Registration Fee (In INR)							
Dead line for	Early	Participants from	General	Non	stipendiary	Late / Spot Registration (All Categories	
Registration				students		including Accompanying Person)	
		SAARC Countries/INDIA	Rs. 3000	Rs. 2000		Rs. 3500	
5 th November 2024		Other Countries	\$ 100	\$75		\$150	

• For each accompanying person extra Rs. 2000 (SAARC countries) / \$100 (other Countries)

For M.Sc. Students Registration Fees is Rs. 500/-only. (Only Participation)

A rebate of 10% in registration fee for Life members of IAPS.

• Registration fee can be paid online.

Account Details for Registration Fee submission are as follows:

Account Name: Organizing Secretary CONIAPS 2024, Account Number: 4322935958-5

Bank: STATE BANK OF INDIA

Ravishankar Shukla University Branch, IFSC Code: SBIN0003739, MICR Code: 49200210

 Free Accomodation (Hostel), Conference Kit will be provided to all delegates who will register before 5th November, 2024

Correspondence: Organizing Secretary (CONIAPS XXXI)

Nottingham Trent University, Nottingham, United States

Last date for Abstract Submission 31th October 2024

Last date for Full-length paper Submission for YSA 15th November 2024.

Acceptance of Abstract 5 th November 2024

Last date for Registration 5th November 2024

Conference Dates 20-21 December 202

Prof. Kamlesh S hrivas, Email-coniaps2024@gmail.com Dr. M anmohan Lal Satnami (SoS in Chemistry) Dr. Y.K. Mahipal (SoS in Physics & Astrophysics)

CONIAPS XXXI Invited Speakers

CONIAPS XXXI Invited Speakers	
International Speaker	National Speaker
Physics	
Prof. Ravindra Pandey, Michigan Tech University, Michigan,	Prof. K.V. R. Murthy, M.S. University, Badodara
USA	Prof. Giri Babu, CSIR-IICT Hyderabad
Prof. B. V. R. Chowdari, NTU, Singapore	Dr. Dipanker Banerjee, ARIES, Nainital
Dr. R. P Rao, Speciality Phosphors, USA	Prof. B. N. Jagtap, IIT, Mumbai
Prof. K. V. R. Chary, Rowen University, USA	Prof. Manoj Mahapatra, BARC
Prof. Hari Upadhyaya, London South Bank University, UK	Dr. B.S. Panigrahi, IGCAR, Kalpakkam
	Prof. S.J. Dhoble, RTM University, Nagpur
	Prof. S.A. Hashmi, University of Delhi, New Delhi
	Prof. Shivkumar Vidhyanathan, IIT Hyderabad
	Prof. C. Shivakumara, IISc, Bangalore
	Dr. O. P. Thakur, SSPL DRDO, New Delhi
	Prof. Ranveer Kumar, Dr. H. S. Gour University,
	Sagar, MP
	Prof. D. Harnath, NIT Warangal
	Prof. Manoranjan Kar, IIT Patana
	Prof. Devraj Singh, Purvanchal University Jaunpur
	Prof. Sudhir Nema, Indian Plasma Research Institute,
	Hydrabad
	Prof. G.V.V. Sharma, IIT, Hyderabad
	Prof. Neelam Sinha, IIIT, Bangalore
	Dr. G. R. Sinha, IIIT, Bangalore
	Prof. K. K. Biswas, IIT Delhi
Ch and done	Prof. A.G. Ramkrishana, IISc, Bangalore
Chemistry	D CATH CIT II II II II
Prof. David G. Churchil, Korea Advanced Institute of	Prof. Nitin Chhattopadhya, Jadavpur University
Science and Technology (KAIST).	Prof. T. S. Pal, IIT Kharagpur
	Prof. Anjali Pal, IIT Kharagpur
	Dr. Sankar Gopal Agarwal, NPL. New Delhi
	Dr. Kishore Kumar Krishnani, Ranchi
	Dr. S.S. Bisht (Scientist E), Forest Research Institute,
	Dehradun
	Dr. Bishwarup Chakraborty, IIT Delhi
	Dr. Prabhat K. Singh, BARC, Mumbai
	Prof. Goutam Patra, Guru Ghasidas University, Bilaspu
Mathematics	
Prof. Dr. Mikhail Sheremet, Tamsk State University, Russia	Prof. D. R. Sahu, BHU
Prof. Girijesh PrasadProfessor of Intelligent Systems Ulster	Prof. Q. H. Ansari, AMU
University (UU), United Kingdom.	Prof. Kalyan Chakraborty, Kerla school of Mathematics
	Prof. S. Ponnusamy, IIT Madras
	Prof. R. P. Pant, Kumaun University, Nainital
	Prof. H.K. Pathak, Former Professor, Pt. R. S. U. Raipur
Computer Science and IT	
Dr. Sajal K. Das, Dept. of Computer Science, Missouri	Dr. Sanjay Dhurandhar, Professor, Dept. of IT,
University of Science & Tech, USA.	NSUT, New Delhi
Dr. Pramod K. Pandey, Professor, University of California,	Dr. Rakesh Ramteke School of Computer Sciences,
USA	KBC North Maharashtra University, Jalgaon,
Dr. Anurag Mairal, Professor, School of Medicine, Stanford	Maharashtra.
University, California, USA	Dr. S K Udgata Professor, SCIS, University of
Dr. Dinesh Sharma, Professor, University of Maryland, USA	Hyderabad, Hyderabad
Dr. Ashish Rastogi, Professor, University of Technology	Dr. O. P. Vyas, Professor, IIIT Allahabad
and Applied Sciences, Mauscat, Oman	Dr. O. 1. Vydo, 110105501, III Ananavad
Dr. Muralindran Mariappan Faculty of Engineering,	
University Malaysia Sabah, Malaysia.	
Dr. Pramod Gaur, Department of computer science,	

