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 15. 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: +917569839692

Coordinators

Mr. M. Srikiran,

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. Eswaraiah

Professor, KITS - Warangal.

NOTE: NO REGISTRATION FEE

For Registration please click the link below

https://forms.gle/3PTfnKPg7EMpnrzp7

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/ImhnCUQ6A Gl3V6Mi9MmYPz

Group - 2

https://chat.whatsapp.com/JHkqvaA4QR vLo5LIYvCQT2

Group - 3

https://chat.whatsapp.com/IKWXFl8rEP FEChz4zUiiTe

JAYAMUKHI INSTITUTE OF TECHNOLOGICAL SCIENCE

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 apply and 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 optimization and 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 fouryear B.Tech Programme in discipline of CSE, ECE, EEE, ME, & CE and P.G. Programmes like M.Tech & MBA.

- Registration Fee: Free
- Last date of registration: 21" June 2020
- E-Certificate of participation will be provided on successful completion.
- Timing of e-FDP: 11:00AM to 12:30PM



YAMUKH

Day-1

(USC Autonomous) Accredited by NBA, Permanent Affiliated to JNTU, NARSAMPET WARANGAL 506322 Department Of Mechanical Engineering

ONE WEEK FACULTY DEVELOPMENT PROGRAMME

ADVANCEMENTS IN MANUFACTURING AND **OPTIMISATION TECHNIQUES**



Patron:



Dr.M.Lokanadha Rao Principal



Director

Speaker:

Dr. Somashekar S. Hiremath

Associate Professor IIT Madras

Convenor:

M.Jawahar Head Dept of Mech Engg **Technical Talk** ON

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

22 June 2020 11am





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

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 Gene Micro – Machining Techniqu Dr.Somashekar.S.Hiremath, HT	es' by
23 rd June, 2020	'Practical Approach to FEA in Design & Manufacturing Techniques' by Dr. P.Ravinder Reddy, CBIT - Hyd		
24th June, 2020	'Optimization Techniques used in Manufacturing Processes' by Dr.A. Kumar, NIT Warangal		
25th June, 2020	'Optimization of EDM Process Parameters Using Genetic Algorithm Techniques' by Dr. K. Eswaraiah , 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

Patron: ADVANCEMENTS IN MANUFACTURING AND OPTIMISATION TECHNIQUES



Joint secretary Sri.TVRN Reddy



Principal Dr.M.Lokanadha Rao



22 June

11am

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

23 June 11am Dr. P. Ravinder Reddy Professor, CBIT Hyderabad



Practical Approach to FEA in Design & Manufacturing Techniques



Dr. A. Kumar Professor NIT Warangal

24 June 11am

Optimization Techniques used in Manufacturing
Processes

25 June 11am Dr. K. Eswaraiah Professor, KITS-wgl



Optimization of EDM Process Parameters Using Genetic Algorithm Techniques



Dr. Ch. Sridhar Reddy Professor, JNTU Manthani

26 June 11am

Optimization with ANSYS Workbench

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

JAYAMUKHI INSTITUTE OF TECHNOLOGICAL SCIENCES

U.G.C AUTONOUMOUS

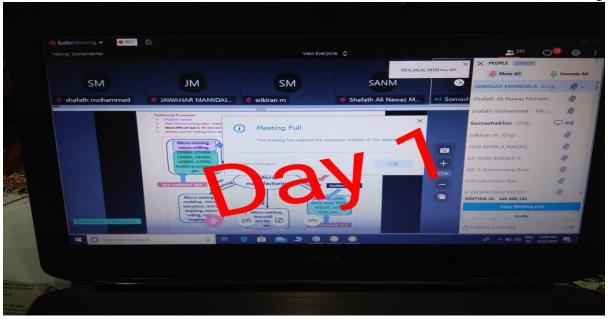
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Department of Mechanical Engineering

