



PVKK INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi, Affiliated to JNTUA, Anantapuramu.
(Established under Sri Balaji Educational Society, Anantapuramu)

Department of Mechanical Engineering

CIRCULAR

Date: 24-02-2023

Department of ME in association with Take off Edu Group, Tirupathi, is organizing a one-week Faculty Development Program on "Thermal Systems and Energy Efficiency" during 04-03-2023 to 08-03-2023. To register for this FDP contact convener-Dr.L.Balasubramanyam, Phone Number-8886630025. Limited Seats Available for the Program and the selection is based on First Come First Serve basis.

Resource Persons/ Speakers:

Name of the Person	Designation
Dr. J. Kanna Kumar	HoD Cum Associate Professor, Dr.K.V.SubbaReddy Institute of Technology, Kurnool

Venue: ME Department Seminar Hall, PVKKIT.

Timings: 9:30 A.M to 1:00 P.M

1.00.PM to 2.00 PM -Lunch Break

2:00 P.M to 4:30 P.M

Copy to:

1. The Principal,
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3. Class in - Charges
4. Dept. File
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Department of Mechanical Engineering

Report on Faculty Development Program

Academic Year	2022-23	Venue	ME Department Seminar Hall, PVKKIT
Name of the Course	One Week FDP on "Thermal Systems and Energy Efficiency" in Association with Take off Edu Group, Tirupathi.	Duration	One week
Trainer	Dr. J. Kanna Kumar HoD Cum Associate Professor, Dr.K.V.SubbaReddy Institute of Technology, Kurnool	Date	04-03-2023 to 08-03-2023
Faculty Co-Ordinator 1	Ms. C. Triveni	Time	FN-9:30AM to 1:00PM AN-2:00PM to 4:30PM
Faculty Co-Ordinator 2	Mr. S. Jithendra Naik	Total Sessions/Total Hours	30 Hours
Convener	Mr. L. Balasubramnayam		

Aim of the programme:

The aim of a Faculty Development Program (FDP) focused on Thermal Systems and Energy Efficiency typically involves enhancing the knowledge, skills, and expertise of faculty members and researchers in the field of thermal systems and energy conservation.

The main objectives of this FDP are:

- Provide participants with a comprehensive understanding of thermal systems, energy efficiency principles, and emerging technologies in the field. This includes topics such as

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heat transfer, thermodynamics, energy conservation techniques, renewable energy systems, and sustainable energy practices.

- Encourage participants to engage in research activities related to thermal systems and energy efficiency. This might involve exploring new technologies, methodologies, and materials that enhance energy efficiency in various applications.
- Offer practical training sessions, workshops, and demonstrations to give participants hands-on experience with energy-efficient technologies and tools. This could include software simulations, lab experiments, and field visits to relevant industries or energy-efficient buildings.
- Assist participants in integrating the latest advancements in thermal systems and energy efficiency into the curriculum. This involves updating existing courses or designing new ones that align with industry requirements and technological developments.
- Encourage collaboration between participants from different disciplines. Thermal systems and energy efficiency are interdisciplinary fields that can benefit from inputs from mechanical engineering, electrical engineering, environmental science, and other related domains.

Indicative Topics:

- Fundamentals of Thermodynamics
- Heat Transfer
- Energy Efficiency Principles
- Renewable Energy Sources
- HVAC Systems (Heating, Ventilation, and Air Conditioning)
- Thermal Power Plants
- Energy-Efficient Building Design
- Industrial Thermal Systems
- Computational Tools and Simulations
- Energy Policy and Regulations

Expected outcomes:

After completion of the FDP, participants

- Participants gain an in-depth understanding of thermal systems, energy efficiency principles, and related technologies, fostering expertise in the field.
- Participants update existing courses or develop new ones that incorporate the latest advancements in thermal systems and energy efficiency, ensuring that students receive education aligned with industry standards.

