

About the Institute

Sant Longowal Institute of Engineering and Technology (SLIET) is Deemed University and centrally funded technical institute of Govt. of India with an aim to achieve technological excellence through innovation. It caters to the technical manpower requirements at various levels by adopting a new concept of modular system in imparting technical education with emphasis on practical training in industry. It offers Certificate, Diploma, Degree, PG and Ph.D. courses in various disciplines of Engineering Science and Management.

Department of Physics

The Department offers Ph.D. and M.Sc. in Physics and other basic courses on engineering physics, modern physics and materials science to students of all engineering trades at certificate, diploma and degree levels. Besides teaching, the faculty members are engaged in active research work in their respective fields of interest covering different areas such as Materials Science, Nuclear Physics, Atomic Physics and Condensed Matter Physics etc. and have collaboration with laboratory at National and International level.

Location

The Institute is connected by road with Sangrur (16 Kms), Patiala (80 Kms), Sunam (17 Kms), Ludhiana (100 Kms), Chandigarh (150 Kms), Delhi (320 Kms). The nearby railway stations are Sangrur, Sunam, Dhuri Junction (35 Kms) and Barnala (30 Kms). The nearest airport is Chandigarh. The weather of Longowal during conference time is expected to remain pleasant.

Correspondence Address

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E-Conference

Call for papers

5th National Conference on Advanced Materials and Radiation Physics (AMRP-2020)

(9-11 November, 2020)



Organized by:

Department of Physics

Sant Longowal Institute of
Engineering & Technology

(Centrally Funded Technical Institute of Govt. of India)
(Deemed-to-be-University)

Longowal, Sangrur-148106 (Punjab)

<http://www.sliet.ac.in>

PUBLICATION PARTNER

AIP | Conference Proceedings

Scope of conference

The main aim of the conference is to provide a platform to the Researchers, Scientist, research scholars and research scientist from R & D wings of industry and research institutions in the field of Materials science and radiation physics all over the country to interact with each other and share their ideas. The young scientist and students will get a chance to put forward their research work in front of experts of their particular field. So, to provide them a platform, the Department of Physics has taken an initiative to organize 5th National Conference on "Advanced Materials and Radiation Physics" (AMRP- 2020) on the pattern of previous conferences organized by the department in the year 2009, 2011, 2013 and 2015. It is expected that the conference will generate awareness among all concerned to contribute effectively towards advanced materials and radiation physics for building up innovation and entrepreneurship as pillars of the Indian technology. The Conference will focus to facilitate the exchange of latest research, current practices, and future trends in the field of material Science and radiation physics that would best fit for the local as well as global needs.

Topics covered in conference

- a. Smart and Nanostructured materials
- b. Electronic and Photonic Materials
- c. Materials Computational Methods
- d. Nano Biomaterials & biosystem
- e. Electronic structures and phonons
- f. Semiconductor physics
- g. Superconductivity and spintronics
- h. Surfaces, interfaces and thin films
- i. Glasses and amorphous systems
- j. Optical Properties of Materials
- k. Radiation Measurements & Inst.
- l. Radiation Sources, Reactors and Accelerators
- m. Basic Radiation Processes
- n. Applications of Radiations
- o. Related areas

Registration

The enclosed registration form or its photocopy may be filled and sent with registration fee.

Research Students and Post-docs: Rs. 4000/-

Scientists and Faculty members: Rs. 5000/-

Late registration fee of Rs. 500/- extra will be Charged.

Submission of Abstract & Paper

Papers will be selected for presentation on the basis of review by subject expert. The accepted & presented papers will be published in **AIP Conference Proceedings** after peer review process. AIP Conf. Proc. is indexed in leading databases—Web of Science, Scopus and Inspec. Authors are required to submit their original and unpublished research work for presentation in the conference. Only one paper per registered participant will be considered for publication, however, one can be a co-author of more than one paper. Participants are requested to submit their abstract and manuscript strictly as per the format (MS-WORD) of AIP Conference Proceeding limited to 4-5 pages only. The author templates can be downloaded from AIP Scitation page as:

<http://aip.scitation.org/apc/authors/download>.

The authors have to submit the copyright transfer forms during the conference.

Important Deadlines

Submission of abstract & full paper: 31.08.2020

Acceptance notification: 15.10.2020

Registration deadline: 31.10.2020

Conference dates: 9-11 November, 2020

Mode of payment

The payment for the registration fees can be made in the form of demand draft drawn in favor of "AMRP-2020" or via Net Banking to the account below:

Bank & Branch: Central Bank of India, Longowal

A/C No.: 3807824272

IFSC code: CBIN0283105, Branch code: 283105

Online Registration

Participants can submit online registration form from

URL: <http://forms.gle/G5hrHVygmuU8BB7879>

Guidelines for Participants

Instructions for Poster Presentation:

A poster should be prepared in such a way that the delegates are able to quickly read and grasp the idea. Hence, these should be visually appealing and legible. The contents should be easily readable.

Instructions for Oral Presentations:

Power point presentations will be made by the presenting author in a pertinent Scientific Session. Time duration for each presentation will be 10 min., followed by discussions, if any.

Online Conference Platform

Due to the current grave scenario of COVID-19 pandemic, the mode of conduct of this conference AMRP-2020 is changed to ONLINE. Authors will be able to participate virtually using an online virtual conference platform. This decision has been made as unprecedented measures to stop the coronavirus's spread and to offer best way to allow researchers to share their scientific work and interact with collaborators. Participants will give talks and join in online conversations during the conference. The virtual conference program will be announced before the conference dates and the online conference platform will be available for all registered authors and listeners.

Note: e-certificate will be given to the registered participants



Contact persons

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E- Conference
**5th National Conference on Advanced Materials
and Radiation Physics**
(AMRP-2020)

(9-11 November, 2020)



Sant Longowal Institute of Engineering & Technology
(Centrally Funded Technical Institute of Govt. of India)
(Deemed-to-be-University)
Longowal, Sangrur-148106 (Punjab)

Registration Form

- 1) Name: _____
- 2) Designation: Faculty/Research Scholar/Post Doc
- 3) Field of Specialization: _____
- 4) Name of Organization: _____
- 5) Mailing Address: _____
- 6) E-mail: _____
- 7) I wish to participate in the conference: Yes/No
- 8) I wish to present a paper: Yes/No
- 9) Required mode of presentation: ORAL/POSTER
- 10) Title of the Paper: _____
- 11) I am enclosing a demand draft of Rs. 4000/ Rs. 5000 in favor of "AMRP-2020" payable at Longowal as registration fee.
DD No.: _____

OR

Payment detail NetBanking (A/C No.: 3807824272, IFSC code: CBIN0283105, CBI, longowal) Net

Banking Ref. No. Pay amount & date: _____

Date:

(Signature of Applicant)