

MRGI AT A GLANCE

Situated away from raucous sounds of Hyderabad city, MRGI epitomizes technocracy at its best. Being one of the largest campuses in Telangana, MRGI promises eventful students'-oriented learning. The founder chairman Sri.Ch. Malla Reddy Garu began the journey as an educationalist to form the bridge between society, industry and academics. He is an unassuming dynamic leader with a keen interest in changing trends of higher education and students' employability in India. The diverse and enormous growth of the group unravels his realistic vision to cater to the needs of students in all areas of education. Education at MRGI brings all round and holistic development in students.

ABOUT MRCE

Malla Reddy College of Engineering formerly CM Engineering College has been established under the aegis of the Malla Reddy Group of Institutions, a majestic empire, founded by Sri. CH. Malla Reddy garu . He has been in the field of education for the last 23 years with the intention of spearheading quality education among children from the school level itself. It is the largest cluster of technical institutions in the state of Telangana, with the student strength of 20,000 and staff strength of 2000.

ABOUT THE DEPARTMENT

Department of Mechanical Engineering played a leading role in evolving the "Engineering Science" based curriculum. Mechanical Engineering is of great importance in most contemporary technologies. Mechanical engineers work with machines and engines, from elevator technology to Robotics. Students can focus on areas such as heat transfer and fracture mechanics.

Examples include Aerospace, Power generation and Conversion, fluid machinery, design and construction of mechanical systems, transportation, manufacturing, production, biomechanics and others. This wide range of applications is reflected in the three main stems of undergraduate curriculum thermal and fluid systems, mechanics and materials, and robotics and control systems.

ABOUT STTP

The main objective of the STTP is to help and build an understanding of how to use and where to apply these concepts with practical examples.

OBJECTIVE

- The objective of the STTP is to introduce fundamentals concepts of selection of Nano materials in energy harvesting and storage
- This training program focuses on the selection of materials by using emerging trends in Nano Technology
- This program also emphasize on various materials for smart fabrics

COURSE CONTENT

- Introduction to Nano Technology
- Roll of Materials in Nano Technology
- Key Features and Challenges
- Synthesis of Nano Materials
- Characterization of Nano materials
- Energy applications in Nano materials
- Energy harvesting methods
- Hydrogenators, photo voltaic cells
- Piezo electric methods and nano generators
- Energy storage for Harvesting Techniques.
- Key applications for energy storage

AICTE SPONSORED Six days STTP on

“SELECTION OF NANO MATERIALS FOR ENERGY HARVESTING AND STORAGE”

REGISTRATION FORM

Full Name:
Designation:
Institution/ Company:
Address:
.....
Contact Numbers:
Mobile:
E-Mail:

Date:.....

DECLARATION:

I declare that all the details furnished above are true to the best of my knowledge and I agree to abide by the rules and regulations governing the conduct of AICTE-

Date: **Signature of the Applicant**
Place:

SPONSORSHIP CERTIFICATE:

Mr/Ms/Dr _____ is a faculty member / an employee of our Institution / Organization and is hereby sponsored by us. He/ She will be permitted to attend the course, if selected.

Signature with seal of
Head of the Institution/organization

CHIEF PATRON:

Sri. Ch. Malla Reddy Garu

Founder Chairman, MRGI

Minister of Labour,

Employment, Women and Child

Development, Government of

Telangana.

PATRONS:

Sri.Ch.Mahender Reddy

Secretary, MRGI

Dr.Ch.Bhadra Reddy

Chairman, MRGI

ORGANIZING CHAIR

Dr. M.S Reddy,

Principal, MRCE

ORGANIZING COMMITTEE:

Dr T.V.Reddy ,
Vice Principal, MRCE

Dr.T. Sunil., Professor of CSE &
Dean (Academics)

Dr.V. Bhoopathy, Professor of CSE &
Dean (Placements)

Dr.J.Gladson, Professor of CSE & Dean (R & D)

Dr. M.Narayanan, Professor of CSE & CoE,

CONVENOR

Dr. K. VIJAY KUMAR,
Associate Professor & Head

COORDINATOR(s)

Mr.B..Vinod Kumar Reddy, ASP of MECH

Mr.V..Srinu, ASP of MECH

RESOURCE PERSONS

Qualified and experienced resource persons from industries & Technical Institutions (IITs,NITs, JNTUH, OU) will conduct the sessions.

ELIGIBILITY

Faculty and Researchers from AICTE approved Engineering Colleges, Research Scholars and participants from Industries and R&D organization are also eligible to attend the program

REGISTRATION

No Registration fees

All the participants are kindly requested to register for this STTP through the **following link**

HOW TO APPLY

Fill google form:

<https://forms.gle/c9LAyxueRzXPynXu5>

Click & Join the WhatsApp Group

<https://chat.whatsapp.com/16d0QShUuby4S6MSECxvuQ>

IMPORTANT DATES & TIME

Last date for receipt of Registration Form:
17.03.21 @3.30 PM

Session Time:(OFF LINE)

10.00 to 1.00 (FN)

2.00 to 4.00(AN)

ADDRESS FOR COMMUNICATION

Organizing

AICTE Sponsored Six days STTP on

“SELECTION OF NANO MATERIALS FOR ENERGY HARVESTING AND STORAGE”

Department of MECHANICAL
Malla Reddy College of Engineering,
Near Kompally, Secundrabad-500014.

PH:9676567565, 888511101,8074916064

E-Mail: principal@mrce.in



**AICTE SPONSORED
SIX DAYS
SHORT TERM TRAINING
PROGRAM(STTP)**

on

**“SELECTION OF NANO
MATERIALS FOR ENERGY
HARVESTING AND STORAGE”**

23.3.2021 & 30.03.2021

Organized by

**DEPARTMENT OF MECHANICAL
ENGINEERING**



**MALLA REDDY COLLEGE
OF ENGINEERING
(MRCE)**

**Maisammaguda, Dhulapally,
(Post via Hakeempet),
Near Kompally, Secundrabad-500014.**

