



Sri Vasavi Engineering College (Autonomous)

(Sponsored by Sri Vasavi Educational Society)

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

(Accredited by NBA & NAAC with 'A' Grade, Recognized by UGC Under Section 2(f) & 12(B))

Pedatadepalli, Tadepalligudem, W.G.Dt, A.P-534101

DEPARTMENT OF MECHANICAL ENGINEERING

AY :: 2020-21

Faculty Development Programme (FDP)

S.No	Date	Title	No of Participants
1.	10 th to 14 th August, 2020	Five days online FDP on “Advanced Manufacturing Systems”	25
2.	01st to 06th June 2020	Six days online FDP on “Advanced Research Challenges in Material Science”	25

HoD - ME

Head of the Department
Mechanical Engineering
Sri Vasavi Engineering College
TADEPALLIGUDEM-534 101



Sri Vasavi Engineering College (Autonomous)

(Sponsored by Sri Vasavi Educational Society)

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)
(Accredited by NBA & NAAC with 'A' Grade, Recognized by UGC Under Section 2(f) & 12(B))

Pedatadepalli, Tadepalligudem, W.G.Dt, A.P-534101

Department of Mechanical Engineering

Date: 04.08.2020

To

Dr. Thella Babu Rao,
Assistant Professor,
Mechanical Engineering Department,
National Institute of Technology Andhra Pradesh,
Tadepalligudem – 534 101
Andhra Pradesh (INDIA).

Respected sir,

Sub : Invitation letter to resource person for online Faculty Development Programme in
Mechanical Engineering department – Reg.

In view of COVID-19 pandemic, we are planning to organize a Five day online faculty development programme on “**Advanced Manufacturing Systems**” scheduled from 10th - 14th August, 2020 in the Department of Mechanical Engineering of Sri Vasavi Engineering College, Tadepalligudem. We are pleased to invite you as resource person to deliver one hour session on topic of your interest in the related area. Your experience and knowledge in this area would add a great value to this programme and of great benefit for the faculty members. Your co-operation in this direction will highly encourage us and make the event a grand success, an honour for us indeed. We look forward to a positive confirmation of date and time.

Thanking you in advance,

Yours sincerely

(Dr. M.V Ramesh)

HOD-ME

ABOUT COLLEGE

"Sri Vasavi Engineering College" is established in the year 2001 by "Sri Vasavi Educational Society" with a desire to share the responsibilities of the society for the development of quality Technical Education. The college is situated at Pedatadepalli, a peaceful and pollution-free location, 5 km away from the main town Tadepalligudem, West Godavari District. The town is well known as the commercial hub of Coastal Andhra Pradesh and is well connected by road (NH16) and rail (Chennai to Kolkata). The college has a sprawling campus of 25.02 acres surrounded by green fields and coconut groves. The college, shaping its students into disciplined young citizens of good character and culture lays emphasis on practical experience so as to enable them industry ready. The college is recognized by AICTE and permanently affiliated to JNTU Kakinada and also recognized by UGC under section 2(f) & 12(B). The College got UGC Autonomous in the year 2018. The college offers UG, PG and Diploma Programs in Engineering (EEE, ECE, CSE, ME & CE, CST and ECT) along with MBA. The college is accredited by NAAC with "A" Grade. UG Programs offered by the departments of EEE, ME, ECE & CSE are accredited by NBA.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering is established in the year 2010 with an intake of 60 students and enhanced to 120 in 2012. The graduate program in Mechanical Engineering is intended to develop individual initiative, creativity, talent, leadership and the capability to develop, follow and adopt new technologies in the field of Mechanical Engineering. The department strives hard to impart quality education and to keep the students on the competitive edge of the present-day technology. M.Tech programme with specialization in Machine design was started in the year 2013 with an intake of 18 students.

OBJECTIVES OF THE FDP

- To provide an understanding of the advanced manufacturing strategies.
- To familiarize the participants with the optimization techniques.
- To highlight the failure modes in Advanced Materials.

