

# FACULTY DEVELOPMENT PROGRAM (FDP)

### **DENSITY FUNCTIONAL THEORY MODELLING OF MATERIALS**

NANOPARTICLES, THIN FILMS, UNIT CELLS (HANDS-ON-TRAINING: QUANTUM ESPRESSO)

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

**DATE: 14TH JULY - 20TH JULY 2023** 

# **Certificate of Participation**

This is to certify that

Anjana Bagga, Assistant Professor, Guru Gobind Singh Indraprastha University, New Delhi, India

has actively participated in the 1<sup>st</sup> Faculty Development Program (FDP) on Density Functional Theory Modelling of

Materials (DFT-M) organized by Centre for Advanced Computational Studies, Delhi from 14<sup>th</sup> – 20<sup>th</sup> July 2023: 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 application.

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Dr. Nikhil Aggarwal Head of the Department & Convener



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**DATE: 14TH JULY - 20TH JULY 2023** 

# Certificate of Participation

This is to certify that

Shilpi Chaudhary, Assistant Professor, Punjab Engineering College (Deemed to be University), Chandigarh

has actively participated in the 1<sup>st</sup> Faculty Development Program (FDP) on Density Functional Theory Modelling of

Materials (DFT-M) organized by Centre for Advanced Computational Studies, Delhi from 14<sup>th</sup> – 20<sup>th</sup> July 2023: Online Mode.

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Certificate No.: 2023/DFT-M-FDP/1/2



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

**DATE: 14TH JULY - 20TH JULY 2023** 

# Certificate of Participation

This is to certify that

Bharti Singh, Assistant Professor, Delhi Technological University, Delhi

has actively participated in the 1<sup>st</sup> Faculty Development Program (FDP) on Density Functional Theory Modelling of

Materials (DFT-M) organized by Centre for Advanced Computational Studies, Delhi from 14<sup>th</sup> – 20<sup>th</sup> July 2023: Online Mode.

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Dr. Nikhil Aggarwal Head of the Department & Convener



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**DATE: 14TH JULY - 20TH JULY 2023** 

# Certificate of Participation

This is to certify that

Kalisadhan Mukherjee, Assistant Professor, Pandit Deendayal Energy University, Gandhinagar, Gujarat

has actively participated in the 1<sup>st</sup> Faculty Development Program (FDP) on Density Functional Theory Modelling of

Materials (DFT-M) organized by Centre for Advanced Computational Studies, Delhi from 14<sup>th</sup> – 20<sup>th</sup> July 2023: Online Mode.

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DATE: 14TH JULY - 20TH JULY 2023

# **Certificate of Participation**

This is to certify that

Yamini Lingala, Assistant Professor, Telangana Mahila Vishwavidyalayam, Telangana

has actively participated in the 1<sup>st</sup> Faculty Development Program (FDP) on Density Functional Theory Modelling of

Materials (DFT-M) organized by Centre for Advanced Computational Studies, Delhi from 14<sup>th</sup> – 20<sup>th</sup> July 2023: Online Mode.

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

DATE: 14TH JULY - 20TH JULY 2023

# Certificate of Participation

This is to certify that

D N V V Konda Lutukurthi, Assistant Professor, IIT(ISM) Dhanbad, Jharkhand

has actively participated in the 1<sup>st</sup> Faculty Development Program (FDP) on Density Functional Theory Modelling of

Materials (DFT-M) organized by Centre for Advanced Computational Studies, Delhi from 14<sup>th</sup> – 20<sup>th</sup> July 2023: Online Mode.

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**DATE: 14TH JULY - 20TH JULY 2023** 

# Certificate of Participation

This is to certify that

Mahendra Chinthala, Assistant Professor, NIT Rourkela, India

has actively participated in the 1<sup>st</sup> Faculty Development Program (FDP) on Density Functional Theory Modelling of

Materials (DFT-M) organized by Centre for Advanced Computational Studies, Delhi from 14<sup>th</sup> – 20<sup>th</sup> July 2023: Online Mode.

