



SRI VENKATESWARA
COLLEGE OF ENGINEERING AND TECHNOLOGY
Thirupachur-631203, Tiruvallur TK & DT
Approved by AICTE New Delhi & Affiliated to Anna University, Chennai
(A Telugu Minority Institution)

ACADEMIC YEAR
2019-2020



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Faculty Development Program on Advanced Material Processing And Characterisation

REGISTRATION FORM

Name :
Designation :
Department :
Institution :
Experience :
Mobile No. :
Email :

DECLARATION

The Information Provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the Faculty Development Program. If selected, I shall attend the program for the entire duration.

Date _____ Signature of the Participant

BONAFIDE CERTIFICATE

Mr./Mrs _____ is an employee of our institution and permitted to attend the FDP, if selected.

Date _____ Signature of the Head of the Institution

REGISTRATION PROCESS:

Registration for the FDP can be done using the attached form or photo copy of the form. The completed form duly signed by Head of the Institution should be sent by post to the Coordinator or the scanned copy of the same can be mailed to fdp.mech@svcet.com.

Registration link:

<https://forms.gle/ks6fXfXbDv1V3HuU9>

- No Registration fees.
- Total number of participants is limited to Thirty-Five only.
- Participants will be selected on first come first served basis.
- Selected candidates will be intimated by e-mail. Confirmation of participation is to be made by email.
- No TA/DA will be paid
- Participation certificates will be issued to the candidates who attend the program in full, by the institutions.

Topics to be covered

- Lasers in Manufacturing
- Advances in Metal Forming
- Machining - Macro, Micro, Nano
- Material Characterization Techniques
- Advanced Materials Testing Methods
- Art of Living: Work-Life balance.



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FACULTY DEVELOPMENT PROGRAM ON "ADVANCED MATERIAL PROCESSING AND CHARACTERISATION"

21.01.2020-25.01.2020



ORGANISED BY
THE DEPARTMENT OF
MECHANICAL ENGINEERING

ABOUT THE COLLEGE

Sri Venkateswara College of Engineering and Technology (SV CET) is an engineering college located in Thirupachur, Tiruvallur, a district adjacent to Chennai city (formerly Madras), in Southern India.

The college was established in 1999 with AICTE approval and started functioning in 2000.

Sri Venkateswara College of Educational and Cultural trust which runs this college is committed to provide quality education in building the future of today's youth. In the era of globalization, working environment has become highly competitive and challenging.

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A Fine Arts Club at the college aims at developing the student's talents in music, drama, drawing, writing and elocution.

Eligible students can avail scholarship facilities offered by both the Government of India and the Government of Tamil Nadu. Beside these, the college management may also offer financial supporting deserving cases.

ABOUT DEPARTMENT

Mechanical engineers research, design, develop, manufacture, and test tools, engines, machines, and other mechanical devices. Mechanical engineering is one of the broadest engineering disciplines. Engineers in this discipline work on power-producing machines such as electric generators, internal combustion engines, and steam and gas turbines. They also work on power-using machines such as refrigeration and air-conditioning equipment, machine tools, material-handling systems, elevators and escalators, industrial production equipment, and robots used in manufacturing. Some mechanical engineers design tools that other engineers need for their work.

ABOUT FDP PROGRAM

Focuses on new and advanced methods of manufacturing and materials processing with traditional methods described in light of the new approaches.

Maximizes reader understanding of the fundamentals of how materials change, what transport processes are involved, and how these can be simulated and optimized - concepts not covered elsewhere.

Introduces new materials and applications in manufacturing and summarizes traditional processing methods, such as heat treatment, extrusion, casting, injection molding, and bonding, to show how they have evolved and how they could be used for meeting the challenges that we face today.

TARGET AUDIENCE

Faculty members of Mechanical Engineering department of Anna university affiliated colleges.

RESOURCE PERSONS

Resource persons from reputed Academic institutions and industries will deliver the sessions and handles the practical sessions.

ORGANISING COMMITTEE

Chair:

Dr. S. K. Purushothaman, Chairman,
Sri Venkateswara College of Engineering & Technology
Mr. G. Sreekanth, Secretary,
Sri Venkateswara College of Engineering & Technology

Patrons:

Dr. S. Palani, Principal
Sri Venkateswara College of Engineering & Technology

CO-ORDINATORS:

Mr. M. Vinoth, Assistant Professor / Mech
Mr. M. Venkatesh Mani, Assistant Professor / Mech

Important Dates

Submission of Application : 16.01.2020
Intimation of selection : 17.01.2020
Confirmation by Participants : 20.01.2020

Contact Details :

Mr. P. G. Baskar, Coordinator
Mail id : fdp.mech@svcet.com.