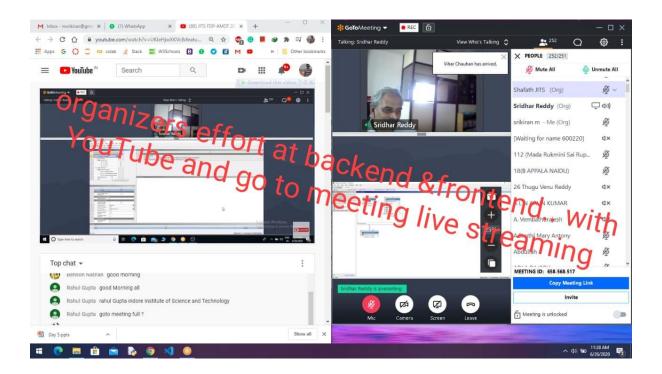
One Week Faculty Development Programme

on

"ADVANCEMENTS IN MANUFACTURING & OPTIMIZATIONTECHNIQUES"









JAYAMUKHI INSTITUTE OF TECHNOLOGICAL SCIENCES

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Day-3

Department Of Mechanical Engineering

ONE WEEK FACULTY DEVELOPMENT PROGRAMME

ADVANCEMENTS IN MANUFACTURING AND OPTIMISATION TECHNIQUES



Patron:



Dr.M.Lokanadha Rao



Principal

Prof.P.Rangaiah Director

Technical Talk

ON

Dr. A. Kumar
Professor
NIT
Warangal

Optimization Techniques used in Manufacturing Processes

24 June 2020 11am

Join US!



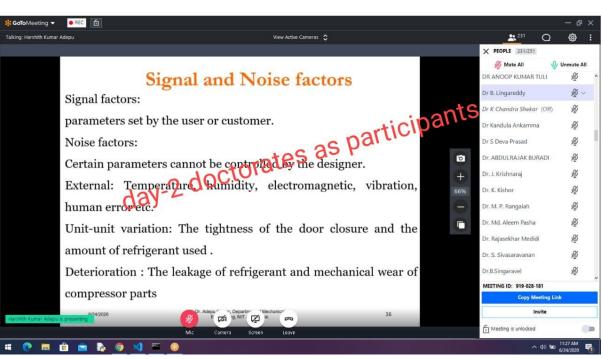
Coordinator's : M.Srikiran Md.Shafath Ali Nawaz

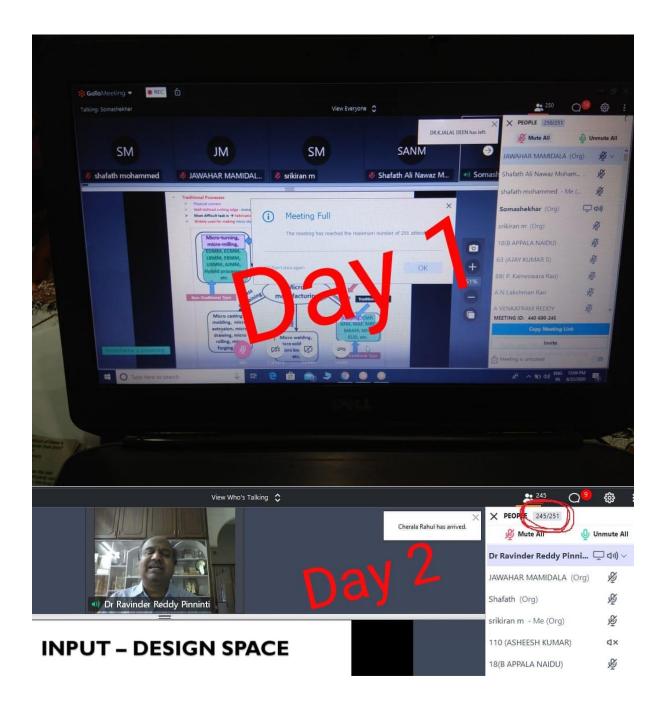
Convenor: M.Jawahar

Speaker:

Head Dept of Mech Engg











Professor, JNTU Manthani

M.Jawahar

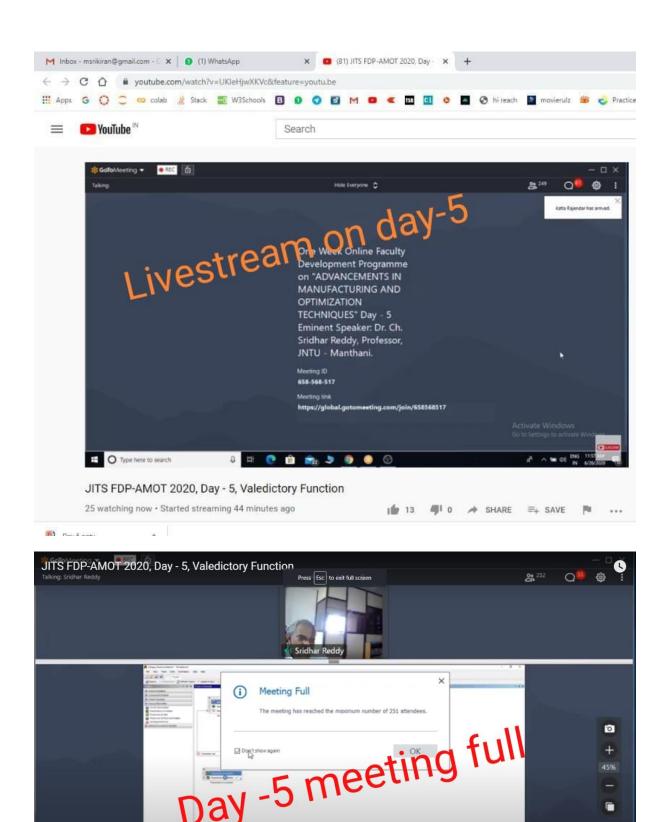
Convenor:

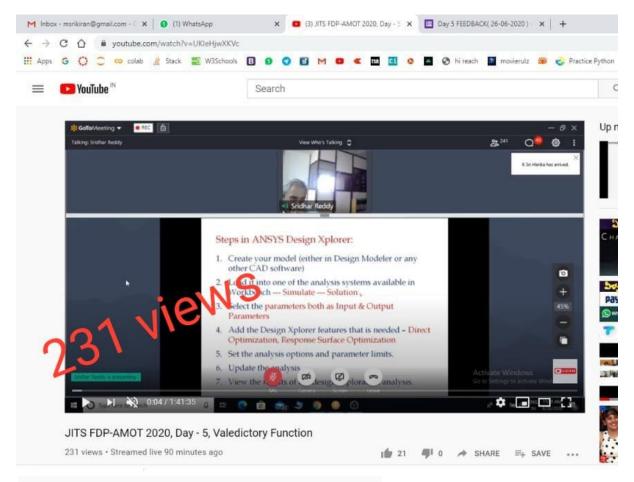
Head Dept of Mech Engg

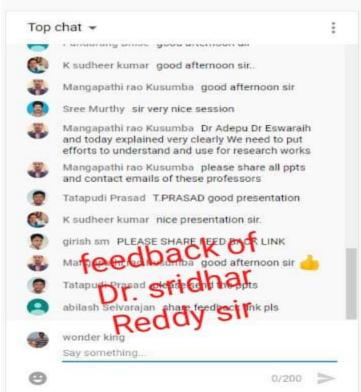
Join US!

GoToMeeting

Coordinator's: M.Srikiran Md.Shafath Ali Nawaz









JAYAMUKHI INSTITUTE OF TECHNOLOGICAL SCIENCES

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Day-4

Department Of Mechanical Engineering

resent

ONE WEEK FACULTY DEVELOPMENT PROGRAMME

ADVANCEMENTS IN MANUFACTURING AND OPTIMISATION TECHNIQUES



Patron:



Sri.TVRN Reddy Joint Secretary



Dr.M.Lokanadha Rao Principal



Prof.P.Rangaiah Director

Technical Talk

ON

Optimization of EDM Process
Parameters Using Genetic

Algorithm Techniques

25 June 2020

11am

Speaker:

Dr. K. Eswaraiah

Professor KITS Warangal

Convenor:

M.Jawahar Head Dept of Mech Engg Join US!



Coordinator's : M.Srikiran Md.Shafath Ali Nawaz



JAYAMUKHI INSTITUTE OF TECHNOLOGICAL SCIENCES JAYAMUKHI COLLEGIATE CLUB



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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

Jayamukhi Institute of technological sciences

has successfully partcipated 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