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**DATE: 14TH JULY - 20TH JULY 2023** 

# Certificate of Participation

This is to certify that

Sai Pavan Prashanth Sadhu, Assistant Professor, Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram, Tamil Nadu has actively participated in the 1<sup>st</sup> Faculty Development Program (FDP) on Density Functional Theory Modelling of Materials (DFT-M) organized by Centre for Advanced Computational Studies, Delhi from 14<sup>th</sup> – 20<sup>th</sup> July 2023: 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

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Dr. Nikhil Aggarwal Head of the Department & Convener

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

DATE: 14TH JULY - 20TH JULY 2023

# **Certificate of Participation**

This is to certify that

Siva Nasarayya Chari S, Assistant Professor, University of Allahabad, Uttar Pradesh, India

has actively participated in the 1<sup>st</sup> Faculty Development Program (FDP) on Density Functional Theory Modelling of

Materials (DFT-M) organized by Centre for Advanced Computational Studies, Delhi from 14<sup>th</sup> – 20<sup>th</sup> July 2023: Online Mode.

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

**DATE:** 14<sup>TH</sup> JULY - 20<sup>TH</sup> JULY 2023

# Certificate of Participation

This is to certify that

Anu Manhas, Assistant Professor, Pandit Deendayal Energy University, Gandhinagar

has actively participated in the 1<sup>st</sup> Faculty Development Program (FDP) on Density Functional Theory Modelling of

Materials (DFT-M) organized by Centre for Advanced Computational Studies, Delhi from 14<sup>th</sup> – 20<sup>th</sup> July 2023: Online Mode.

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

DATE: 14TH JULY - 20TH JULY 2023

# Certificate of Participation

This is to certify that

Mansing Takale, Assistant Professor, Shivaji University, Maharashtra, India

has actively participated in the 1<sup>st</sup> Faculty Development Program (FDP) on Density Functional Theory Modelling of

Materials (DFT-M) organized by Centre for Advanced Computational Studies, Delhi from 14<sup>th</sup> – 20<sup>th</sup> July 2023: Online Mode.

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

**DATE: 14TH JULY - 20TH JULY 2023** 

# Certificate of Participation

This is to certify that

Dr V Nirmala, Assistant Professor, Pg And Research Department of Physics, Queen Mary's College, Chennai, Tamilnadu, India has actively participated in the 1<sup>st</sup> Faculty Development Program (FDP) on Density

Functional Theory Modelling of Materials (DFT-M) organized by Centre for Advanced Computational Studies, Delhi from

14<sup>th</sup> – 20<sup>th</sup> July 2023: 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

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DATE: 14TH JULY - 20TH JULY 2023

# **Certificate of Participation**

This is to certify that

Dr Dheeraj Kumar Singh, Assistant Professor, Thapar Institute of Engineering and Technology, Punjab

has actively participated in the 1<sup>st</sup> Faculty Development Program (FDP) on Density Functional Theory Modelling of

Materials (DFT-M) organized by Centre for Advanced Computational Studies, Delhi from 14<sup>th</sup> – 20<sup>th</sup> July 2023: Online Mode.

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

**DATE: 14TH JULY - 20TH JULY 2023** 

# Certificate of Participation

This is to certify that

Paresh Salame, Assistant Professor, Institute of Chemical Technology Mumbai, Maharashtra, India

has actively participated in the 1<sup>st</sup> Faculty Development Program (FDP) on Density Functional Theory Modelling of

Materials (DFT-M) organized by Centre for Advanced Computational Studies, Delhi from 14<sup>th</sup> – 20<sup>th</sup> July 2023: Online Mode.

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Certificate No.: 2023/DFT-M-FDP/1/14



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

**DATE: 14TH JULY - 20TH JULY 2023** 

# Certificate of Participation

This is to certify that

Mohit Garg, Assistant Professor, Birla Institute of Technology and Science Pilani, Rajasthan, India

has actively participated in the 1<sup>st</sup> Faculty Development Program (FDP) on Density Functional Theory Modelling of

Materials (DFT-M) organized by Centre for Advanced Computational Studies, Delhi from 14<sup>th</sup> – 20<sup>th</sup> July 2023: Online Mode.

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

**DATE: 14TH JULY - 20TH JULY 2023** 

# **Certificate of Participation**

This is to certify that

Sukanti Behera, Assistant Professor, MANIT Bhopal, Madhya Pradesh

has actively participated in the 1<sup>st</sup> Faculty Development Program (FDP) on Density Functional Theory Modelling of

Materials (DFT-M) organized by Centre for Advanced Computational Studies, Delhi from 14<sup>th</sup> – 20<sup>th</sup> July 2023: Online Mode.

