

**27th International Conference of
International Academy of Physical Sciences
(CONIAPS XXVII)**





October 26 - 28, 2021 (Online)

-----| **FREE REGISTRATION** |-----

Last date of Registration and Abstract submission: September 30

Last date of full paper submission: October 15, 2021

CONIAPS XXVII is dedicated to share the latest developments in the field of **Physics, Chemistry, Mathematics, Statistics, Computer Science, Earth Sciences and Applied Biological Sciences**. The goal of the conference is to bring together leading researchers to discuss the latest advances in interdisciplinary Sciences and Technology. The focus will also be on the fundamental areas of application with particular emphasis on emerging trends. Talks will encompass basic studies and applications and will address topics of novel issues. The conference will feature keynote addresses, a number of plenary sessions, invited talks and contributed papers in the subject of above areas. Young Scientist awards will be given to the best oral presentations by researchers of age up to 35 years in each major subject. In view of convenience, CONIAPS XXVII is being organized online at **25** reputed Universities/Institutes across India on different topics/themes simultaneously. The participants are requested to register themselves in the institutions organizing their concerned subject. The details of themes and conveners are as follows:

S. N.	Topic/Theme	Contact person	Institution	Conference registration link	Conference registration QR code
1.	Advances in Information Science and Technology	Convener: Dr. K. Madhusudhana Rao +91-9618356061 Co-Conveners: Dr. B. Prasads +91-7093098775 Dr. G. Rajendra Kumar +91- 9393110375	Vignan's Institute of Information Technology, Vishakhapatnam, Andhra Pradesh	https://forms.gle/pTbTijL3ze8VwuiJ6	
2.	Sustainable Chemistry for Future Technologies	Organizing Committee: Dr. Shraeddha Tiwari Dr. Vijay Kumar A. Dr. Sudam Dawande +91 9833907916	Dept. of Chemistry, Institute of Chemical Technology, Mumbai, Maharashtra	https://forms.gle/yvwWnxqvFpmVPixDA	
3.	Recent Advances in Catalysis Science & Engineering (RACSE)	Organizing sSecretaries: Naveen Kumar Veldurthi Dr. Sudhanshu Shekhar Pati racse@nitjsr.ac.in +91-9470387263 +91-7008182718	Dept. of Chemistry, NIT Jamshedpur, Jharkhand	https://forms.gle/Wen5Qm0WEpKBnfq38	
4.	Frontiers in Physics	Convener: Dr. Nissar Ahmad University of Kashmir Co-Convener: Mr. Farooq Hussain IUST, Awantipora, Pulwama +91-7780866127 nis1231@gmail.com	Dept. of Physics, University of Kashmir, Srinagar & University of Science and Technology, Srinagar	https://cutt.ly/EQbJG4E	

5.	Recent Advances in Applied Physics	<p>Convener: Dr. M. Upadhyay Dr. R.K. Yadav Organizing Secretaries Dr. K. Saharia Dr. A. Jahan Dr. K. Borah +91-8974555972 Coniaps27nerist@gmail.com</p>	Dept. of Physics NERIST, Itanagar, Arunachal Pradesh	https://forms.gle/Erf5so245Ui4Bfhc8	
6.	Fluid Mechanics and its Industrial Applications	<p>Prof S.K. Narasimhamurthy Dr. B.J. Gireesha Dr. Venkatesha Department of Mathematics, Kuvempu University nmurthysk@gmail.com +91-9448590046</p>	Dept. Of Mathematics, Kuvempu University, Shimoga, Karnataka	https://cutt.ly/yQb859q	
7.	Hydrogen Energy and Nanomaterials	<p>Convener: Prof. M.A. Shaz Secretary: Dr. T.P. Yadav coniaps2021@gmail.com</p>	Dept. of Physics, Institute of Science, BHU, Varanasi, U.P.	https://forms.gle/oT3W7VKS2mm69iCV8	
8.	Recent trends in Energy Science and Engineering	<p>Convener: Dr. Atul Sharma Organizing Secretaries: Dr. Vipin Amoli Dr. Tathamay Basu Dr. Shikha Singh ICRTESE_2021@rgipt.ac.in</p>	Rajiv Gandhi Institute of Petroleum Technology, Jais, U.P.	https://docs.google.com/forms/d/e/1FAIpQLScchHWMr8UISbkBH9u1IGFOQHf7RNZ46dwBRehcSWZ7wH99Ig/viewform	
9.	Recent Advances in Solid Mechanics and Seismology	<p>Convener: Prof. Anil K. Vashishth Co-convener: Prof. M.D. Sharma; Mrs Sumitra Devi Organizing Secretary: Prof. Vinod Kumar Co-organizing Secretary: Mr. Dalbir Singh,</p>	Dep. Of Mathematics, Kurukshetra University, Haryana, India	https://forms.gle/owv9naMB4CTEmcXo7	
10.	Advances in Relativity and Cosmology	<p>Convener: Prof. B. Mishra parc@hyderabad.bits-pilani.ac.in</p>	BITS- Pilani, Hyderabad Campus, Hyderabad, Telangana	https://universe.bits-pilani.ac.in/hyderabad/parc/home	
11.	Interdisciplinary Research in Biomedical Sciences	<p>Convener: Prof. B.C. Das Co-Convener: Prof. Sunita Rattan Organizing Secretary: Prof. Dhruv Kumar coniapsxxviiamity@gmail.com +91-8882295071 +91-7082436598</p>	Amity University, Noida, U.P.	https://amityuni.live/85226722351	
12.	Advances in Food Science and Technology (AFSTECH-2021)	<p>Organizing Secretaries: Dr. B.K. Mishra, Dr. Deepak Bhagat, Dr. Subrota Hati afstech21@gmail.com</p>	North-Eastern Hill University, Tura Campus, Meghalaya	https://forms.gle/kveumpYdWnb3gzL97	

