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OVERALL INFORMATION

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Two Days Blended Mode (online/offline) International Conference

Frontiers in Physics, Materials

Science and

Nanotechnology (FPMSN-2022)

March 25-26, 2022



Organized by

Department of Physics Chaudhary Devi Lal University Sirsa-125055, Haryana, India

Website: www.cdlu.ac.in

I" International Conference in online/offline mode with the focal theme "Frontiers in Physics, Materials Science and Nanotechnology is being organized to provide a platform to the Scientists, Professors and Research Scholars of the various areas of Academia, Industry and Research Institutes engaged in Research & Development in different fields of Physics in general and Materials Science, Condensed Matter Physics, Photonics, Nanotechnology, Nonlinear Dynamics in particular, from all over the world to interact with each other and share their ideas. The young Scientists, Researchers and Students will get an opportunity to put forward their work before the Experts of their particular field to interest and get new ideas from the Experts. It is expected that the conference will generate awareness among all stake holders to contribute effectively towards the advancement in Physics, Materials Science, Photonics, Nanotechnology, Laser, Nonlinear Dynamics & Opto-electronics. The conference will focus to facilitate the latest Research, Current Practices, Emerging Trends & Frontiers in above said fields. Eminent Professors Scientists from different countries will deliver talks on current topics of scientific and technological importance

ABOUT THE UNIVERSITY

Established on April 02, 2003, Chaudhary Devi Lal University, Sirsa is named after Jan Nayak Chaudhary Devi Lal, the former Deputy Prime Minister of India. The University was set up by the Government of Haryana under the State Legislature Act 9 of 2003. It was approved under section 2 (f) and 12 (b) of UGC Act, 1956 in 2003 and 2008, respectively. The University has a sprawling campus of approximately 214 acres located on Dabwali bypass, Sirsa. The main objective of the University is to facilitate and promote higher education in diverse fields. There are twenty four University Teaching Departments, University College, University School for Graduate Studies and University Centre for Outreach Program in the University campus, well equipped with necessary infrastructure and skilled human resources. The colleges of Sirsa and Fatehabad districts are affiliated to this University. The University has Library, Laboratories, Hostels, Health Centre, Bank facility, Shopping Centre, Community Radio, Auditorium and Indoor Stadium etc. The University has scaled new heights in education, research, sports and cultural activities. With the present pace, the University looks forward to excel in academics and research

ABOUT THE DEPARTMENT

Department of Physics was established in 2004. The department is running M.Sc. and Ph.D. programmes. The thrust areas of the department are Materials Science including Nanomaterials, DFT, Photonics including Laser Physics and Non-linear Dynamics. It is to keep synergy with the evolving innovations and developments in various fields of experimental and theoretical Physics. The department is making sincere efforts for the holistic development of its students.

ABOUT SIRSA CITY

Sirsa is situated in the westernmost region of Haryana, bordering Punjab and Rajastha It has a fine blend of Rajasthani, Punjabi and Haryanvi cultures. Its history dates back to the time of Mahabharat. At one time, the Sarasyati River flowed in this area. It is a land of great saint Sarsai Nath. It is a city of spiritual places such as Sarsai Nath Dham, Dera Sachcha Sauda, Tara Baba Kutia and Radha Swami Satsang Beas. Sirsa is situated at a distance of about 270 Km (NH-10) from the national capital New Delhi and about 280 Km (NH-65) from the state capital Chandigarh. It is well connected with New Delhi, Chandigarh and Jaipur by regular bus service and railways. The climate of Sirsa in the beginning of March is pleasant with temperature about 25-30°C.

Last Date of Abstract Submission 16-03-2022

Notification for Acceptance 18-03-2022

IMPORTANT DATES

Last Date of Registration 16-03-2022 (without late fee) 24-03-2022 (with late fee)

SUB-THEMES

Materials & Technology: Materials Synthesis & Characterization Techniques, Interfaces & Thin Films, Nanomaterials & Nanotechnology, Smart & Electronic/Magnetic Materials, Multiferroics, Semi & Super-Conducting/Irradiated Materials, Polymers, Ceramics, Liquid Crystal, Bio-Materials, Material Phases & States, Glasses & Amarphous Systems, Energy Renewable Materials, Supercapacitors/Batteries, DFT.

tics & Optical Materials : Photonics, Laser Materials, Solar Cell, Optoelectronic Devices, Linear & Nonlinear Optics, Laser Physics, Speckle Metrology, Laser-Plasma Interaction, Laser Applications, Multiphoton Transitions, Raman Spectroscopy, Photoacoustics.

Nonlinear Dynamics: Chaos, Solitons, Acoustic Waves, Applications of Nonlinear Dynamics to Physics, Biology and other areas, Quantum Field Theory, Integrability, Non-Hermitian Hamiltonian, PT-Symmetric Systems.

SUBMISSION OF ABSTRACT & PAPER

Research work indicating the detail about Objectives, Methods, Results, Conclusions and Scope of the study are invited for presention as oral/poster form in online/offline mode. Abstracts & Papers should be typed in MS-Word format with Times New Roman and they may be submitted through E-mail: fpmsn2022cdlu@gmail.com, the size of Abstract (250-300 words) & Paper (4-5 pages) as per the following

Paper Title (14 pts/Bold/Single Line spaced/justified)

Authors Name (12 pts/Italic/Single Line aligned/Presenting Author underlined)

Affiliations (11 pts/Italic/Single Line spaced/Central aligned)

Abstract & Paper Text (12pts/normal/1.5 line spaced/justified. Graph plotting should be with latest version of Origion Software.

Papers will be selected for presentation & publication on the basis of review process by the subject experts. The accepted & presented papers will be published in Conference Proceedings or Springer Journal.

Note: Research work should be original, unpublished and plagiarism free in the abstract & paper.

Peer reviewed abstracts/papers will be selected for oral/poster presentations, which will be intimated through E-mail before 18-3-2022

REGISTRATION FEE AND MODE OF PAYMENT

(Till 16-03-2022) 1000/-Registration fee (After 16-03-2022/on the spot) Faculty Members
Research Scholars 500/-300/-

Mode of Payment

The payment of registration fee can only be made in online mode in favor of "FPMSN-2022" via Net Banking to the account below:

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CDLU Branch, Sirsa (Haryana) India

Account Name : Registrar CDLU Sirsa : 15172011000019 A/C No. IFSC Code · PUNB0151710

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Participants can submit online registration form via URL: https://forms.gle/oJz108po7S5jumZ76

Send copy of fee receipt via conference email.

Instructions for Oral Presentation :-

Power point presentation will be preferred for research paper presentation in the technical sessions. Time duration for each presentation will be 10 min., followed by discussions, if any

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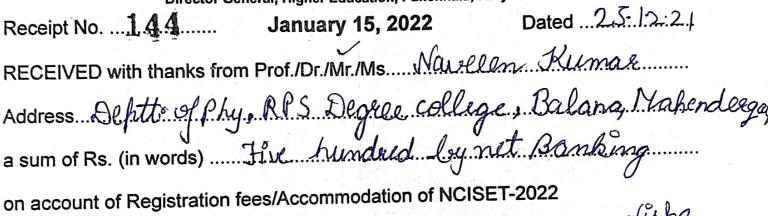


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