Chief Patrons

Sri. G. Satyanarayana, President

Sri.Ch.V.V. Subba Rao, Secretary & Correspondent

Sri. Ch. Apparao, Director - Technical

Chairman

Dr. GVNSR Ratnakara Rao, Principal

Convener

Dr. M. V. Ramesh, Professor & HOD-ME

Coordinators

1. Mr. D.V.N Prabhakar, Asst. Professor, ME

2. Mr. K.C. Vyasa Krishnaji, Asst. Professor, ME

Mail to:

ams.10to14aug.svecmech@gmail.com

Organizing Committee

1. Mr. KSBSVS Sastry, Assoc. Professor, ME

2. Mr. K Sri Rama Murthy, Sr. Asst. Professor, ME

3. Mr. S. Chandra Sekhar, Asst. Professor, ME

Registration Link:

<https://forms.gle/PguCfg6E1MTgeNYY6>

Telegram Group:

<https://t.me/joinchat/M7i8M1f2fzb9q6fZi8u5gA>

Registration Fee: No Registration Fee

The number of participants is limited to 200.

Requirements:

Zoom Online Tool or a smart phone with Zoom App installed.

Note:

E-participation certificate will be issued subject to the completion of online assessment test and feedback at the end of each session.

Five Day Online Faculty Development Program On **ADVANCED MANUFACTURING SYSTEMS**

10th to 14th August 2020



ORGANIZED BY

Department of Mechanical Engineering
(Accredited by NBA)



Sri Vasavi Engineering College (Autonomous)

Tadepalligudem, West Godavari District - 534101

(Approved by AICTE and affiliated to JNTUK Kakinada, AP)

(Accredited by NBA – UG in EEE, ECE, CSE & ME and NAAC with 'A' Grade)

www.srivasaviengg.ac.in

Five Day Online Faculty Development Program
On
ADVANCED MANUFACTURING SYSTEMS
10th to 14th August 2020

Tentative Schedule

Date & Day	TIMINGS	TOPIC
10.08.2020 (MONDAY)	11:00 AM – 11:10 AM	Inaugural Function
	11:10 AM – 12:30 PM	“Bio-Inspired Hybrid Optimization Techniques for Manufacturing Applications” by Dr. Thella Babu Rao, Assistant Professor, Mechanical Engineering Department, National Institute of Technology Andhra Pradesh, Tadepalligudem.
11.08.2020 (TUESDAY)	11:00 AM – 12:30 PM	"Environmentally Friendly Manufacturing" By Dr. Manikandan Natarajan, Associate Professor, Department of Mechanical Engineering, Sree Vidyanikethan Engineering College, Tirupati.
12.08.2020 (WEDNESDAY)	11:00 AM – 12:30 PM	“Fatigue and Damage Tolerance of Polymer Composite Materials” by Sri S.S. Subramanya Sastry, Director Projects, Renprotech Solutions Pvt.Ltd, Bangalore.
13.08.2020 (THURSDAY)	11:00 AM – 12:30 PM	“Sustainable Manufacturing “ by Dr. A.S.S. Balan, Assistant Professor, Department of Mechanical Engineering, National Institute of Technology Karnataka, Surathkal, Mangaluru.
14.08.2020 (FRIDAY)	3:30 AM – 4:45 PM	“New Pleasing View of Advanced Manufacturing for Industrial Applications ” by Dr. Ranjeet Kumar Sahu, Assistant Professor, Department of Mechanical Engineering, National Institute of Technology Karnataka, Surathkal, Mangaluru.
	4:45 PM – 5:00 PM	Valedictory Function

Outcomes: After completion of FDP, The participants will be able to:

- Understand Advanced and Sustainable / Environmentally friendly manufacturing.
- Apply optimization techniques to Manufacturing Applications.
- Analyze failures in Composite Materials.

SRI VASAVI ENGINEERING COLLEGE (AUTONOMOUS) TADEPALLIGUDEM



Five Day Online Faculty
Development Program On

ADVANCED MANUFACTURING SYSTEMS

10th to 14th August 2020

ORGANIZED BY
Department of
Mechanical Engineering
(Accredited by NBA)

