

CHIEF PATRON

Prof. Rana Pratap Singh

Hon'ble Vice-Chancellor, Gautam Buddha University

PATRONS

Prof. Rajeev Varshney, Dean Academics

Prof. Chander Kumar Singh, Registrar and Dean of the School

ADVISORY CHAIRPERSON

Dr Mausumi Pohit, Head, Applied Physics

ORGANIZING SECRETARY

Dr. Vivek Kumar Shukla (Coordinator)

CO-COORDINATOR

Dr Ashish Kumar Keshari

COORDINATORS FROM NITTTR

Dr. Ashok Kumar and Dr. Pankaj Sharma

ORGANISING COMMITTEE

Dr Manmohan Singh, Dr Bhawana Joshi, Dr Venus Dillu, Dr Jaya Maitra, Dr Rajesh Gupta, Dr Upma Singh, Dr Vidushi Sharma, Dr Rajesh Mishra, Dr Anurag Singh Baghel, Dr Priyanka Goyal, Dr Satpal Sharma, Dr H. C. Thakur, Dr Dharamvir Mangal, Dr M A Ansari, Dr Omveer Singh, Dr Vimlesh Kumar Ray, Dr Asha Pandey, Dr Nitin Sonkar, Dr Bhaswati Banerjee, Dr Sanjeev Saxena, Dr Komal, Dr Jyoti Singh, Dr Ruchi Bhati, Dr Sudhisht Kumar

OBJECTIVES

- To understand the fundamentals and advancements in Energy Materials and Devices (Battery, Supercapacitors, Solar cell, Detectors).

- To update about recent advancements in materials and technologies for energy production and storage.
- To encourage faculty members and researcher in contributing for sustainability through education and research.

TOPICS TO BE COVERED

- Energy Conversion and Storage Materials and Devices Introduction to Primary and Rechargeable battery
- Electrochemistry in Energy storage devices
- Li, Na and other ions Battery Technologies
- Supercapacitors (EDLC, Pseudo, Hybrid)
- Synthesis of Gel Electrolytes and Separators
- Biological energy materials (like Biological cellulose)
- Hydrogen Energy
- Biomass energy & Conversion

ABOUT THE DEPARTMENT

The Department of Applied Physics under University School of Vocational Studies and Applied Sciences offers B.Sc., M.Sc. & Ph.D. Key areas of research include Materials science, Energy conversion and storage materials & devices, Nanotechnology, Quantum technologies, and Photonics. With state-of-the-art laboratories and experienced faculty, the department foster innovations and prepare students for careers in academia and industry through national and international collaborations.

ELIGIBILITY, REGISTRATION FEE & CERTIFICATE

Faculty/professionals from Government and Private institutions. Ph.D. / M. Tech. students may also apply. All Sessions will be delivered by the experts in relevant area in contact mode. Participants are requested to ensure that they have not applied to another course offered by NITTTR CHANDIGARH during the same period.

Registration fee: Rs. 590/- (Rs. 500/- +18% GST)

NOTE: For getting certificate, the participants are required to register and pay registration fee on NITTTR portal by **1st September 2026 (5 PM)**.

Registration link: <https://fdp.nitttrchd.ac.in/backingup/>

One Week Faculty Development Programme on Materials and Devices for Energy Applications

7-11 September, 2026

jointly organized by



**Gautam Buddha University
(Govt. of Uttar Pradesh)
Greater Noida, G. B. Nagar**

&

National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh, India

Venue:

Auditorium, GBU



**Department of Applied Physics,
University School of Vocational Studies and
Applied Sciences,
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Contacts:

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One Week Faculty Development Programme (FDP/ STC) on Materials and Devices for Energy Applications, 7-11 September, 2026. Co-organized and sponsored by NITTTR Chandigarh.

Venue: Gautam Buddha University, Gr Noida, Physical mode

Eligibility: Faculty / Researchers / Technical staff/ Professionals from Govt. / Private institute (AICTE approved)

Fee: Rs 590/- (500 + 18% taxes) Includes 5 days lunch, Two times Tea/snacks (For faculty / Technical staff)

Fee submission will be online through NITTTR portal (after registration).

Certificate from NITTTR Chandigarh (One week FDP/STC) will be issued online after completion of registration and fee payment (after completion of event)

Registration (important) – One had to keep ready upload your institute ID/ any other proof (Size – Max. 30 KB) and Passport size photograph (30 KB)

[If you don't have institute ID, then download Application form under STC Applied menu in the left panel, print it, get it duly signed by your HoD/concerned officer. Upload the signed Application form under upload institute ID menu in the left panel. (No other ID like Aadhaar card etc... need to be submitted.)]

Instructions for registration:

1. Click on the registration link <https://share.google/P6DMRWVzRHVTn9bLp>,

You will be redirected to NITTTR, Chandigarh portal.

2. Click on "Register here" and create your account. After registration, participants: a) can Manage/Update their profile. b) Apply for Training Programme) View all the Trainings they have applied and attended.

3. Verify mobile no through OTP on your email.

4. After login, participant has to click on Apply for STC menu in the left panel.

5. Select the Department – "Applied Science" and Mode- "contact mode" to search the Course.

6. After submission, find the HBAS-2 (Materials and Devices for Energy Applications) in the "List of Short Term Courses to be conducted by Applied Science Department" and click on Apply.

7. Important - Please remember that during apply for STC, select "YES" your institute is approved by AICTE.

8. Confirmation to the participants will be sent by the programme coordinator by email.

9. All confirmed participants must Join FDP/STC at 9:30 am on 7 September, 2026 at the venue GBU).

10. After successful completion of the course, participants can download Completion certificate of Short Term Courses/Faculty Development Programmes.

For queries:

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