scientific activities. IAPS has been instrumental in the expansion of scientific knowledge by providing a platform for young and senior scientists in India and abroad to share their research findings. Till date, IAPS had organised 27 International Conferences and several symposia on inter/multidisciplinary themes in collaboration with reputed institutions/universities in India and abroad.

Founder General Secretary of IAPS: Late Prof. P. N. Pandey: The name of late Prof. P. N. Pandey is synonym for International Academy of Physical Sciences. He had been founder General Secretary of the Academy and breathed for taking it to great heights since its inception on Dec 4,1994. He always thought for the betterment of the academy in physical as well as on trans mode. If it is said that the Academy was always in his breaths then there will be on hyperbole. IAPS family can't imagine the existence of the academy without his presence but everybody is obligate with the decision of almighty who has snatched him from us for his journey to the other world.

The members of IAPS family and the organising committee of the CONIAPS-XXVIII wish to dedicate the present conference as a tribute to Prof. P. N. Pandey who has left this world for his heavenly abode on September 16, 2022.

Theme of the Conference:

Physics	Chemistry	Mathematics	Computer Science
 Material Science Luminescence/ Fluorescence Computational physics Radiation Physics Electronics 	 Heterocyclic and Medicinal Chemistry Nano- Composites and Polymers Renewable Energy and Green Chemistry Co-ordination and Organometallic Chemistry. 	 Computational Fluid Mechanics Graph theory, Differential Geometry Algebra Modelling & Simulation Industrial Mathematics Applications of Wavelets Mathematical Biology Operations Research Analysis 	 Data Science, Artificial Intelligence, Machine Learning, Image Processing, Data Analytics, Data & Network Security Cyber and Information Security Block Chain Internet of Things

ABOUT VSK University, Ballari: Vijayanagara Sri Krishnadevaraya University (VSKU), Ballari is a State University established by the Government of Karnataka in 2010 under the Karnataka State Universities Act 2000. Currently, the university caters to the needs of the Higher Education pupils of Ballari, Vijayanagara and Koppal districts covering around 52000 UG and 5000 PG students. Over 130 colleges are affiliated to the university. VSKU has four post graduate campuses. The main campus named Jnana Sagara, is located at Ballari, whereas other three are located at Nandihalli, Koppal, and Yalaburga. VSKU offers 28 P.G. and Ph.D. programmes under 06 faculties. VSKU ranks first in Karnataka State Universities Rating Framework (KSURF) among the young universities of Karnataka. The main objectives of the VSKU are - (i) to impart higher education of global standards and therefore, all the programs and courseware are designed to meet international standards, (ii) to work for the advancement of science and technology, (iii) to preserve and modernize the indigenous technologies of the country, (iv) to promote the research activities in science & technology and (v) to identify and facilitate the technology transfer.

About the city of Ballari: Ballari is a beautiful and historical city of Karnataka, which can provide a pleasant experience for all travel enthusiasts. It is undoubtedly the most amazing city for all the historians, art-lovers and travellers. It offers a wide range of things to make the visitors feel close to the past. The city tells the tales of many famous battles and dynasties. It is a silent witness of the rise and fall of many empires. The city is situated in the eastern part of Karnataka, the city is bounded by Koppal, Raichur and Chitradurga districts. This historic place stands amidst the level, wide plain of black cotton soil. This rapidly growing industrial town is known for its magnificent granite rocks, hills and is surrounded by Kumbara Gudda and Ballari Gudda, the two big rocky granite hills. These two Guddas (meaning hills) are the city's most prominent features.