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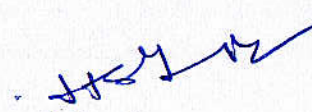
Department of Mechanical Engineering


- Participants learn innovative teaching methods and techniques for effectively imparting knowledge to students, making the learning process more engaging and impactful.
- Participants acquire research skills, enabling them to conduct meaningful research in thermal systems and energy efficiency, leading to scholarly publications and contributions to the academic community.
- Participants gain practical, hands-on experience with state-of-the-art equipment and software, enhancing their ability to conduct experiments and simulations related to thermal systems.
- Participants develop the ability to collaborate with experts from other disciplines, fostering interdisciplinary research and problem-solving skills.
- Participants establish connections with industry professionals, leading to potential collaborations, internships, and guest lectures, enriching the learning experience for students.
- Participants become familiar with energy-related policies, regulations, and standards, enabling them to educate students and contribute to policy discussions at the institutional and regional levels.
- Participants gain insights into sustainable practices and environmentally friendly technologies, promoting eco-consciousness among students and peers.

Duration: The duration of this FDP will be 5 consecutive days, with 6 hours per a total of 30 hours properly divided into theory and hands on sessions.

Certification Policy:

- Certificate of Merit for all the FDP participants.
- At the end of this FDP, a small competition will be organized among the participating Faculties and winners will be awarded with a prize.


Signature of the Convener


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Participants Registration Sheet

1. Title of the Program/ Workshop : One Week FDP on “Thermal Systems and Energy Efficiency” in Association with Take off Edu Group, Tirupathi.
2. Date : 04-03-2023 to 08-03-2023
3. Academic Year : 2022-23
4. Venue : Department Seminar Hall
5. Organized by : Department of ME in association with Take off Edu Group,
6. Convener : Dr. L. Balasubramnyam, HoD, Assoc.Professor of ME

S. NO	Name of the Faculty	Designation	Name of the institute	Signature
1.	Dr. K. Manohar Reddy	Associate Professor	PVKKIT	
2.	Dr. D. Harsha Vardhan	Associate Professor	PVKKIT	
3.	Sugali Jithendra Naik	Associate Professor	PVKKIT	
4.	N. Govindarajulu	Assistant Professor	PVKKIT	
5.	N. Sreenivasulu	Assistant Professor	PVKKIT	
6.	Badigi Madan Gopal	Assistant Professor	PVKKIT	
7.	S. Madhavi	Assistant Professor	PVKKIT	
8.	C. Triveni	Assistant Professor	PVKKIT	
9.	D R Madhuri	Assistant Professor	PVKKIT	
10.	G Sudheer Kumar	Assistant Professor	PVKKIT	
11.	T. Obulesu	Assistant Professor	PVKKIT	
12.	M. Hari Priya	Assistant Professor	PVKKIT	
13.	G. Vani Prathibha	Assistant Professor	PVKKIT	
14.	K. R. Yellu Kumar	Assistant Professor	PVKKIT	
15.	S. Pranavi	Assistant Professor	PVKKIT	
16.	A. Sangappa	Assistant Professor	PVKKIT	
17.	B. Bhargava	Assistant Professor	PVKKIT	
18.	V. Manunatha Reddy	Assistant Professor	PVKKIT	
19.	K Suresh	Assistant Professor	PVKKIT	
20.	V. Siddalingappa	Assistant Professor	PVKKIT	
21.	Karthikeyan Nadadur	Assistant Professor	SRIT PVKKIT	
22.	C. Jaypal Reddy	Assistant Professor	SRIT	
23.	M. Usha Rani	Assistant Professor	SRIT	
24.	D. Balaji	Assistant Professor	SRIT	
25.	D. Ajay Kumar Raj	Assistant Professor	SRIT	

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26.	B. Gopal	Assistant Professor	SRIT	<i>Gopal</i>
27.	B. Subba Reddy	Assistant Professor	GATE	<i>Subba Reddy</i>
28.	M. Peeru Naik	Assistant Professor	GATE	<i>Peeru</i>
29.	H. Jayappa	Assistant Professor	GATE	<i>Jayappa</i>
30.	U Narasimhulu	Assistant Professor	GATE	<i>Narasimhulu</i>
31.	P Reddy Kalavathi	Assistant Professor	GATE	<i>Kalavathi</i>
32.	G Chandra Sekhar	Assistant Professor	GATE	<i>Chandra</i>
33.	B. Ramanjineyulu	Assistant Professor	GATE	<i>B. Raman</i>
34.	C. Subhahan Basha	Assistant Professor	GATE	<i>C.S. Basha</i>

