



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Insuvai K, Undergraduate, Alagappa College of Technology, Anna University, Tamilnadu, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/1**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Rohit Duvvuri, Undergraduate, Birla Institute of Technology and Sciences, Telangana, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

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[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/2**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Afkham Mir, Assistant Professor, BITS Pilani, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (**DFT-M**) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

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**Dr. Nikhil Aggarwal**

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/3**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[SRI HIMAJA PAMU, Research Scholar, BITS-Pilani, Hyderabad Campus, Telangana, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

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[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/4**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Y Lavanya, Research Scholar, BITS-Pilani, Hyderabad Campus, Telangana, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

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[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/5**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Chitturi Huldah Suharika, Research Scholar, BITS-Pilani, Hyderabad Campus, Telangana, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/6**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Sohini Das, Research Scholar, BITS-Pilani, Hyderabad Campus, Telangana, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/7**





# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Vishnu Kumawat, Research Scholar, Delhi University, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (**DFT-M**) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

**Dr. Nikhil Aggarwal**

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/8**





# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[PRACHI UPADHYAY, Research Scholar, Indian Institute of Science Education and Research, Bhopal, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/9**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Ayushman Tiwari, Research Scholar, Indian Institute of Science Education and Research, Bhopal, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

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[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/10**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Prashil Badwaik, Research Scholar, Indian Institute of Technology Bombay, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/11**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Neeraj Singh, Research Scholar, Indian Institute of Technology Delhi, India](#)

has actively participated in the **1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M)** organized by the Centre for Advanced Computational Studies, Delhi from **7<sup>th</sup> – 13<sup>th</sup> September 2023** via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. **NIKHIL AGGARWAL** on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

**Dr. Nikhil Aggarwal**

Head of the Department & Convener

**Certificate No.: 2023/DFT-M/W/1/12**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Abhishek Kumawat, Undergraduate, Indian Institute of Technology Delhi, Delhi, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/13**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Krishna Patel, Research Scholar, Indian Institute of Technology Delhi, Delhi](#)

has actively participated in the **1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M)** organized by the Centre for Advanced Computational Studies, Delhi from **7<sup>th</sup> – 13<sup>th</sup> September 2023** via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. **NIKHIL AGGARWAL** on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

**Dr. Nikhil Aggarwal**

Head of the Department & Convener

**Certificate No.: 2023/DFT-M/W/1/14**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Harekrushna Behera, Research Scholar, Indian Institute of Technology Guwahati, Assam, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/15**





# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[DIPENDU HALDER, Research Scholar, Indian Institute of Technology Guwahati, Assam, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/16**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

**IMRAN HUSSAIN, Research Scholar, Indian Institute of Technology Guwahati, Assam, India**

has actively participated in the **1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M)** organized by the Centre for Advanced Computational Studies, Delhi from **7<sup>th</sup> – 13<sup>th</sup> September 2023** via Online Mode.

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**Dr. Nikhil Aggarwal**

Head of the Department & Convener

**Certificate No.: 2023/DFT-M/W/1/17**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Pramod Gawal, Research Scholar, Indian Institute of Technology Guwahati, Assam, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/18**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[BANALATA KAIBARTA, Research Scholar, Indian Institute of Technology Guwahati, Assam, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/19**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[GOURAB NANDY, Research Scholar, Indian Institute of Technology Guwahati, Assam, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/20**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[JITENDRA NATH, Research Scholar, Indian Institute of Technology Guwahati, Assam, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/21**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[NAPHISABIANG SUN. Research Scholar, Indian Institute of Technology Guwahati, Assam, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

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[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/22**





# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Ravi Kiran Dokala, Research Scholar, Indian Institute of Technology Guwahati, Assam, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

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[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/23**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[ANKAN PRAMANIK, Research Scholar, Indian Institute of Technology Guwahati, Assam, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/24**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[PRIYAM MUKHERJEE, Research Scholar, Indian Institute of Technology Guwahati, Assam, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/25**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Shaik Ruksana, Research Scholar, Indian Institute of Technology Hyderabad, Telangana, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/26**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Surya Babu S, Research Scholar, Indian Institute of Technology Hyderabad, Telangana, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/27**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Keerthana Apparla, Research Scholar, Indian Institute of Technology Hyderabad, Telangana, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/28**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Ankit Chourasia, Research Scholar, Indian Institute of Technology Hyderabad, Telangana, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/29**





# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Sumit Kamal, Assistant Professor, Indian Institute of Technology Jodhpur, Rajasthan, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/30**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Sweta Jha, Research Scholar, Indian Institute of Technology Jodhpur, Rajasthan, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/31**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Chaitanya Gandhi, Research Scholar, Indian Institute of Technology Jodhpur, Rajasthan, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/32**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Zainab Khan, Post Graduate, Indian Institute of Technology Kanpur, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/33**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

