



JAYAMUKHI INSTITUTE OF TECHNOLOGICAL SCIENCES

UGC - AUTONOMOUS

Permanently Affiliated to JNTUH, Accredited by NBA, Recognised Under UGC 2 (f) & 12 (b)

NARSAMPET, WARANGAL - 506332

Name of the Programme

6. Advancements in
Manufacturing &
Optimization Techniques

Organizing Committee

Chief Patron:

Sri Ch. Narsimha Reddy – President

Patron:

Sri Ch. Devender Reddy – Secretary

Sri T.V.R.N Reddy – Joint Secretary

Principal

Dr. M. Lokanadha Rao

Director

Prof. P. Rangaiah

Convenor

Mr. M. Jawahar, Associate Professor,
Head, Mechanical Engineering.

Mobile: +91 7569839692

Coordinators

Mr. M. Srikanth,

Assistant Professor, MED.

Mobile: +91 8801984555

Mr. Md. Shafath Ali Nawaz

Assistant Professor, MED.

Faculty Advisor, SAEINDIAJCC.

Mobile: +91 9182126692

Email: mechfdp2020@gmail.com

Resource Persons

Dr. Somashekar. S. Hiremath
Associate Professor, IIT – Madras.

Dr. Adepu Kumar
Professor, NIT – Warangal.

Dr. Ch. Sridhar Reddy
Professor, JNTU – Manthani.

Dr. P. Ravinder Reddy
Professor, CBIT - Hyd.

Dr. K. Eswaraiiah
Professor, KITS – Warangal.

NOTE: NO REGISTRATION FEE

For Registration please click the link below

<https://forms.gle/3PTfnKPq7EMpnrzp7>

After Registration please join in any one of the following WhatsApp Group (please don't join in multiple groups)

Group - 1

<https://chat.whatsapp.com/ImhnCUQ6AGl3V6Mi9MmYPz>

Group - 2

<https://chat.whatsapp.com/JHkqvaA4QRyLo5LIYyCQT2>

Group - 3

<https://chat.whatsapp.com/IKWXF18rEPFEChz4zUiiTe>

JAYAMUKHI

INSTITUTE OF TECHNOLOGICAL SCIENCES

...Producing World Class Engineers since 2001

Permanently Affiliated to JNTUH

Autonomous, Accredited by NBA

Recognized by UGC under 2(f) & 12(b)



Department of Mechanical
Engineering

Organizes

ONE WEEK

FACULTY DEVELOPMENT PROGRAM

On

Advancements in
Manufacturing &
Optimization Techniques

22nd – 26th June 2020



ABOUT THE PROGRAM

Manufacturing industry is the backbone of any modern economy, with the globalization of the world economy India is emerging as one of the key manufacturing hubs and there is considerable demand from industry for meeting the Global challenges. This FDP will help to create awareness and deeper understanding of recent advances in smart manufacturing among the faculty and researchers working in various disciplines of engineering and sciences. It will also help the participants to understand and apply smart manufacturing technologies through several case studies and real life examples. The major aim of the programme is to explore the newest and advanced machining solutions, challenges and to create awareness about the present status of manufacturing engineering and to highlight the research being carried out and promote further research in these areas of manufacturing process design and optimization techniques.

Platform: **Meetings will be conducted by the GoToMeeting app**



ABOUT THE DEPARTMENT

Department of Mechanical Engineering has set vision "To be a premier department for education in Mechanical Engineering in state of Telangana, moulding students into professional engineers". The department imparts state of the art education and encourages cutting edge research. It offers UG & PG programs. Well equipped Laboratories have been facilitated for the students. The institute has well qualified and experienced faculty. Apart from central library the department is providing library facilities to the students with huge amount of volumes and number of national and international journals. Our students are active members of SAEINDIA since many years and club actively participates in all the events organized by it. To improve the interaction and make the students close to the society, we plan activities and social events under NSS Programmes.

ELIGIBILITY:

All the Academicians/ Industrialist/ Research Scholar/ Engineers from industry and any engineering stream having interest in manufacturing related subject are eligible to apply.

ABOUT JAYAMUKHI

Jayamukhi Institute of Technological Sciences Sponsored by Jayamukhi Education Society, established in 2001 to provide quality and contemporary education with social relevance in the engineering faculty with an ultimate vision to maintain global standards in higher learning and research. The institute has been approved by AICTE and recognized by the Government of Telangana. It is permanently affiliated to Jawaharlal Nehru Technological University (JNTU), Hyderabad, attained UGC Autonomous Status and accredited by NBA. The institute has come upon 40 acres of green pastures at Narsampet about 40km away from the historic city of Warangal and presents a picturesque and panoramic view. Jayamukhi offers a four-year B.Tech Programme in discipline of CSE, ECE, EEE, ME, & CE and P.G. Programmes like M.Tech & MBA.

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- Registration Fee: **Free**

 - Last date of registration: **21st June 2020**

 - E-Certificate of participation will be provided on successful completion.