Registration Form

International Conference of International Academy of Physical Sciences (CONIAPS XXXI)

0n

Emerging Trends in Physical Sciences

Name
Designation
Qualification
nstitute Name
Address for Correspondence:
Telephone
Email
f, IAPS member give membership ID:
Transaction ID of fee paid Date
Bank
Amount Rs
PlaceDate

Signature of Applicant

HOD/Supervisor Signature& **Seal**











31st International Conference

International Academy of Physical Sciences (CONIAPS XXXI)

On

Emerging Trends in Physical Sciences

20-21 December, 2024

Conference Web link: https://confseries.in/coniaps2024



Organized by
School of Studies in Chemistry
&
School of Studies in Physics & Astrophysics
Pt. Ravishankar Shukla University, Raipur (C.G.)
Website: www.prsu.ac.in

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31st International Conference of International Academy of **Physical Sciences (CONIAPS XXXI)**

20-21 December, 2024

A Conference, CONIAPS XXXI, is going to be organized by School of Studies in Physics & Astrophysics and School of Studies in Chemistry, Pt. Ravishankar Shukla University (PRSU), Raipur, Chhattisgarh, India (492010).

Target Participants

The Conference is intended for the participation of Young Faculty members of various Universities/Institutions, Colleges, Research Students, eminent senior researchers and Post Graduate (PG) Students.

Objectives:

The 31st International Conference of International Academy of Physical Sciences (CONIAPS XXXI) on Emerging Trends in Physical Sciences aims to provide an opportunity to Researchers and Professionals from Institutes, Universities, Colleges and Industries across the world to share their recent researches and views in different fields of Physical Sciences and their Applications for the ultimate benefit of the Society. The conference will embrace Keynote Address, Fellowship Award Lectures, Swami Bhajananand Saraswati Vedic Science Award Lecture and other Plenary Lectures, Invited Lectures, Young Scientist Award (YSA) presentations and Paper Presentations (oral and poster). CONIAPS XXXI will include a broad set of research areas related to Physics, Chemistry, Mathematics, Electronics and Applied Physics, Material Sciences, Computer Sciences and Informatics, Bio-Informatics, Bio-Physics, Bio-Chemistry, Bio-Technology and Earth Sciences.

International Academy of Physical Sciences was founded with its headquarters at Allahabad on December 4, 1994, to meet the above goals and objectives. This culminated into a foundation conference in which several scientists from different streams deliberated on interdisciplinary approaches towards conflict resolution for world problems. The Academy is conceived as a scientific body incorporating various branches of Physical, Mathematical, and Earth Sciences such as Physics, Chemistry, Mathematics, Statistics, Geology, Geophysics and Geography, Computer Science, Bio-Informatics, Biochemistry, Biophysics, etc. The IAPS is a scientific organization of recent origin but it has already made its mark by involving in it through membership, fellowship, and activities, a large number of scientists of India and abroad, and its publications are helping in the expansion of scientific knowledge.