BIO-INSPIRED HYBRID OPTIMIZATION TECHNIQUES FOR MANUFACTURING APPLICATIONS

10.08.2020 (MONDAY) & 11.00-12.00PM

DR. T. BABU RAO
ASSISTANT PROFESSOR, NIT AP



ENVIRONMENTALLY FRIENDLY MANUFACTURING

11.08.2020 (TUESDAY) & 11.00-12.00PM

DR. MANIKANDAN NATARAJAN
ASSOCIATE PROFESSOR,
SRI VIDYANIKETHAN ENGINEERING COLLEGE, TIRUPATI

FATIGUE AND DAMAGE TOLERANCE OF POLYMER COMPOSITE MATERIALS

12.08.2020 (WEDNESDAY) & 11.00-12.00PM

MR. S.S. SUBRAMANYA SASTRY
DIRECTOR PROJECTS,
RENPROTECH SOLUTIONS PVT.LTD, BANGALORE



SUSTAINABLE MANUFACTURING

13.08.2020 (THURSDAY) & 11.00-12.00PM

DR. A.S.S. BALAN
ASSISTANT PROFESSOR,
NIT SURATHKAL

NEW PLEASING VIEW OF ADVANCED MANUFACTURING FOR INDUSTRIAL APPLICATIONS

14.08.2020 (FRIDAY) & 3.30-4.30PM

DR. RANJEET KUMAR SAHU
ASSISTANT PROFESSOR, NIT SURATHKAL



Registration link:

<https://forms.gle/PguCfG6E1MTgeNYY6>

Telegram group link:

<https://t.me/joinchat/M7i8M1f2fzb9q6fZi8u5gA>



Convener:

Dr. M. V. Ramesh
Professor and HOD of ME, SVEC

Co-Ordinators:

1. Mr. D. V. N. Prabhakar
Assistant Professor, ME, SVEC
2. Mr. K. C. Vyasa Krishnaji
Assistant Professor, ME, SVEC

Contact No's: 7013290220, 8919310179

Email ID: ams.10to14aug.svecmech@gmail.com

ABOUT COLLEGE

"Sri Vasavi Engineering College" is established in the year 2001 by "Sri Vasavi Educational Society" with a desire to share the responsibilities of the society for the development of quality Technical Education. The college is situated at Pedatadepalli, a peaceful and pollution-free location, 5 km away from the main town Tadepalligudem, West Godavari District. The town is well known as the commercial hub of Coastal Andhra Pradesh and is well connected by road (NH16) and rail (Chennai to Kolkata). The college has a sprawling campus of 25.02 acres surrounded by green fields and coconut groves. The college, shaping its students into disciplined young citizens of good character and culture lays emphasis on practical experience so as to enable them industry ready. The college is recognized by AICTE and permanently affiliated to JNTU Kakinada and also recognized by UGC under section 2(f) & 12(B). The College got UGC Autonomous in the year 2018. The college offers UG, PG and Diploma Programs in Engineering (EEE, ECE, CSE, ME & CE, CST and ECT) along with MBA. The college is accredited by NAAC with "A" Grade. UG Programs offered by the departments of EEE, ME, ECE & CSE are accredited by NBA.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering is established in the year 2010 with an intake of 60 students and enhanced to 120 in 2012. The graduate program in Mechanical Engineering is intended to develop individual initiative, creativity, talent, leadership and the capability to develop, follow and adopt new technologies in the field of Mechanical Engineering. The department strives hard to impart quality education and to keep the students on the competitive edge of the present-day technology. M.Tech programme with specialization in Machine design was started in the year 2013.

Chief Patrons

Sri. G. Satyanarayana, President
Sri. Ch.V.V. Subba Rao, Secretary & Correspondent
Sri. Ch. Apparao, Director - Technical

Chairman

Dr. GVNSR Ratnakara Rao, Principal

Convener

Dr. M. V. Ramesh, Professor & HOD-ME

Coordinators

1. Mr. V. Sarath Teja, Asst. Professor, ME
 2. Mr. N. Krishna Chaitanya, Asst. Professor, ME
- Mail ID.: fdpsvecme2020@gmail.com**

Organizing Committee

1. Mr. KSBSVS Sastry, Assoc. Professor, ME
2. Dr. K Ramesh Reddy, Assoc. Professor, ME
3. Mr. T. Obulesu, Asst. Professor, ME

Registration Link:

<https://forms.gle/wh4UoUDWYH3bdQ2g8>

Registration Fee: No Registration Fee

The number of participants are limited to 200.

Requirements:

GoToMeeting Online Tool or a smart phone with GoToMeeting App installed.

Note:

E-participation certificate will be issued subject to the completion of online assessment test and feedback at the end of each session.

