

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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For further details please visit the conference website:

<http://www.amrp2015.in>

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First Announcement and Call for papers



4th National Conference on Advanced Materials and Radiation Physics (AMRP-2015) (March 13-14, 2015)



Organized by;

Department of Physics

Sant Longowal Institute of
Engineering and Technology

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

Longowal, Sangrur-148106 (Punjab)

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

Conference website: <http://www.amrp2015.in>

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 4th National Conference on “Advanced Materials and Radiation Physics” (AMRP-2015) on the pattern of previous conferences organized by the department in the year 2009, 2011 and 2013. 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 Nano materials
- b. Electronic and Photonic Materials
- c. Materials Computational Methods
- d. Advanced Biomaterials
- e. Electronic structures and phonons
- f. Transport properties
- g. Semiconductor physics
- h. Superconductivity and spintronics
- i. Surfaces, interfaces and thin films
- j. Glasses and amorphous systems
- k. Optical Properties of Materials
- l. Radiation Measurements & Inst.
- m. Radiation Sources, Reactors and Accelerators
- n. Basic Radiation Processes
- o. Applications of Radiations
- p. Related areas

Conference Tour

Tours for local places on 14th March 2015 and Amritsar/Chandigarh-Pinjore on 15th March 2015 will be arranged for delegates.

Submission of Abstract & Paper

Papers will be selected for presentation on the basis of review by subject expert. The accepted papers will be published in *American Institute of Physics (AIP) Conference Proceeding* after peer review process. 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 3-4 pages only. (AIP Conference Proceeding format can be downloaded from the site (<http://scitation.aip.org/content/aip/proceeding/aipcp/info/authors>). The authors have to submit the copyright transfer forms during the conference.

Poster Award

A few posters presented in poster session will be selected for the Poster Awards.

Important Deadlines

Submission of abstract & full paper: 30.01.2015
Acceptance notification: 10.02.2015
Registration deadline: 28.02.2015
Conference dates: March 13-14, 2015

Registration

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

Research Students and Post-docs: Rs. 3000/-
Scientists and Faculty members: Rs. 4000/-
Late registration fee of Rs. 500/- extra will be charged.

Mode of payment

The payment for the registration fees can be made in the form of demand draft drawn in favor of “Convener AMRP-2015” or via Net Banking to the account below:
Bank & Branch: Central Bank of India, Longowal
A/C No.: 3407282120

IFSC code: CBIN0283105, Branch code: 283105

Accommodation

For Students: Rs. 200/- (Full conference period).
For others: Rs. 150/- and Rs. 100/- per day in guest house and transit accommodation respectively on sharing basis. Lady participants will be accommodated at girl’s hostel with nominal charge.

Registration Form

4th National Conference on Advanced Materials and Radiation Physics (AMRP-2015) (March 13-14, 2015)

1. Name:

2. Designation:.....

3. Field of Specialization:.....

4. Name of Organization:.....

5. Mailing Address:.....

.....

E-mail:.....

Telephone No.:.....

Fax:.....

6. Accommodation required: Yes/No

I wish to participate in the conference: Yes/No

I wish to present a paper: Yes/No

Title of the Paper:.....

I am enclosing a demand draft of Rs. in favor of the “Convener AMRP-2015” payable at Longowal as registration fee. DD No.:

Or

Payment detail

NetBanking:

Net Banking Ref. No.

Pay amount & date:

Date:.....

Signature.....