

### DECLARATION:

The information furnished above is true to the best of my knowledge. I agree to abide by the rules and regulations governing the course. If selected, I shall attend the course definitely for the entire duration. I also undertake the responsibility to inform the Director, UGC - Malaviya Mission Teacher Training Centre, JNTUH, sufficiently in advance (at least one week), in case I am unable to attend the Course.

Place:

Date:

Signature of the Applicant

Name:

### SPONSORSHIP CERTIFICATE

Certified that ----- is a regular employee of our institution since-----, and is hereby sponsored for the Refresher Course on “Recent Advancements in Materials Physics and Chemistry”, at UGC- Malaviya Mission Teacher Training Centre, JNT University Hyderabad during the period 09-06-2025 to 23-06-2025. From the year ----- our College is affiliated to ----- -- University which is approved by the UGC. Our Colleges is ----- (Included /Not Included) under 2(f) & 12(b) of UGC act. He/She will be permitted to attend the course without fail, if selected.

Signature of the Registrar/  
Principal/Director with Seal

Place:

Date:

### Venue:

UGC - Malaviya Mission Teacher Training Centre, JNT University Hyderabad, Kukatpally, Hyderabad -500085

### Important Dates:

Last date for Submission of Application : 05-06-2025  
Intimation of Selection to the Candidates through e- mail/web  
Confirmation by Participants by email : 06-06-2025  
Course Commencement : 09-06-2025  
23-06-2025

**Note:** Participants are requested to look into website regularly for Selection List and for any other important information. Even if the hard copy of the selection letter is not received by the selected participant, web information can be producing the relieving letter from the concerned authorities.

### Address for all Correspondence:

**Dr. M. Sushama**

Professor, Dept. of EEE & Director (i/c),  
UGC-Malaviya Mission Teacher Training Centre,  
JNTUH, Kukatpally, Hyderabad – 500 085  
Telangana

Contact us: 8008103814

(All working days from 10.30 am to 5.00 pm only)

Mail us: [directorhrdcjntuh@jntuh.ac.in](mailto:directorhrdcjntuh@jntuh.ac.in)

Visit us: [www.jntuhhrdc.in](http://www.jntuhhrdc.in)



## Refresher Course on “Recent Advancements in Materials Physics and Chemistry”

(Offline Mode)

(09-06-2025 to 23-06-2025)

Sponsored by  
UNIVERSITY GRANTS COMMISSION  
**CHIEF PATRON**



**Prof. T. Kishen Kumar Reddy**  
Hon'ble Vice-Chancellor,  
JNTUH, Hyderabad, T.G.

**PATRON**

**PATRON**



**Dr. K. Vijaya Kumar Reddy**  
Rector, JNTUH  
Hyderabad, T.G.



**Dr. K. Venkateswara Rao**  
Registrar, JNTUH  
Hyderabad, T.G.

**CONVENER**

**COORDINATOR**



**Dr. M. Sushama**  
Director (i/c), UGC MMTTC  
JNTUH, Hyderabad, T.G.



**Dr. K. Vijaya Kumar**  
Professor of Physics &  
Head (i/c), JNTUH UCES &  
BoS Chairperson in Physics,  
JNTUH, Hyderabad, T.G.

### Introduction:

The UGC-Malaviya Mission Teacher Training Centre (formerly known as UGC-HRDC), Jawaharlal Nehru Technological University Hyderabad, was established in the year 2000 and sponsored by University Grants Commission, New Delhi. The UGC MMTTC organizes Orientation Programmes, Faculty Induction Programmes, Refresher Courses, Short Term Courses, NEP Orientation & Sensitization Programme and Workshops on thrust areas for in-service teachers and also for newly appointed teaching faculty on a regular basis, to update the knowledge and skills in their respective fields.

### About the Refresher Course:

- Enhance their awareness about the latest research trends of Physics, Chemistry in the area of Materials Science through expert lectures, exchanging their experience with their peers and learn mutually from each other.
- Strengthen their knowledge, techniques and confidence in their area of research to move further
- Choose an advanced field of research to continue further with their possibilities and resources available.
- Give an opportunity for serving teachers to keep themselves abreast of the latest advances in various fields of Materials Science.

### Eligibility:

- The faculty members from the departments of Physics, Chemistry and Mechanical engineering, working in Universities and Colleges and related disciplines working in Universities and Colleges.
- The faculty members have to be sponsored by the concerned Principal of the College/Head of the Institution for considering the participation in the Programme.

During the current academic year 2025-26, a Refresher Course on “Recent Advancements in Materials Physics and Chemistry” is proposed to be organized during 09-06-2025 to 23-06-2025, in the campus of JNT University Hyderabad. The number of participants is limited to maximum of 40, and the selection will be based on the priority of ‘first-come first-serve’.

### How to Apply:

- The faculty members desirous of attending the programme are requested to register their details through online mode at <https://jntuhhrdc.in/delegate-registration> on or before the last date.
- The filled-in application form duly signed by the participant and forwarded by the head of the institution should be submitted to the Director, UGC-MMTTC, JNTUH, on the day of program commencement i.e., on 09-06-2025
- **Confirmation by Participants:**
- Confirmation by Participants is a must, as per the date specified overleaf. If the confirmed number of participants is less than 30, the course may be re-scheduled.

### Registration Fee:

**NO REGISTRATION FEE**

### Main Subject Contents:

- **Synthesis Techniques**
- **Nanoferrites**
- **Nanopolymers**
- **Nanocomposites**
- **Functional Materials**
- **Energy Materials**
- **Structural Properties**
- **Optical Properties**
- **Electrical Properties**
- **Magnetic Properties**
- **Mechanical Properties**

Certificate will be issued to the participants on successful completion of the course.

### Faculty:

- Resource persons are drawn from different Universities, Institutions, IITs and R&D establishments.

### APPLICATION FORM

#### Refresher Course on “Recent Advancements in Materials Physics and Chemistry” (Offline Mode)

1. Name: .....
2. Date of Birth & Age: .....
3. Gender (M/F): .....
4. Qualifications: .....
5. Category: SC/ST/OBC/Any other
6. Teaching Experience: .....
7. a) Designation:  
b) Department:  
c) Pay Scale & Present Basic:
8. a) Institution:
9. Whether your University/College is included under 2(f) 7 12 (B) of UGC act: Yes/No
10. Address for Communication:  
.....  
.....
11. College Address:  
.....  
.....
12. Phones No.:  
(O)..... (R) .....
- Mobile No: ..... Fax: .....
- E-Mail ID: .....
13. Online Registration No. & date:  
.....
14. Nearest Railway Station: .....
15. Previous Participants in UGC-MMTTC, Orientation & Refresher Courses:

S. No	Course Title	Date	Place