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Dr. Nikhil Aggarwal Head of the Department & Convener



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

**DATE: 14TH JULY - 20TH JULY 2023** 

# Certificate of Participation

This is to certify that

FAKIRMOHAMMAD ATTAR, Associate Professor, Savitribai Phule Pune University, Maharashtra

has actively participated in the 1<sup>st</sup> Faculty Development Program (FDP) on Density Functional Theory Modelling of

Materials (DFT-M) organized by Centre for Advanced Computational Studies, Delhi from 14<sup>th</sup> – 20<sup>th</sup> July 2023: Online Mode.

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Certificate No.: 2023/DFT-M-FDP/1/17



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DATE: 14TH JULY - 20TH JULY 2023

# Certificate of Participation

This is to certify that

Meenu Mohil, Associate Professor, Delhi University, Delhi, India

has actively participated in the 1<sup>st</sup> Faculty Development Program (FDP) on Density Functional Theory Modelling of

Materials (DFT-M) organized by Centre for Advanced Computational Studies, Delhi from 14<sup>th</sup> – 20<sup>th</sup> July 2023: Online Mode.

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

DATE: 14TH JULY - 20TH JULY 2023

# Certificate of Participation

This is to certify that

Anusha A, Maulana Azad National Institute of Technology Bhopal, Madhya Pradesh

has actively participated in the 1<sup>st</sup> Faculty Development Program (FDP) on Density Functional Theory Modelling of

Materials (DFT-M) organized by Centre for Advanced Computational Studies, Delhi from 14<sup>th</sup> – 20<sup>th</sup> July 2023: Online Mode.

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Certificate No.: 2023/DFT-M-FDP/1/19



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

**DATE: 14TH JULY - 20TH JULY 2023** 

# **Certificate of Participation**

This is to certify that

Navya Arepalli, Andhra pradesh

has actively participated in the 1<sup>st</sup> Faculty Development Program (FDP) on Density Functional Theory Modelling of

Materials (DFT-M) organized by Centre for Advanced Computational Studies, Delhi from 14<sup>th</sup> – 20<sup>th</sup> July 2023: Online Mode.

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Dr. Nikhil Aggarwal Head of the Department & Convener



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

**DATE: 14TH JULY - 20TH JULY 2023** 

# Certificate of Participation

This is to certify that

Kishor Arora, Professor, Government P.G. College, Morena, affiliated to Jiwaji University, Madhya Pradesh

has actively participated in the 1<sup>st</sup> Faculty Development Program (FDP) on Density Functional Theory Modelling of

Materials (DFT-M) organized by Centre for Advanced Computational Studies, Delhi from 14<sup>th</sup> – 20<sup>th</sup> July 2023: Online Mode.

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DATE: 14TH JULY - 20TH JULY 2023

# Certificate of Participation

This is to certify that

Vijjulatha Manga, Professor, Mahila Viswa Vidyalayam, India

has actively participated in the 1<sup>st</sup> Faculty Development Program (FDP) on Density Functional Theory Modelling of

Materials (DFT-M) organized by Centre for Advanced Computational Studies, Delhi from 14<sup>th</sup> – 20<sup>th</sup> July 2023: Online Mode.

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Certificate No.: 2023/DFT-M-FDP/1/22



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# Certificate of Participation

This is to certify that

Meera Balachandran, Professor, Amrita Vishwa Vidyapeetham, Tamilnadu, India

has actively participated in the 1<sup>st</sup> Faculty Development Program (FDP) on Density Functional Theory Modelling of

Materials (DFT-M) organized by Centre for Advanced Computational Studies, Delhi from 14<sup>th</sup> – 20<sup>th</sup> July 2023: Online Mode.

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**DATE: 14TH JULY - 20TH JULY 2023** 

# Certificate of Participation

This is to certify that

Prof. Banasri Roy, Professor, Department of Chemical Engineering, BITS-Pilani, Pilani, Rajasthan

has actively participated in the 1<sup>st</sup> Faculty Development Program (FDP) on Density Functional Theory Modelling of

Materials (DFT-M) organized by Centre for Advanced Computational Studies, Delhi from 14<sup>th</sup> – 20<sup>th</sup> July 2023: Online Mode.

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Dr. Nikhil Aggarwal Head of the Department & Convener