M SAI MARUTI PRASOONA RANI, Research Scholar, Indian Institute of Technology Madras, Tamil Nadu, India has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

Dr. Nikhil Aggarwal  
Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/34**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Bratin Kumar Das, Post doctorate, Indian Institute of Technology Madras, Tamil Nadu, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/35**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Jhansi Rani M, Research Scholar, Indian Institute of Technology Madras, Tamil Nadu, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/36**





# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

Saurav Keshri, Research Scholar, Indian Institute of Technology Patna, Bihar, India

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

Dr. Nikhil Aggarwal

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/37**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Shashi Gupta, Research Scholar, Indian Institute of Technology Patna, Bihar, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/38**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Veeramani Chidambaranathan, Assistant Professor, Indian Institute of Technology Roorkee, Uttarakhand](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/39**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Surbhi Dahiya, Research Scholar, Indian Institute of Technology Roorkee, Uttarakhand, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/40**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[POONAM RANI, Post doctorate, Indian Institute of Technology Roorkee, Uttarakhand, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/41**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Mamleshwar Kumar, Research Scholar, Indian Institute of Technology Roorkee, Uttarakhand, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/42**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Rajeev Ranjan, Post Graduate, Indian Institute of Technology Roorkee, Uttarakhand, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/43**





# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Akansha Pandey, Post Graduate, Indian Institute of Technology Roorkee, Uttarakhand, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/44**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Antra Choubey, Post Graduate, Indian Institute of Technology Roorkee, Uttarakhand, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/45**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Abhishek Dharmesh, Research Scholar, Indian Institute of Technology Roorkee, Uttarakhand, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/46**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[DIKSHA VATS, Research Scholar, Indian Institute of Technology Roorkee, Uttarakhand, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/47**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Arisha Sharma, Undergraduate, Indian Institute of Technology Roorkee, Uttarakhand, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/48**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Kush Kumar, Research Scholar, Indian Institute of Technology Ropar, Punjab](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/49**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Soumyadeep Bhattacharyya, Post Graduate, National Institute of Technology Durgapur, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/50**





# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Chandan Kumar Raul, Research Scholar, National Institute of Technology Durgapur, West Bengal, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/51**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Shweta Shweta, Assistant Professor, RGIPT, Jais](#)

has actively participated in the **1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M)** organized by the Centre for Advanced Computational Studies, Delhi from **7<sup>th</sup> – 13<sup>th</sup> September 2023** via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. **NIKHIL AGGARWAL** on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

**Dr. Nikhil Aggarwal**

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/52**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Supriya Kumari, Post Graduate, SherShah College, Sasaram \(Rohtas\), V.K.S.U, Ara, Bihar](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

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[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/53**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Nitish Gupta, Professor, Shri G. S. Institute of Technology and Science, Indore, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/54**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Sourav Mazumdar, Research Scholar, University of Gourabanga, West Bengal](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/55**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[T Kedara Shivasharma, Research Scholar, Visvesvaraya National Institute of Technology, Maharashtra,](#)

[India](#) has actively participated in the **1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M)**

organized by the Centre for Advanced Computational Studies, Delhi from **7<sup>th</sup> – 13<sup>th</sup> September 2023** via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. **NIKHIL AGGARWAL** on Density Functional

Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

**Dr. Nikhil Aggarwal**

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/56**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[G Anjan Kumar, Teacher, Telangana](#)

has actively participated in the 1<sup>st</sup> **Workshop on Density Functional Theory Modelling of Materials (DFT-M)** organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> **September 2023** via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. **NIKHIL AGGARWAL** on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/57**





# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Anbumani P, Post Graduate, Sharda University, Greater Noida, Delhi](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/58**



# 1<sup>ST</sup> DFT-M

## WORKSHOP/ HANDS-ON-TRAINING ON DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS: NANOPARTICLES, THIN FILMS, UNIT CELLS USING QUANTUM ESPRESSO)

Centre for Advanced Computational Studies, New Delhi, India |<https://aimsdelhi.com>|

**DATE: 7<sup>TH</sup> SEPTEMBER – 13<sup>TH</sup> SEPTEMBER 2023**

## Certificate of Participation

This is to certify that

[Saheli Karmakar, Assistant Professor, Sathyabama Institute of Science and Technology, Tamil Nadu, India](#)

has actively participated in the 1<sup>st</sup> Workshop on Density Functional Theory Modelling of Materials (DFT-M) organized by the Centre for Advanced Computational Studies, Delhi from 7<sup>th</sup> – 13<sup>th</sup> September 2023 via Online Mode.

Hands-on-Training program included 7 Interactive Sessions by DR. NIKHIL AGGARWAL on Density Functional Theory Modelling of Materials at Nanoscale using Quantum Espresso and Burai Software applications.

[Dr. Nikhil Aggarwal](#)

Head of the Department & Convener

Certificate No.: **2023/DFT-M/W/1/59**