Hampi is one of the finest historical sites of the ancient age in the world. It was the initial capital city of the famous historical Vijayanagara Empire located on the bank of the Tungabhadra river about 11 km. away from Hospet city or 55 km. from Ballari. Hampi covers an area of 25 sq. km. It is bounded by mountains (Anjaneya, Malyavanta and Matanga Hills) by the three sides, and the Tungabhadra river borders the other one. The traditional culture of Hampi will inspire our minds to be witnesses of this culture and architecture. In addition, Hampi served as the capital city of the Vijayanagara Empire for more than 200 years (around 1336 AD to 1565 AD). Vijayanagara rulers decorated and designed this city with lots of lovely temples, palaces, market streets and monuments, making this location as one of the famous ancient metropolises in India. This super ancient landscape has been selected as a World Heritage site by UNESCO. The prominent places to visit in Hampi are Vittala Temple, Virupaksha Temple, Royal Enclosure, Riverside trek Path, Hemakuta, Kadalekalu Ganesha, Lakshmi Narasimha, Queen's bath, Lotus Mahal, Hazara Rama Temple and other lovely places.

How to Reach Ballari: By Air - Kempegowda International Airport Bangalore is 306 km. away from VSKU, Ballari. By Rail - Ballari railway station (Station Code: BAY) is 3 km. away and Guntakal railway station (Station Code: GTL) is 50 km. away from Ballari. By Road – Ballari is 310 km. away from Bangalore and 360 km. away from Hyderabad.

Hospitality: Invited speakers registered on or before November 30, 2022, will be provided accommodation (on a shared basis), conference material, breakfast, lunch and dinner. Invited speakers registered after November 30, 2022, will have to make their own arrangements for accommodation.

Hotels: Delegates can make their own arrangements for accommodation in the following hotels of Ballari: Vaishali, Bala Regency, Royal Fort, Pola Paradise, Hoysala, Mayura, Marchad Residency, Nakshatra-LR, etc.

Conference Coordination Committee

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North-East: Dr. Yumnam Rohen, Manipur.

Submission of Research Papers:

Abstract of the research papers intended for presentation should be submitted to the conference E-mail: xxviiiconiaps@vskub.ac.in as the MS Word file by November 12, 2022. The template for abstract compilation is available on the university web link www.vskub.ac.in. The abstract is restricted to a maximum of 300 words and shall contain the title of the paper, the name of each author with affiliation and E-mail address. The name of the presenting author must be underlined. One paper/abstract shall be submitted against one registration. Papers presented in the conference will be published in the journal of IAPS after review.

Young Scientist Award (YSA):

Contributor with age below 35 years as on **November 12, 2022,** may submit their single-authored (may be with the supervisor) full-length original research paper (unpublished work) latest by **November 12, 2022,** for participation under YSA category presentation. Only one paper can be submitted against one registration. Participants under this clause must produce their age certificate at the presentation time. The age certificate may also be sent along with the full research paper through conference e-mail.

Registration Fees:

Deadline for the Registration	Participants from	General	Non- Stipendiary Students	Post Graduate Students
November 12,	SAARC Countries	INR. 3000	INR. 2500	INR. 1000
2022	other Countries	USD. 200	USD. 200	USD. 100

- For each accompanying person, additional of Rs.2000 for SAARC countries.
- A rebate of 10% in Registration fee for life members of IAPS.
- Registration form and payment gateway will be available in VSKUB website/IAPS website from 1st October 2022.

Account details for the submission of Registration fees are as follows:

Account Name: The Convener, VSKU, Ballari

Account Number: 110071287927

Name of the Bank: Canara Bank

IFSC code: CNRB0003866

MICR code:583015104

Swift Code: CNRBINBBBFD

Correspondence:

Name: Dr. K V Prasad

The Convener, CONIAPS XXVIII-(ICPSSD-2022)

Affiliation: VSK University, Ballari

E-mail: xxviiiconiaps@vskub.ac.in

Phone Number: 9448687862

Web link: www.vskub.ac.in/CONIAPS

CONIAPS XXVIII Important dates:

Full Text paper uploading for YSA:	12-11-2022		
Abstract/paper uploading for presenters:	12-11-2022		
Notification of acceptance:	30-11-2022		
Conference dates:	21st - 23rd December 2022		