[Signature]
Convener

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Participants Attendance Sheet

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6. Convener : Dr. L. Balasubramnayam, HoD, Assoc.Professor of ME

S.NO	Name of the Faculty	Name of the Institute	Day 1	Day 2	Day 3	Day 4	Day 5
1.	Dr. K. Manohar Reddy	PVKKIT	M	M	M	M	M
2.	Dr. D. Harsha Vardhan	PVKKIT	D. Harsha Vardhan	D. Harsha Vardhan	D. Harsha Vardhan	D. Harsha Vardhan	D. Harsha Vardhan
3.	Sugali Jithendra Naik	PVKKIT	Sugali Jithendra Naik	Sugali Jithendra Naik	Sugali Jithendra Naik	Sugali Jithendra Naik	Sugali Jithendra Naik
4.	N. Govindarajulu	PVKKIT	N. Govindarajulu	N. Govindarajulu	N. Govindarajulu	N. Govindarajulu	N. Govindarajulu
5.	N. Sreenivasulu	PVKKIT	N. Sreenivasulu	N. Sreenivasulu	N. Sreenivasulu	N. Sreenivasulu	N. Sreenivasulu
6.	Badigi Madan Gopal	PVKKIT	Badigi Madan Gopal	Badigi Madan Gopal	Badigi Madan Gopal	Badigi Madan Gopal	Badigi Madan Gopal
7.	S. Madhavi	PVKKIT	S. Madhavi	S. Madhavi	S. Madhavi	S. Madhavi	S. Madhavi
8.	C. Triveni	PVKKIT	C. Triveni	C. Triveni	C. Triveni	C. Triveni	C. Triveni
9.	D R Madhuri	PVKKIT	D. R. Madhuri	D. R. Madhuri	D. R. Madhuri	D. R. Madhuri	D. R. Madhuri
10.	G Sudheer Kumar	PVKKIT	G. Sudheer Kumar	G. Sudheer Kumar	G. Sudheer Kumar	G. Sudheer Kumar	G. Sudheer Kumar
11.	T. Obulesu	PVKKIT	T. Obulesu	T. Obulesu	T. Obulesu	T. Obulesu	T. Obulesu
12.	M. Hari Priya	PVKKIT	M. Hari Priya	M. Hari Priya	M. Hari Priya	M. Hari Priya	M. Hari Priya
13.	G. Vani Prathibha	PVKKIT	G. Vani Prathibha	G. Vani Prathibha	G. Vani Prathibha	G. Vani Prathibha	G. Vani Prathibha
14.	K. R. Yellu Kumar	PVKKIT	K. R. Yellu Kumar	K. R. Yellu Kumar	K. R. Yellu Kumar	K. R. Yellu Kumar	K. R. Yellu Kumar
15.	S. Pranavi	PVKKIT	S. Pranavi	S. Pranavi	S. Pranavi	S. Pranavi	S. Pranavi
16.	A. Sangappa	PVKKIT	A. Sangappa	A. Sangappa	A. Sangappa	A. Sangappa	A. Sangappa
17.	B. Bhargava	PVKKIT	B. Bhargava	B. Bhargava	B. Bhargava	B. Bhargava	B. Bhargava
18.	V. Manunatha Reddy	PVKKIT	V. Manunatha Reddy	V. Manunatha Reddy	V. Manunatha Reddy	V. Manunatha Reddy	V. Manunatha Reddy
19.	K Suresh	PVKKIT	K. Suresh	K. Suresh	K. Suresh	K. Suresh	K. Suresh
20.	V. Siddalingappa	PVKKIT	V. Siddalingappa	V. Siddalingappa	V. Siddalingappa	V. Siddalingappa	V. Siddalingappa
21.	Karthikeyan Nadadur	PVKKIT	Karthikeyan Nadadur	Karthikeyan Nadadur	Karthikeyan Nadadur	Karthikeyan Nadadur	Karthikeyan Nadadur
22.	C. Jaypal Reddy	SRIT	C. Jaypal Reddy	C. Jaypal Reddy	C. Jaypal Reddy	C. Jaypal Reddy	C. Jaypal Reddy