Theme of the Conferences

Physics	Chemistry	Mathematics	Computer Science	Biosciences/ Pharmaceuticals and Applied Sciences
Luminescence Solid State Ionics Material Science Electronics, Photonics, Renewable Energy Materials Astronomy and Astrophysics Computational Physics	Nanomaterials Environmental, Atmospheric Chemistry and Climate Change Chemical Optical Sensors Surface Chemistry Battery, Super capacitor, Fuel Cells	Computational fluid Mechanics Graph Theory, Differential Geometry Algebra Modeling and Simulation Industrial Mathematics Applications of Wavelets Mathematical Biology	Artificial Intelligence and Machine Learning Internet of Things and Cloud Computing Big Data Analytics and Data Science Emerging Trends in Networking and Security High Performance	Bioinformatics Biochemistry Biophysics Geology Geophysics Chemical Biology Chronobiology
Any other Relevant Areas	• Any other Relevant Areas	 Operations Research Analysis Any other Relevant Areas 	Computing • Quantum Computing • Any other Relevant Areas	

About University

Pt. Ravishankar Shukla University is Chhattisgarh's largest and oldest institution of higher education, founded in 1964. The campus of University is spread in 207 acres. It is well connected by air, rail and road between Howrah and Mumbai, and lies on NH-6. The campus is located at about 10 kilometers from the airport and about 4 kilometers from the railway station. There are Twenty-Nine teaching departments in the University. The total number of employees is 700. There are 5000 students enrolled for variety of courses and more than 100 faculty members are work for university. There are 180 educational institutions affiliated to the University. Recently the University receives DST-PURSE Grant.

About School of Studies in Physics and Astrophysics

The School of Studies in Physics & Astrophysics was established in the year 1972. Since its inception, the department has been imparting quality education at PG level and advanced research in frontline areas of Physics with major focus on Solid State/Condensed Matter Physics/Materials Science and Astronomy & Astrophysics (A&A), so that students of this region get academically benefited at par with any leading National/International institutions. It is worth mentioning that Pt. Ravishankar Shukla University is one amongst only few Indian Universities, and the one in the new state of Chhattisgarh, where teaching and research in Astronomy and Astrophysics (A&A) is being carried out in the Physics Department. In material Science, two groups are there:Luminescent materials research group and solid state Ionics group. The department was recognized as Center of Excellence (1987 1992) by M.P. Uchcha Shiksha Anudan Ayog, Bhopal. The department has received DST-FIST twice. The second DST FIST program has been approved to initiate twosemester specialization course on Physics of Nanomaterials for M.Sc student.

About School of Studies in Chemistry

SoS in Chemistry is one of the oldest and most prominent departments in Pt. Ravishankar Shukla University, Raipur, founded in 1972. Under the supervision of dedicated teachers, it offers M. Sc. and Ph. D. programs. The academic achievements of the SoS are well reflected by over 800 research papers published at the world level and over 300 Ph. D. produced covering a wide spectrum of the chemical science. It is a DST-FIST and; UGC-SAP sponsored department. The major fields of research are: Environmental Chemistry: Air quality monitoring and analysis, volatile organic compounds, polycyclic aromatic hydrocarbon etc. air quality receptor modeling forource characterization of air pollution mass. Nanotechnology: nano particle synthesis and its application, Surface Chemistry, Chemical sensors, Detoxification of pesticides, Electrochemical sensors, Energy Storage Applications and Supercapacitors.

