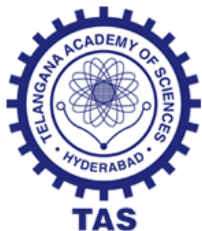


MAHATMA GANDHI
INSTITUTE OF TECHNOLOGY (Autonomous)

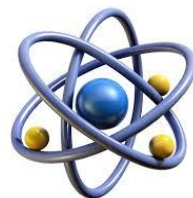
Kokapet(Village), Gandipet, Hyderabad, Telangana – 500075. www.mgit.ac.in



MOTIVATE
INNOVATE
EMPOWER
29 YEARS



Department of Physics & Chemistry, MGIT
in Collaboration with
Telangana Academy of Sciences



One Day Workshop on
**Materials Characterization Tools (XRD & SEM)
and Simulation Through DFT**

August 29th 2026 (in Hybrid Mode)

Topics Covered

- XRD Basics: Rietveld Refinement
- Scanning Electron Microscopy:
Energy Dispersive Spectroscopy (EDS)
- Density Functional Theory (DFT)

- ❖ Registration Fee: 200/-
- ❖ Working lunch is provided for all the participants
- ❖ Target Audience: Faculty, Research Scholars and PG Students

Chief Patron

Shri. J. Pratap Reddy, Secretary, MGIT

Patrons

Prof. G. ChandraMohan Reddy, Principal, MGIT

Prof. K. Sudhakar Reddy, Vice Principal, MGIT

Coordinators

1. Dr. G. Srinivas Reddy (9908581771)
2. Mr. S. K. C. Acharyulu (9866393698)

Co-Coordinators

1. Dr. Archana Jain
2. Dr. Pardhu Yella

Organizing Committee

1. Prof. A.K. Singh (Chairman)
2. Dr. M. RaviChandar
3. Dr. B. Venugopal Rao, HoD
3. Mr. N. Venkateswara Reddy
4. Dr. P Uma Reddy
5. Mr. V. Krishna Rao
6. Mr. V. Raju
7. Dr. Ch. Srinivasu
8. Dr. A. Shilpa
9. Dr. B. Srinivasa Reddy
10. Dr. G. Kumaraswamy
11. Dr. Nabanita Pal
12. Dr. Monami Das Modak
13. Dr. M. Ramesh
14. Dr. Asheesh Kumar, MCT
15. Dr. G. Rakesh Kumar, MCT
16. Dr. M. VijayaLakshmi, MME