 - Timing of e-FDP: **11:00AM to 12:30PM**
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JAYAMUKHI

INSTITUTE OF TECHNOLOGICAL SCIENCES

(UGC Autonomous) Accredited by NBA, Permanent Affiliated to JNTU, NARSAMPET WARANGAL 506322

Day-1

Department Of Mechanical Engineering

Present

ONE WEEK FACULTY DEVELOPMENT PROGRAMME

on
ADVANCEMENTS IN MANUFACTURING AND
OPTIMISATION TECHNIQUES



Speaker :

**Dr. Somashekar S.
Hiremath**

**Associate Professor
IIT Madras**

Convenor :

M.Jawahar

**Head
Dept of Mech Engg**

Patron :



**Sri.TVRN Reddy
Joint Secretary**



**Dr.M.Lokanadha Rao
Principal**



**Prof.P.Rangaiah
Director**

**Technical Talk
ON**

**Role Of Miniaturization and
Nano-Particle Generation Using
Mechanical Micro - Machining
Technique**

**22 June 2020
11am**

Join US!

 **GoToMeeting**

Coordinator's :

**M.Srikiran
Md.Shafath Ali Nawaz**

Hearty Welcome to

ONE WEEK ONLINE INTERNATIONAL FACULTY DEVELOPMENT PROGRAMME

**"Advancements in Manufacturing
and Optimisation Techniques (AMOT -2020)"**

Organised by

MECHANICAL ENGINEERING

Session Timings:

11:00 am to 12:30 pm

FDP

starts on
22nd to 26th
June 2020
at 11am



Jayamukhi Institute of Technological Sciences

NARSAMAPET

Jayamukhi Institute of Technological Sciences

AUTONOMOUS, Affiliated to JNTUH
Narsampet, Warangal (R) -506332 (T.S), INDIA.

Department of Mechanical Engineering

One Week Online Faculty Development Programme on

ADVANCEMENTS IN MANUFACTURING AND OPTIMIZATION TECHNIQUES

22nd - 26th June 2020

PROGRAMME SCHEDULE

DATE	11.00 AM - 12.30 PM	
22 nd June, 2020	Inauguration	'Role of Miniaturization and Nano-particle Generation Using Mechanical Micro – Machining Techniques' by Dr.Somashekar.S.Hiremath, IIT Madras
23 rd June, 2020		'Practical Approach to FEA in Design & Manufacturing Techniques' by Dr. P.Ravinder Reddy, CBIT - Hyd
24 th June, 2020		'Optimization Techniques used in Manufacturing Processes' by Dr.A. Kumar, NIT Warangal
25 th June, 2020		'Optimization of EDM Process Parameters Using Genetic Algorithm Techniques' by Dr. K. Eswaraiiah , KITS Warangal
26 th June, 2020	'Optimization with ANSYS Workbench' by Dr.Ch. Sridhar Reddy ,JNTU Manthani	Valedictory



JAYAMUKHI

INSTITUTE OF TECHNOLOGICAL SCIENCES

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Department of **MECHANICAL ENGINEERING**

Presents

ONE WEEK FACULTY DEVELOPMENT PROGRAMME

on

**ADVANCEMENTS IN MANUFACTURING
AND OPTIMISATION TECHNIQUES**

Patron :



Joint secretary
Sri.TVRN Reddy



Principal
Dr.M.Lokanadha Rao



Director
Prof.P.Rangaiah

Speakers :



Dr. Somashekar S. Hiremath
Associate Professor
IIT Madras

Role of Miniaturization and Nano-Particle Generation Using
Mechanical Micro - Machining Techniques

22 June
11am

23 June
11am

Dr. P. Ravinder Reddy
Professor, CBIT
Hyderabad

Practical Approach to FEA in Design & Manufacturing Techniques



Dr. A. Kumar
Professor
NIT Warangal

Optimization Techniques used in Manufacturing
Processes

24 June
11am

25 June
11am

Dr. K. Eswaraiiah
Professor, KITS-wgl

Optimization of EDM Process Parameters Using Genetic
Algorithm Techniques



Dr. Ch. Sridhar Reddy
Professor, JNTU Manthani

Optimization with ANSYS Workbench

26 June
11am

Convenor :

M. JAWAHAR

HEAD, Dept of Mechanical
Engg

Coordinator's :

M. SRIKIRAN

Assistant Professor
Dept of
Mechanical Engg

Md Shafath Ali Nawaz

Assistant Professor
Dept of
Mechanical Engg



Estd:2001

JAYAMUKHI INSTITUTE OF TECHNOLOGICAL SCIENCES

(UGC-AUTONOMOUS) Accredited by NBA, Permanently Affiliated to JNTU, Hyderabad
Narsampet, Warangal (R) - 506 322.

SAEINDIA
JAYAMUKHI COLLEGIATE CLUB

**A National Level One Week Online Faculty Development Programme on
"ADVANCEMENTS IN MANUFACTURING AND OPTIMIZATION TECHNIQUES"**

Certificate of Participation

This is to certify that

Ms.SUCHARITHA ERRABELLI

of

Jayamukhi Institute of technological sciences

has successfully participated in National Level One Week Online Faculty Development Programme (FDP) on **"ADVANCEMENTS IN MANUFACTURING AND OPTIMIZATION TECHNIQUES" (AMOT-2020)** during 22 - 26 June, 2020, Organized by the Department of Mechanical Engineering, Jayamukhi Institute of Technological Sciences, Narsampet, Warangal, Telangana.

Mr.M.Jawahar
CONVENER

Prof.P.Rangaiah
DIRECTOR

Dr.M.Lokanadha Rao
PRINCIPAL