One Week Online Faculty Development Program On **ADVANCED RESEARCH CHALLENGES IN MATERIAL SCIENCE**

01st to 06th June 2020



ORGANIZED BY

Department of Mechanical Engineering
(Accredited by NBA)



Sri Vasavi Engineering College (Autonomous)

Tadepalligudem, West Godavari District - 534101
(Approved by AICTE and affiliated to JNTUK Kakinada, AP)
(Accredited by NBA – UG in EEE, ECE, CSE & ME and NAAC with 'A' Grade)

www.srivasaviengg.ac.in

One Week Online Faculty Development Program
On
ADVANCED RESEARCH CHALLENGES IN MATERIAL SCIENCE
01st to 06th June 2020

Tentative Schedule

Date & Day	TIMINGS	TOPIC
01.06.2020 (MONDAY)	11:00 AM – 11:10 AM	Inaugural Function
	11:10 AM – 12:30 PM	“Weldability studies of Nickel alloys” by Dr. Harinadh Vemanaboina, Associate Professor in Mechanical Engineering, Sri Venkateswara College of Engineering & Technology (Autonomous), Chittoor.
02.06.2020 (TUESDAY)	11:00 AM – 12:30 PM	"Numerical And Experimental Analysis Of Friction Stir Welding" By Dr. Anil Kumar Deepati, Sr. Assistant Professor, Jazan University, Jizan, Kingdom Of Saudi Arabia.
03.06.2020 (WEDNESDAY)	11:00 AM – 12:30 PM	“Composites: An Overview” by Dr. K. Chandra Shekar, Professor of Mechanical Engineering and Principal, Vignan's Institute of Management and Technology for Women, Ghatkesar, Hyderabad.
04.06.2020 (THURSDAY)	11:00 AM – 12:30 PM	“Finite element modeling of metal forming processes” by Dr. Perumalla Janaki Ramulu, Director of R & D, Associate Professor, Dept. of Mechanical Engineering, School of Mechanical, Materials and Chemical Engineering, Adama Science and Technology University, Adama, Ethiopia.
05.06.2020 (FRIDAY)	11:00 AM – 12:30 PM	“Research Perspectives in Surface Engineering” by Dr.S.Sathish, Asso. Prof & Head, Department of Mechanical Engineering, Aalim Muhammed Salegh College of Engineering, Avadi IAF, Muthapudupet, Chennai.
06.06.2020 (SATURDAY)	11:00 AM – 12:15 PM	“Mechanical characterization of materials through indentation” by Dr. B.Sridhar Babu, Professor & Dean of IIIC , CMR Institute Of Technology, Hyderabad
	12:15 PM – 12:30 PM	Valedictory Function

Outcomes: After completion of FDP, The participants will be able to:

- Understand the concepts of different materials including composites.
- Interpret different welding characteristics of materials.
- Discuss various research challenges in material science.

Sl.No.	Details of Resource person	Topic
1.	Dr. PERUMALLA JANAKI RAMULU Director of R&D, Associate professor, Department of Mechanical Engineering, School of Mechanical, Materials and Chemical Engineering, Adama Science and Technology University, Adama, Ethiopia. Personal E-mail:srirama309@gmail.com/ Institutional E-mail: perumalla.janaki@astu.edu.et +251-962101275 (Ethiopia)	Finite Element modeling of metal forming process
2.	Dr. ANIL KUMAR DEEPATI Sr. Assistant Professor, CAIT, Jazan University, Jizan, Kingdom of Saudi Arabia. Email: adeepati@jazanu.edu.sa +966500648537	Numerical and Experimental Analysis of Friction Stir Welding
3.	Dr. B.SRIDHAR BABU Professor & Dean of IIC, CMR INSTITUTE OF TECHNOLOGY, HYDERABAD. Contact: 9247969234,8008557614. E- Mail ID:bsridhar7777@ gmail.com bsridhar7777@cmritonline.ac.in	Mechanical Characterization of Materials through Indentation
4.	Dr. K. CHANDRA SHEKAR Professor of Mechanical Engineering and Principal, Vignan's Institute of Management and Technology for Women, Ghatkesar, Hyderabad - 501301, Telangana, India Mobile No: +91-9849505037 E-mail: kschandra2003@gmail.com kcs_chandra2003@yahoo.co.in	Composites : An overview
5.	Dr. HARINADH VEMANABOINA Associate Professor , Mechanical Engineering, Sri Venkateswara College of Engineering & Technology (Autonomous), Chittoor, Andhra Pradesh, Phone: +91- 8555869687 Email: harinadh.vh@gmail.com	Weldability studies of Nickel alloys
6.	Dr.S.SATHISH Asso.Prof& Head Department of Mechanical Engineering, AalimMuhammedSalegh College of Enginerring, Avadi IAF, Muthapudupet Chennai-600055 Tamilnadu Mail : s.sathish@aalimec.ac.in	Research Perspectives in Surface Engineering