13.	Graph Theory and Applications (GTA)	<p>Convener: Dr. Jessica Fernandes e Pereira icgta@unigoa.ac.in</p> <p>Co-Conveners: Dr. Aloysius Godinho Natasha P DSouza e Jaques Adarsh Kumar Handa +91 8208126613/8669609205</p>	Dept. Of Mathematics, Goa University, Goa	<p>https://bit.ly/coniaps-gta</p> <p>Website: https://sites.google.com/view/gta2021</p>	
14.	Recent Advances in Pure and Applied Algebra (RAPAA)	<p>Organizing Secretaries: Dr. Ratnesh Kumar Mishra Dr. Mahendra Kumar Gupta rapaa@nitjsr.ac.in +91-9871099505, +91-9414333978</p>	Dept. Of Mathematics, NIT Jamshedpur, Jharkhand	https://bit.ly/3xhtkqh	
15.	Mathematical Modelling in Biological Sciences	<p>Organizing Secretaries: Dr. Praveen Kumar Gupta Dr. Subrata Bera mmbs.coniaps.2021@gmail.com +91-9453555044</p>	Dep of Mathematics, NIT Silchar, Assam	https://sites.google.com/math.nits.ac.in/m2bs2021/home	
16.	Mathematical Analysis & its Applications	<p>Convener: Dr Shaini P shainipv@cukerala.ac.in</p> <p>Co- Convener: Dr. Manikandan Rangaswami mani@cukerala.ac.in</p>	Dept. Of Mathematics, Central University of Kerala Kasaragod, Kerala	https://cutt.ly/eQbJ4Xn	
17.	Fuzzy and Computational Mathematics	<p>Organizing Secretary: Dr. Apu Kumar Saha nita.coniaps2021@gmail.com</p>	Dept. Of Mathematics, NIT Agartala, Tripura	https://docs.google.com/forms/d/e/1FAIpQLSewtL5Njels5otK4nRs aCO2hem7qd uHFIAA8yV L1547VemA w/viewform	
18.	Recent Advances in Differential Geometry and Topology (RADGT-2021)	<p>Convener: Prof. Gauree Shankar Co-Convener: Prof. Krishnendu Gongopadhyay Radgt2021@gmail.com +91-9971969846</p>	Dept. Of Mathematics, Central University of Punjab, Bathinda. Punjab	https://docs.google.com/forms/d/1_aq7NRiaAH3bOp9gU1LkSAqgYFEKxC-ch5tjF1EyAU4/closedform	
19.	Recent Advances in Statistics and Operational Research	<p>Convener: Dr. Om Prakash Organizing Secretary: Dr. Prashant Jha om.prakash@nitsikkim.ac.in +91-9002521849</p>	Dept. of Mathematics, NIT Sikkim, Sikkim	https://forms.gle/PrX78f1A9BSzzXBc9	
20.	Recent Advances in Mathematical and Computational Optimizations (RAMCO)	<p>Convener: Dr Gajendra Pratap Singh +91- 9910136414 jnuconiaps@gmail.com</p>	JNU, New Delhi	https://docs.google.com/forms/d/e/1FAIpQLSfc-ojI4ABNmSPgMqHx4JgQW6CGQCmMjuiwam0hf1hhssNw/viewform	

