



One Week International Workshop
on
**Nano-Materials Modelling Using Machine
Learning and SIESTA
(NMM-2023)**
(14th -19th April, 2023)
Organised by:
Department of Physics
Govt. P. G. College Bilaspur
Himachal Pradesh, India
In Collaboration with
**Indian Association of Physics Teachers
(IAPT)**

OBJECTIVE

This workshop will focus on materials modelling using **Machine learning and SIESTA** (DFT based code), covering basic concepts, geometry optimization, band structure and other electronic structure calculations for post graduate students of Physics/Chemistry/Engineering, young researchers and faculty members. All the participants will be given complementary **Supercomputer** access during the workshop.

NOTE:

It is mandatory for all the participants to bring their Laptops with Linux Operating System.

ORGANISERS

PATRON

Prof. Neena Vasudeva (Principal)

CHAIRMAN

Dr. H. L. Sharma

COORDINATOR

Dr Arun Kumar

VICE CHAIRPERSONS

Prof. Pratima Nadda
Dr. P. S. Kutwal
Prof. Prem Jeet
Prof. Ranjeet Kaushal

ORGANISING COMMITTEE

(Department of Physics)

Dr. Surjeet Kumar (HOD) (Convenor)
Dr. Monika Chandel (Organising Secretary)
Dr. Ghanshyam (Co-convenor)

REGISTRATION & IMPORTANT DATES

For all the participants Rs. 2,000/-
For students of Govt. P. G College Bilaspur Rs. 1000/-

Last date for acceptance of application: 25/03/2023

REG LINK:

<https://docs.google.com/forms/d/1g1nQsbquFC3dV5qCvqaO1THEivPKsV01vBoHyVY2khQ/e/dit?pli=1>

Confirmation of acceptance: 28th March, 2023

Submission of Reg. Fees: 28th -31st March, 2023

ACCOUNT DETAIL & FEE DEPOSIT

Information regarding fee deposit will be conveyed
after selection.

(Fee will not be refunded)

Bank Name: H.P. State Co-operative Bank Ltd.
Bilaspur

Customer Name: Principal Govt. Post Graduate
College Bilaspur

Account No.: 10610118079

IFSC Code: HPSC0000106

Dates of workshop: 14th -19th April, 2023

LOCATION

Department of Physics
Govt P. G. College Bilaspur

<https://goo.gl/maps/i5T1j1AAQWo555K8>

KEYNOTE SPEAKER

Prof. P. K. Ahluwalia
(President IAPT)
Physics Department
Himachal Pradesh University, Shimla, India

RESOURCE PERSONS

- Prof. Ravindra Pandey, Department of Physics, Michigan Technological University, Houghton, Michigan.
- Dr. Rajendra Adhikari, Physics Department, Kathmandu University, Nepal.
- Prof. Nacir Tit, Department of Physics, United Arab Emirates University, Abu Dhabi, United Arab Emirates.
- Dr. Jagdish Kumar, Department of Computational Sciences, Central University of Punjab, Bathinda.
- Dr. Ashok Kumar, Department of Physics, Central University of Punjab, Bathinda.
- Dr Anjna Bhardwaj, Department of Physics, Govt. College Baroh, Distt. Kangra, Himachal Pradesh.
- Mr. Narender Kumar, Research Scholar, Physics Department, UAE University, Al-Ain, United Arab Emirates
- Dr. Surjeet Kumar (Host Institute).
- Dr Arun Kumar (Host Institute).

ACCOMODATION

Participants will be provided lunch during the workshop. They will have to manage themselves boarding and lodging. They can contact the following Hotels at their own level.

Quality Hotel: 94181-07602

Hotel Anant: 94180-08630

Hotel Sagar View: 70182-19375

For more details, contact us:

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