PRINCIPAL
Sri Venkateswara College of
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Academic year : 2019 - 2020									
NAME	Faculty Development Program on "Advanced Material Processing and Characterisation"								
DATE OF ACTIVITY/EVENT	21.01.2020-25.01.2020								
VENUE	N-Block Conference Hall, SVCET- Thirupachur, Thiruvallur.								
ACTIVITY / EVENT OBJECTIVES	<ol style="list-style-type: none"> 1.The Faculty Development Programme (FDP) intends to provide opportunities for induction training to teachers employed in disciplines Engineering & Technology 2.The scheme is designed to enhance the teaching and other skills of the faculty. 3.To make them aware about modern teaching tools and methodologies. 								
DESCRIPTION OF THE EVENT	<ul style="list-style-type: none"> ● Introduction to Advanced Materials ● Lasers in Manufacturing ● Machining – Macro, Micro, Nano ● Material Characterization Techniques · Advanced Materials Testing Methods · Art of Living: Work-Life balance 								
OUTCOMES OF THE EVENT	<ul style="list-style-type: none"> ● These activities will provide the participants an exposure to the state-of-the-art techniques used worldwide in the area of functional materials and Material Science. ● This will also provide a platform for the participants to interact with the leading scientists and technologists and benefit from their vast experience in the area. 								
EVENT COORDINATOR	Mr.P.G.Bhaskar, Coordinator								
ORGANISED BY	Department of Electronics and Communication Engineering								
NUMBER OF PARTICIPANTS	28								
PHOTO	<p>BROCHURE:</p>								
<p>FEEDBACK</p> <table border="1"> <thead> <tr> <th>1 (Poor)</th> <th>2 (Average)</th> <th>3 (Good)</th> <th>4 (Excellent)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">6</td> <td style="text-align: center;">9</td> <td style="text-align: center;">6</td> </tr> </tbody> </table>		1 (Poor)	2 (Average)	3 (Good)	4 (Excellent)	4	6	9	6
1 (Poor)	2 (Average)	3 (Good)	4 (Excellent)						
4	6	9	6						
Signature of the coordinator/convenor									



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TRAINING PROGRAMME ON MS EXCEL

Date : 05.05.2020 - 09.05.2020

Speakers

Ms.D.Jamuna rani /S & H/ SVCET

Mrs.Surekha raj / CSE / SVCET

Dr.P.G.BHASKAR
HOD MECH
ORGANISING SECRETARY

Dr.J.Venkatesh
PRINCIPAL
ORGANISING CHAIRPERSON




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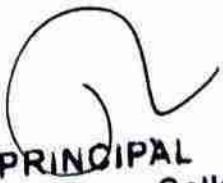
NAME	Training programme on MS-EXCEL for Non-Teaching Staff
DATE OF ACTIVITY/EVENT	05.05.2020-09.05.2020
VENUE	F-Function Hall , SVCET- Thirupachur, Thiruvallur.
ACTIVITY / EVENT OBJECTIVES	<ul style="list-style-type: none"> To learn how to use the most common and useful tools in the software, rather than carrying out tasks manually in this useful training programme. This will save you time and make you more efficient. This Microsoft Excel evening course covers the functionality of MS Excel that's most requested by employers, including data analysis, allowing you to make the most of this common.
DESCRIPTION OF THE EVENT	<ul style="list-style-type: none"> To create, modify, and manage Excel workbooks To use formulas, functions and work with tables To use conditional formatting and styles To create pivot tables and charts To import and export data Become a certified Microsoft Office Specialist (MOS) Expert in Excel
OUTCOMES OF THE EVENT	<ol style="list-style-type: none"> Prepare data - Use Power Query to clean and transform data Essential functions - Use essential array functions to make unique list and sort, filter, and transpose data; create geographical maps Text functions – Manipulate strings to help work with names, addresses, customer lists, or any other text-based data
EVENT COORDINATOR	Dr.P.G.Bhaskar, Coordinator
ORGANISED BY	Department of Science & Humanities(S&H)
NUMBER OF PARTICIPANTS	30
PHOTO	BROCHURE:
	

FEEDBACK

1 (Poor)	2 (Average)	3 (Good)	4 (Excellent)
4	9	8	9

Signature of the coordinator/convenor




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