



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: 28-02-2021

Department of ME in association with "Ram Engineering And Controls" (REC), is organizing a one-week Faculty Development Program on "Composite materials and their applications" during 03-03-2021 to 07-03-2021. To register for this FDP contact convener 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. M. Ashok Kumar	Associate Professor, Chadalawada Ramanamma Engineering College, Tirupathi

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,
2. HODs
3. Class in – Charges
4. Dept. File
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Report on Faculty Development Program

Academic Year	2020-21	Venue	ME Department Seminar hall, PVKKIT
Name of the Course	one-week Faculty Development Program on "Composite materials and their applications" in association with "Ram Engineering and Controls" (REC),	Duration	One week
Trainer	Dr. M. Ashok Kumar Associate Professor, Chadalawada Ramanamma Engineering College, Tirupathi	Date	03-03-2021 To 07-03-2021
Faculty Co-ordinator 1	Mr. S. Jithendra naik	Time	FN-9:30AM to 1:00PM AN-2:00PM to4:30PM
Faculty Co-ordinator 2	Mr. K. Manohar reddy	Total Sessions/Total Hours	30 Hours
Convener	Mr. L. Balasubramanyam, Associate professor & HOD		

Aim of the programme :

The aim of a one-week Faculty Development Program on "Composite Materials and Their Applications" is to provide faculty members and educators with the knowledge, skills, and resources necessary to enhance their expertise in the field of composite materials and their practical applications. Here are some specific objectives and goals of such a program:



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Knowledge Enhancement: To equip faculty members with a comprehensive understanding of composite materials, including their types, properties, fabrication techniques, and structural characteristics.

Materials Selection and Design: Provide knowledge on the selection of appropriate composite materials for specific applications and the design principles that maximize their performance.

Processing and Fabrication: Familiarize participants with the various manufacturing techniques for composite materials, including layup, infusion, compression molding, and more.

Mechanical Behavior: Deepen the understanding of the mechanical properties and behavior of composite materials, including strength, stiffness, and fracture mechanics.

Applications in Various Industries: Explore the wide range of applications of composite materials in industries such as aerospace, automotive, civil engineering, marine, sports, and healthcare.

Environmental Impact and Sustainability: Discuss the environmental impact of composite materials and explore sustainable practices in their production and disposal.

Testing and Characterization: Provide insight into testing and characterization methods used for evaluating composite materials, including non-destructive testing and quality control.

Composite Material Standards and Regulations: Familiarize faculty with international standards and regulations governing the use of composite materials in different industries.

Safety and Health Considerations: Address safety and health concerns related to working with composite materials, including the handling of hazardous materials and safety protocols.

Curriculum Development: Assist faculty in developing or revising curriculum and course materials related to composite materials, ensuring that they are up-to-date and aligned with industry standards.

Teaching Methodology: Offer guidance on effective teaching methodologies and pedagogical techniques for delivering composite materials courses.

Research and Innovation: Encourage and support faculty to engage in research and innovation in the field of composite materials, fostering a culture of exploration and development.

Networking: Promote networking among faculty members, enabling them to share experiences, resources, and best practices related to teaching and research in composite materials.

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Dissemination of Knowledge: Encourage faculty to share their knowledge and experiences with their peers and students, contributing to the broader educational community.

Indicative Topics:

- Introduction to Composite Materials
- Composite Material Properties
- Fabrication Techniques
- Reinforcement Materials
- Matrix Materials
- Applications in Aerospace and Aviation
- Automotive Applications
- Sports and Recreation
- Healthcare and Biomedical Applications

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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Department of Mechanical Engineering

Participants Registration Sheet

- Title of the Program/ Workshop** : One-week Faculty Development Program on “Composite materials and their applications”
- Date** : 03-03-2021 to 07-03-2021
- Academic Year** : 2020-21
- Venue** : Department Seminar Hall
- Organized by** : Department of ME in association with “Ram Engineering and Controls” (REC),
- Convener** : Mr L. Balasubramanyam,, Assoc. Professor of ME

S. NO	Name of the Faculty	Designation	Name of the Institute	Signature
1.	Dr.A.Srikantha Gowd	Professor	PVKKIT	A.S. Gowd
2.	Dr. P. Karthikeyan	Professor	PVKKIT	P. Karthik
3.	Dr. S. Kumar	Professor	PVKKIT	Kumar
4.	Mr. N. Govindarajulu	Assistant Professor	PVKKIT	N. Govind.
5.	Mr. N. Sreenivasulu	Assistant Professor	PVKKIT	N. Sree
6.	Mr. B. Madan Gopal	Assistant Professor	PVKKIT	B. Madan Gopal
7.	Ms S. Madhavi	Assistant Professor	PVKKIT	S.M
8.	Mr.T.Akhil Kumar	Assistant Professor	PVKKIT	Akhil
9.	Mr. B.Venkat Reddy	Assistant Professor	PVKKIT	B.V. Reddy
10.	Mr. U Mahaboob Basha	Assistant Professor	PVKKIT	U. Mahaboob Basha
11.	Ms.C. Triveni	Assistant Professor	PVKKIT	C.T
12.	Ms.D R Madhuri	Assistant Professor	PVKKIT	Madhuri
13.	Ms.B. Monika	Assistant Professor	PVKKIT	Monika
14.	Mr.P.G.Kalyan Kumar	Assistant Professor	PVKKIT	P.G. Kalyan
15.	Ms.M. Hari Priya	Assistant Professor	PVKKIT	H.P
16.	Ms.G.Vani Prathibha	Assistant Professor	PVKKIT	G.V.P
17.	Mr.T. Obulesu	Assistant Professor	PVKKIT	T.O
18.	Mr.G Sudheer Kumar	Assistant Professor	PVKKIT	G. Sudheer
19.	Ms.B.Bhargava	Assistant Professor	PVKKIT	B. Bhargava
20.	Ms.S.Pranavi	Assistant Professor	PVKKIT	S.P
21.	Mr.K. Viswanath	Assistant Professor	PVKKIT	K.V
22.	Mr.V. Manunatha Reddy	Assistant Professor	PVKKIT	M.R
23.	Mr.Karthikeyan Nadadur	Assistant Professor	GATE	N.D