About School of Studies in Mathematics

The School of Studies in Mathematics came into existence in 1991. The school offers a four semester (two year) post-graduation M.A./M.Sc. in Mathematics and research programme leading to Ph.D. degree. From the very inception this school is one of the most active research center of mathematical sciences in Chhattisgarh State. The broad areas of specialisation of the faculty are Nonlinear Functional Analysis, Cryptography and Mathematical Epidemiology. The school has online access of MathSciNet through the UGC Consortium. From 1994, the National Board for Higher Mathematics (NBHM) has been providing Library Grant every year to support purchase of books related to Mathematics. The school is also zonal centre for the award of NBHM, M.A./M.Sc. and Ph.D. scholarships awarded by the Department of Atomic Energy, Govt. of India. The school has been recognised by the Department of Science and technology as 'DST-FIST sponsored Department' for the period 2010-2014 to receive funds for development of infrastructure. The School has produced around 40 Ph.D. scholars. The faculty members have got published more than 400 research papers in highly reputed journals. Faculty members have also completed several research projects funded by agencies such as UGC, CCOST, DST, CSIR.

About School of Studies in Computer Science & IT

School of Studies in Computer Science & IT was established in the year 1992 under the aegis of this University and with the support of UGC and State Government. It is working as an academic department of the University. Currently, the Department is running two years full time Master of Computer Applications (M.C.A.) and two years full time Master of Science in Information Technology (M.Sc.IT). Apart from this the department also conducts Ph.D. program. The Department is also providing research facilities and presently research scholars are working in the area of Parallel Computing, Big Data, Data Science, Internet of Things and Computer Networking. Students of this department are employed abroad as well as in reputed Central Govt., State Govt. and Private organizations like TCS, NIC, CHIPS, MIT, DRDO, Cognizant, Infosys, L&T etc.

Invited speakers will be provided accommodation (on shared basis), conference material, breakfast, lunch and dinner. Free Accomodation (Hostel), Conference Kit will be provided to all delegates who will register before 5th November, 2024.

Hotels:

Delegates can make their own arrangements for accommodation in the following hotels of Raipur: Singhania Sarovar Portico, Gagan Residency, Hotel Piccadily - +918102514042, Club Paraiso - +919303718538.

How to Reach Raipur

Raipur is well connected by Air/Rail/Road Transport, and situated on the Mumbai-Nagpur-Howrah route of the Indian Railways. It has connection of Air with direct flight from New Delhi, Mumbai, Kolkata, Bhubaneswar, Bhopal, Indore Hyderabad, Bangalore and Nagpur.

How to reach at Pt. Ravishankar Shukla University, Raipur?

The area where university is situated is called 'AAMA-NAKA'.

From Raipur Railway Station

Railway station is approx 05 kms away from the University.

Prepaid Autos available at Railway Station with the fare around Rs 150/-.

Raipur City Buses are also regularly plying from Railway Station to Aama-Naka, Pt. Ravishankar Shukla University.

From Raipur Airport

Raipur Airport is situated at Mana, south of Raipur City, 18 kms from the University. Private taxi service is available from the airport. The fare is~ Rs. 600/- from the airport to University campus. Raipur City Buses are also available from outside the Airport. Bus Route will be from Airport to Ghadi-chowk and then from Ghadi-chowk to University/Aamanaka. The fare is about Rs. 20 per head.

Conference Organizing Committees

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Submission of Paper:

Abstract of research papers intended for presentation be uploaded on the conference web-link https://confseries.in/coniaps2024 as the MS word file latest by Date 31 October 2024 Template for abstract compilation is available on the conference web-link. The abstract restricted to maximum 300 words, must contain the title of the paper, name of each author with affiliation and email address. The name of the presenting author must be underlined. Papers presented in the Conference will be published in the Journal of IAPS after review.

AWARDS

- Prof. O.N. Srivastava Memorial Lecture Award
- Prof. T. Pati Memorial Lecture Award
- Prof.R.S. Mishra Memorial Lecture Award
- Prof. H.P. Dikshit Memorial Award
- Prof. P.R. Sharma Memorial Award
- Prof. P.N. Pandey Research Award

Young Scientist Award (YSA): In various fields of Physical Sciences the YSA is given to the presenters in CONIAPS after screening process of their full-length paper and presentation before the panel of five experts.

Eligibility for Young Scientist Award (YSA): The registered research scholar competing for the YSA must not crossed the age of 35 years on December 21, 2024, evidenced from the Board Examination Certificate. Contestants for YSA have to submit Full- Text paper along with the age proof and proof of paid registration fee. Papers for YSA should not be authored by more than two scholars/ scientist. Full-length Paper for the YSA must reach to the convener through the registration link latest by November 15, 2024.