



Estd. 1994
National Workshop on

Nano Materials Modelling using Quantum Espresso

(NMM-2022)

(18-21st April 2022)

Organised by:

Department of Physics

Swami Vivekanand Govt. College Ghumarwin,

Bilaspur

Himachal Pradesh, India

OBJECTIVE

This workshop will focus on materials modeling using **Quantum ESPRESSO** (DFT based code), covering basic concepts, geometry optimization, band structure, DOS and Phonon calculations for post graduate students, young researchers and faculty members. All the participants will be given complementary **Supercomputer** access.

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

REGISTRATION

For all the participants Rs. 1,000/-

For student of SVGC Ghumarwin Rs. 500/-

(Registration fees will be submitted on the spot.)

REG LINK:

https://docs.google.com/forms/d/e/1FAIpQLScfjC7WnY704oMylSqLmMyA_r5Jx9q1zXeBC0KGPIsluYsOiQ/vie wform?usp=sf_link

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 label.

Hotel M4U: 94181-24766

GAGAN Hotel: 98160-36234

Lilly Guest House: 01978-255255, 94181-10406

Monal Guest House: 94185-22369

Bittu Guest House: 94180-54057

LOCATION

<https://www.google.com/maps/place/Swami+Vivekanand+Government+College/@31.460891,76.6908533,17z/data=!3m1!4b1!4m5!3m4!1s0x0:0x620b039a358211e!8m2!3d31.460891!4d76.693042>

ORGANISERS

PATRON

Mr. Ram Krishan (Principal)

Organising Committee (Department of Physics)

Mr. Avneesh Sharma (HOD)

Mr Lavli Rana

Dr. Arun Kumar

Dr. Hansa Devi

Miss Anjna Devi

Coordinator

Dr. Arun Kumar

arun242493@yahoo.com

Organising Secretary

Miss. Anjna Devi

anjnahpu90@gmail.com

KEYNOTE SPEAKER

Prof. P. K. Ahluwalia

(President IAPT)

Physics Department

Himachal Pradesh University, Shimla, India

RESOURCE PERSONS

1) Dr. Rajendra Adhikari, Physics Department,
Kathmandu University, Nepal

2) Dr. Jagdish Kumar, Department of Physics &
Astronomical Science, Central University of Himachal
Pradesh

3) Dr. Arun Kumar (Host Institute)

4) Miss Anjna Devi (Host Institute)

IMPORTANT DATES

Last date for application: 05/04/2022

Confirmation of acceptance: 10/04/2022

Dates of workshop: 18th to 21st April 2022

For details, contact us:

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