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23.	M. Usha Rani	SRIT	Ushanab	Ushanai	Ushanai	Ushanai	Ushanai
24.	D. Balaji	SRIT	Bala	Bala	Bala	Bala	Bala
25.	D. Ajay Kumar Raj	SRIT	Ajay	Ajay	Ajay	Ajay	Ajay
26.	B. Gopal	SRIT	Gopal	Gopal	Gopal	Gopal	Gopal
27.	B. Subba Reddy	SRIT	Subba	Subba	Subba	Subba	Subba
28.	M. Peeru Naik	SRIT	Peeru	Peeru	Peeru	Peeru	Peeru
29.	H. Jayappa	GATE	Jayappa	Jayappa	Jayappa	Jayappa	Jayappa
30.	U Narasimhulu	GATE					
31.	P Reddy Kalavathi	GATE	Kalavathi	Kalavathi	Kalavathi	Kalavathi	Kalavathi
32.	G Chandra Sekhar	GATE					
33.	B. Ramanjineyulu	GATE	B.Ram	B.Ram	B.Ram	B.Ram	B.Ram
34.	C. Subhahan Basha	GATE	C.S.Bash	C.S.Bash	C.S.Bash	C.S.Bash	C.S.Bash

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Date: 28-03-2023

“Faculty Development Program on Thermal Systems and Energy Efficiency”

Event Feedback Analysis

S.No	Particulars	Excellent	Very Good	Good	Fair	Poor	Points
1	Q1: How was the overall organization of the event?	22	6	5	1	0	8.88
2	Q2: How relevant was the content discussed by the speaker?	18	7	3	6	0	8.18
3	Q3: Did the event covers what you were expecting?	19	5	5	2	3	8.06
4	Q4: How much this session/event useful from the knowledge and information point of view	19	9	4	2	0	8.65
5	Q5: Overall effectiveness of the lecture/ workshop /event	19	9	2	3	1	8.47
	Total	97	36	19	14	4	8.45
	Grand total	170					8.45


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Certificate of Participation

This is to Certify that Mr/Ms. B. Madan GopJ, PVKKIT, Anantapur

has successfully participated in the Faculty Development Program on Thermal Systems and Energy Efficiency held from 4th to 8th March 2023 Organized by the Department of Mechanical Engineering

Throughout the FDP, he/she demonstrated a keen interest in the field of Thermal Engineering. Your active involvement in discussions, practical exercises, and knowledge sharing greatly enriched the learning experience for all participants.

We commend your dedication to understanding and enhancing the Thermal Engineering systems, as well as your commitment to exploring effective maintenance practices for sustainable and efficient operations.

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This is to Certify that Mr/Ms. U. Narasimhulu, GATE, Gooty

has successfully participated in the Faculty Development Program on Thermal Systems and Energy Efficiency held from 4th to 8th March 2023 Organized by the Department of Mechanical Engineering

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This is to Certify that Mr/Ms. H. Peem Naik, GATE, Gooty

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This is to Certify that *Mr/Ms. M. Hari Prave, PVKK IT, Anantapur*
has successfully participated in the *Faculty Development Program on Thermal Systems and Energy Efficiency* held from *4th to 8th March 2023* Organized by the Department of Mechanical Engineering

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This is to Certify that Mr/Ms. C. Joy P.J Reddy, SRIT, Anantapur

has successfully participated in the Faculty Development Program on Thermal Systems and Energy Efficiency held from 4th to 8th March 2023 Organized by the Department of Mechanical Engineering

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