

TEQIP-III SPONSORED

**ONE DAY NATIONAL WORKSHOP
ON**

**Recent Trends in Engineering Materials
(RTEM -2020)"**

07th August 2020

**ORGANIZED BY
DEPARTMENT OF APPLIED SCIENCE**



MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE

**(A GOVT. AIDED UGC AUTONOMOUS & NAAC ACCREDITED
INSTITUTE, ESTABLISHED IN 1957)
GWALIOR, M.P. Pincode-474005**

Patron:

Dr. R. K. Pandit
Director, MITS, Gwalior

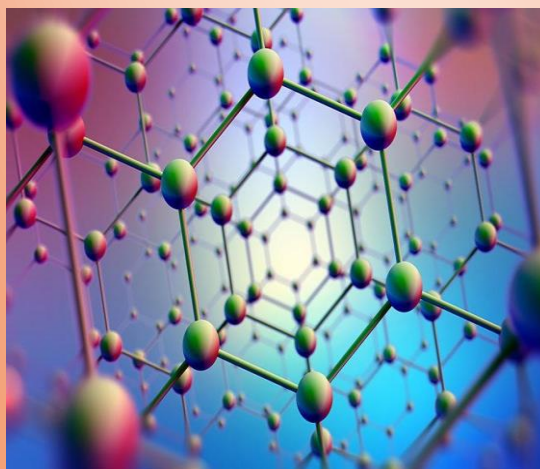
Head of the Department

Dr. V.P. Shinde
Professor
Department of Applied Science

Coordinators:

Dr. Anjula Gaur
Assistant Professor
Department of Applied Science
9425187478(M)

Dr. Hansnath Tiwari
Assistant Professor
Department of Applied Science
8838408132 (M)



Organizing Committee:

Dr. Abhay Mishra, Professor

Dr. D. K. Jain, Professor

Dr. S. Bhattacharya, Assistant Professor

Dr. Prachi Sharma, Assistant Professor

Prof. J. K. Muthale, Assistant Professor

Prof. Deobrat Singh, Assistant Professor

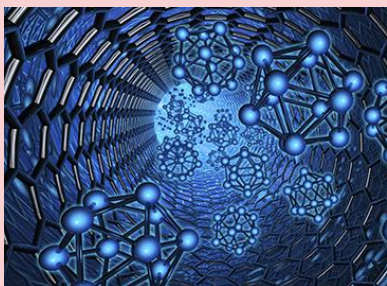
Prof. Angad S. Ojha, Assistant Professor



PREAMBLE

The development of any country basically depends on the ability of their self-dependence in various domains. The technological development is one of the important factors which are dependent on the developments and finding of the novelties in engineering materials (EMs). The Omni presence of EMs in the scientific and industrial community has drawn ample attention and henceforth, today is considered as one of the most opportune domains for discussion. It, therefore becomes vital to understand the formation of EMs, properties and their application in the field of science and technologies. The study of engineering materials (EMs) has apparently great significance in considering the middle- and long-term future prospects in global perspective. The EMs has a wide application in the various technological fields such as Nano-technology, Nano-sensors, Quantum dots, Li-ion batteries and white light emitting diodes (WLEDs). The developments and synthesis of the EMs contributes in the building of a sustainable society.

Henceforth, the One Day National Workshop on “**Recent Trends in Engineering Materials - 2020 (RTEM - 2020)**” organized by the **Department of Applied Science, MITS Gwalior (under TEQIP-III Scheme)** with the objective of providing a platform where academia will be familiarized with the application and importance of engineering materials. It will provide a platform to share the development and novelties in recent developing world.



Source of Image - Google

COURSE CONTENT

The topics of discussion will be diverse and cover broad areas such as:

- **Molecular Materials for Light Emitting Diodes**
- **Novel Synthesis Routes of Nonmaterial's and their Applications.**

RESOURCE PERSONS

1. **Dr. V. Siva Kumar, Associate Professor
Department of Chemistry, NIT Raurkela.**
2. **Dr. Gajanan Pandey, Prof. and Head,
Department of Chemistry, BBAU, Lucknow.**

Note:

- Mode of Conduction will be Online through e-lectures by experts
- No. of participants is restricted to **75** based on early registration basis
- e-Certificates will be provided to all participants

Expected Participants from Engineering Colleges.

Link for registration:

<https://forms.gle/k7Y7mf3ociB8fCkR8>

For further queries, please mail us at:

rtem.mits2020@gmail.com

ABOUT MITS

Madhav Institute of Technology and Science (MITS), Gwalior was established by his Highness Late Shri Jiwaji Rai Scindia, Maharaja of Erstwhile State of Gwalior, with an aim to create world class quality engineer's and technocrats capable of providing leadership in all spheres of life and society. Founded as Madhav Engineering College in 1957 with three UG programs, this temple of learning is now about 60 years old. Since its inception, the institute has constantly strived for excellence and quality in technical education. Today, the institute offers nine UG programs along with research programs leading to Master's and Ph.D. degree in various specializations of engineering and technology. All the departments of the institute have well equipped laboratories and experienced faculties. The institute is a minor QIP centre of AICTE for Ph.D. program in five disciplines. The institute is also funded by World Bank under TEQIP phase III to strengthen the quality of technical education.

LOCATION

Gwalior city has major road and rail connectivity as it is situated on the central railway and connected to major cities by highways. The Institute is located on Agra-Bombay Road (NH-3) and is approximately 320 KM from Delhi. The institute is located in the heart of city and is at a distance of about 2 km from Gwalior Bus Stand/Gwalior Railway Station.