21.	Ecosystem Restoration and Environmental Sustainability: Concerns and Alternatives	<p>Convener: Dr. Surendra Singh Chauhan +91-9414607940 Organizing Secretaries Dr. Prama Esther Soloman (+91-9001791887) Dr. Pankaj Kumar Jain (+91-9414971602) Dr. Chhagan Lal (+91-9413119927) igcheeps@gmail.com</p>	<p>Indira Gandhi Centre for Human Ecology, Environmental and Population Studies, University of Rajasthan, Jaipur, Rajasthan</p>	<p>https://docs.google.com/forms/d/e/1FAIpQLSdUTs4I4wdSOftUHvkL1h1GsZYT_RIM_3CIMYhTLsKFIOVwKDQ/viewform</p>	
22.	Recent Advances in Chemical Sciences	<p>Convener Prof. RS Misra (JNU) Co-convener Prof VK Tiwari (BHU) Organising Secretary Prof MD Pandey (BHU) Dr Vijay Goel (JNU) Joint Secretary Prof SK Pandey (BHU) Dr Supriya Sabbani (JNU) Dr. Manoj Munde (JNU) ramsagar1.jnu@gmail.com +91-9971119402</p>	<p>JNU, New Delhi & Banaras Hindu University, Varanasi, U.P.</p>	<p>https://forms.gle/pb5qsTKXcyY65WDdA</p>	
23.	Recent Advances in Earth Sciences	<p>Convener Prof. Jaswant Singh Co-convener Prof Siddharth Shukla Dr. Vinod Kumar Chaudhary Organising Secretary Dr. Suparna Tewari Dr. Shazia Dr. Arvind Kumar Dr. Shashi Kant Sah coniaps27iees@gmail.com +91-9415717168</p>	<p>Dr. Ram Manohar Lohia Awadh University, Ayodhya, U.P.</p>	<p>https://forms.gle/wvtdNwt4v3QKfdMUA</p>	
24.	Functional and Numerical analysis	<p>Convener Prof. B.S. Thakur Organizing Secretary Dr. B.P. Tripathy Joint Secretary Dr. Dipti Thakur balwantst@gmail.com bhanu.tripathi@gmail.com +91-9827955810</p>	<p>School of studies in Mathematics, Pt. Ravishankar Shukla University and Govt. Nagarjuna P.G. College of Science Raipur, Chhattisgarh,</p>	<p>https://forms.gle/4yK4WXKE1FeNXrDF9</p>	
25.	Mathematics and Science in Ancient India	<p>Convener Dr. Umesh Kumar Singh +91-9926018114 Co-Convener Dr. Sandeep K. Tiwari +91-9399606200 umeshsingh@rediffmail.com</p>	<p>Vikram University, Ujjain, M.P.</p>	<p>https://forms.gle/3J2WRRJwVdkGq7eq7</p>	

About IAPS

International Academy of Physical Sciences (IAPS) was founded in 1994 with its headquarters at Allahabad (now Prayagraj), India with its objective to promote interdisciplinary approach and foster synergy among different subjects like Physics, Chemistry, Mathematics, Statistics, Computer Science, Earth Sciences and Biophysical Sciences such as Biochemistry, Biophysics, Biomathematics, Bioinformatics, *etc.* The Academy has previously organized twenty-six international conferences on interdisciplinary themes in reputed Universities/ Institutes across the country as well as foreign countries. In the Silver Jubilee year of IAPS (2019), twenty-nine national conferences/ workshops/ seminars were organized at different institutions in the country in different fields of physical sciences to commemorate the important event. The Silver Jubilee celebration was ended with the 25th International Conference of IAPS held at Guru Jambheshwar University of Science and Technology, Hisar (Haryana), which was also celebrating its own Silver Jubilee year, on Physical and Biological Sciences at Cross Roads. Due to COVID-19 pandemic, the 26th international conference of the Academy (CONIAPS XXVI) was organized online in 2020 at 11 departments of 10 universities/institutes of 9 states of India.

Executive Council of IAPS

Patron: Prof. R B Misra, Ex Vice Chancellor, Dr. R.M.L. Awadh University, Ayodhya

President: Prof. K B Pandeya, Prayagraj

Vice- Presidents: Prof H S Dhami, Dehradun; Prof S N Upadhyay, Varanasi; Prof P K Bajpai, Bilaspur; Prof A K Mishra, Chennai

General Secretary: Prof. P. N. Pandey, Prayagraj

Secretaries: Prof S N Shukla, Ayodhya; Prof. C. K. Mishra, Ayodhya; Prof S K Narsimhamurthy, Shimoga; Prof B K Tiwary, Pudducherry

Treasurer: Dr. Vijay Tripathi, Prayagraj

Executive Secretary: Dr. Vikas Baranwal, Prayagraj

Councillors:

Prof. J P Chaturvedi, Kanpur; Prof. D. Pandey, Meerut; Prof. M K Sharma, Hisar; Prof. Ravindra Dhar, Prayagraj; Dr. Virendra Upadhyay, Chitrakoot; Dr. Anjali Goswami, Riyadh; Dr. Yumnam Rohen, Imphal; Dr. Bharat Z Dholakia, Surat; Dr. Mukesh Kumar Sharma, Meerut; Dr M K Gupta, Bilaspur