

## First Circular

Two Days National Conference  
on

**Research Trends in Physics  
and Electronics  
(NPE-2016)  
(November 25-26, 2016)**



Organized by

Department of Physics

S.G.G.S KHALSA COLLEGE MAHILPUR  
146105, DISTRICT HOSHIARPUR, PUNJAB

in Collaboration with

Indian Society for Radiation Physics  
(ISRP)

&

Nuclear Track Society of India (NTSI)  
C/o Radiochemistry Division, Bhabha  
Atomic Research Centre, Trombay,  
Mumbai-400085

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## CONFERENCE THEME

The Scientific programme of National Conference on Physics and Electronics (NPE-2016) will cover important aspects of latest research trends in the field of Physics and Electronics. The chosen topics for Conference will develop an enthusiasm for research among faculty and research scholars/students hence they can be benefited by making them aware of new innovations and recent advancement in research in the field of Physics and Electronics. This Conference will provide an interdisciplinary forum for presenting new approaches from relevant areas of Physics and Electronics, to foster integration of the latest development in scientific research into engineering applications and to facilitate technology transfer from well tested ideas into practical products and remedial processes.

## TOPICS TO BE COVERED

- Nuclear/ Radiation Physics
- NORMS (Naturally occurring radioactive materials)and related health risks
- Material Science (Materials; Synthesis and their properties)
- Particle Physics
- Optical fibre Communication system
- Power Electronics and Applications

- Electromagnetics, Microwaves, Antenna
- RF and wireless Circuits
- Low power designs & VLSI physical design
- Advanced technology (Mems & Nano-electronics)
- Semiconductors and Nanotechnology
- Computational Physics

## ABOUT THE COLLEGE

Sri Guru Gobind Singh Khalsa College, Mahilpur, Distt. Hoshiarpur (Punjab), India, a Post Graduate, Multi Faculty, Co-Educational college is a premier Institution of the Rural Area in District Hoshiarpur (Punjab), which was established in 1946 before the partition of India by HIS HOLINESS `SANT BABA HARI SINGH JI KAHARPURI', the Founder President of Sikh Educational Council and Principal S. Harbhajan Singh Ji, with a missionary zeal of providing Higher Education to the students belonging to the Rural, Backward and Kandi areas. This college is also known as Football Nursery of Asia. The college is situated on Hoshiarpur Chandigarh Road at a distance of 22 kilometres from Hoshiarpur, 37 Kilometres from Phagwara, 35 Kilometres from Nangal Dam and 45 Kilometres from Una (Himachal Pradesh) in the foot hills of Shivalik Range of Hills.

## ABOUT THE DEPARTMENT

The Department of Physics offers B.Sc. (Non-Medical), M.Sc. in Physics and M.Sc. (Instrumentation Physics). The department has established state-of-art laboratories with sophisticated equipments for undergraduate, Post graduate work.

## TRAVELLING TO MAHILPUR

The college is located on Chandigarh-Hoshiarpur Road at a distance of 116 km from Chandigarh and 70 km from Jalandhar. The Shtabadi Express train plying between New Delhi and Jalandhar and the Delhi Hoshiarpur Express train plying between New Delhi and Hoshiarpur (via Jalandhar) are the best mode of travel to and from Jalandhar and Hoshiarpur respectively. Mahilpur is located at a distance of 27 Km from Hoshairpur and buses are easily available from Hoshiarpur to Mahilpur.

## REGISTRATION FEE

- Faculty Rs. 1000/-
- Research Fellows/Student Rs. 700/-
- Accompanying Person Rs. 500/-

Registration Fee should be sent by bank transfer latest by October 30, 2016.

## BANK DETAILS ARE AS FOLLOWS:

Account Name: **S.G.G.S KHALSA COLLEGE (NPE2016)**

Name and Address of Bank: **State Bank of Patiala, Mahilpur Branch.**

Account Number: **65265678265**

IFSC Code: **STBP0000710**

MICR Code: **144007653**

(Please send the proof of money transfer by e-mail and show it at the registration counter)

Prospective participants are asked to submit registration form via e-mail:

Email: [npe2016kcm@gmail.com](mailto:npe2016kcm@gmail.com)

## IMPORTANT DATES

- Abstract Submission: October 10, 2016
- Acceptance Notification: October 20, 2016
- Full Paper: October 30, 2016
- Date of Registration: October 30, 2016
- Paper Format: Times New Roman, 12 Font Size, Single Column
- Poster Format: To be notified later

\* Selected Papers will be published as Conference Proceedings in Indian Journal of Pure & Applied Physics.

## ACCOMMODATION

Accommodation will be provided to the participants, on request. Accommodation is available in the Institute Hostels on chargeable basis. Please note that the accommodation is not included in the Conference fee and the delegates will be provided the complete assistance in arranging their accommodation on chargeable basis.

## ADDRESS FOR CORRESPONDENCE

All correspondence regarding the meeting should be addressed to the meeting organizers:

Dr. Komal Badhan (Convener-NPE 2016)

Mob: 08437416267

E-mail: [npe2016kcm@gmail.com](mailto:npe2016kcm@gmail.com)

*We are looking to seeing you in S.G.G.S Khalsa College Mahilpur, District Hoshiarpur*



## REGISTRATION FORM NPE-2016

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization: \_\_\_\_\_

Mailing Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Email: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

Mobile: \_\_\_\_\_

Accommodation Required: Yes/No  
\_\_\_\_\_

Signature (with Date): \_\_\_\_\_

(Please mail the form before October 25, 2016 to [npe2016kcm@gmail.com](mailto:npe2016kcm@gmail.com))