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24.	Mr.K Suresh	Assistant Professor	GATE	<i>Suresh</i>
25.	Mr N. Yerriswamy	Assistant Professor	ALTS	<i>Yerriswamy</i>
26.	Ms K.Gowthami	Assistant Professor	ALTS	<i>Gowthami</i>
27.	Mr. S. Tanveer Ahmed	Assistant Professor	GATE	<i>S.T. Ahmed</i>
28.	Mrs. M. Padmaja	Assistant Professor	GATE	<i>Padma</i>
29.	Mr.A.V.Manohar Reddy	Assistant Professor	SRIT	<i>Manohar</i>
30.	Mr.C.RAVI TEJA	Assistant Professor	SRIT	<i>C.R. Teja</i>
31.	Mr.M.Sivalingamaiah	Assistant Professor	SRIT	<i>Siva</i>
32.	Mr.C.Thippeswamy	Assistant Professor	SRIT	<i>Thippeswamy</i>

[Signature]
Convener

[Signature]
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Participants Attendance Sheet

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2. Date : 03-03-2021 to 07-03-2021
3. Academic Year : 2020-21
4. Venue : Department Seminar Hall
5. Organized by : Department of ME in association with "Ram Engineering and Controls" (REC),
6. Convener : Mr L. Balasubramanyam,, Assoc. Professor of ME

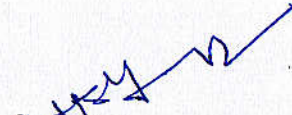
S. NO	Name of the Faculty	Name of the institute	Day 1	Day 2	Day 3	Day 4	Day 5
1.	Dr.A.Srikantha Gowd	PVKKIT	A.S.Gowd	A.S.Gowd	A.S.Gowd	A.S.Gowd	A.S.Gowd
2.	Dr. P. Karthikeyan	PVKKIT	P.Karthikeyan	P.Karthikeyan	P.Karthikeyan	P.Karthikeyan	P.Karthikeyan
3.	Dr. S. Kumar	PVKKIT	Kumar	Kumar	Kumar	Kumar	Kumar
4.	Mr. N. Govindarajulu	PVKKIT	N.Govind	N.Govind	N.Govind	N.Govind	N.Govind
5.	Mr. N. Sreenivasulu	PVKKIT	N.Sree	N.Sree	N.Sree	N.Sree	N.Sree
6.	Mr. B. Madan Gopal	PVKKIT	B.Madan Gopal	B.Madan Gopal	B.Madan Gopal	B.Madan Gopal	B.Madan Gopal
7.	Ms S. Madhavi	PVKKIT	S.M	S.M	S.M	S.M	S.M
8.	Mr.T.Akhil Kumar	PVKKIT	Akhil	Akhil	Akhil	Akhil	Akhil
9.	Mr. B.Venkat Reddy	PVKKIT	B.V.Reddy	B.V.Reddy	B.V.Reddy	B.V.Reddy	B.V.Reddy
10.	Mr. U Mahaboob Basha	PVKKIT	U Mahaboob Basha	U Mahaboob Basha	U Mahaboob Basha	U Mahaboob Basha	U Mahaboob Basha
11.	Ms.C. Triveni	PVKKIT	C.T	C.T	C.T	C.T	C.T
12.	Ms.D R Madhuri	PVKKIT	D.R.M	D.R.M	D.R.M	D.R.M	D.R.M
13.	Ms.B. Monika	PVKKIT	Monika	Monika	Monika	Monika	Monika
14.	Mr.P.G.Kalyan Kumar	PVKKIT	P.G.Kalyan	P.G.Kalyan	P.G.Kalyan	P.G.Kalyan	P.G.Kalyan
15.	Ms.M. Hari Priya	PVKKIT	H.Priya	H.Priya	H.Priya	H.Priya	H.Priya
16.	Ms.G.Vani Prathibha	PVKKIT	G.Vani	G.Vani	G.Vani	G.Vani	G.Vani
17.	Mr.T. Obulesu	PVKKIT	T.Obulesu	T.Obulesu	T.Obulesu	T.Obulesu	T.Obulesu
18.	Mr.G Sudheer Kumar	PVKKIT	G.Sudheer	G.Sudheer	G.Sudheer	G.Sudheer	G.Sudheer
19.	Ms.B.Bhargava	PVKKIT	B.Bhargava	B.Bhargava	B.Bhargava	B.Bhargava	B.Bhargava
20.	Ms.S.Pranavi	PVKKIT	S.Pranavi	S.Pranavi	S.Pranavi	S.Pranavi	S.Pranavi
21.	Mr.K. Viswanath	PVKKIT	K.Viswanath	K.Viswanath	K.Viswanath	K.Viswanath	K.Viswanath
22.	Mr.V. Manunatha Reddy	PVKKIT	V.Manunatha Reddy	V.Manunatha Reddy	V.Manunatha Reddy	V.Manunatha Reddy	V.Manunatha Reddy
23.	Mr.Karthikeyan Nadadur	GATE	Karthikeyan Nadadur	Karthikeyan Nadadur	Karthikeyan Nadadur	Karthikeyan Nadadur	Karthikeyan Nadadur
24.	Mr.K Suresh	GATE	K.Suresh	K.Suresh	K.Suresh	K.Suresh	K.Suresh
25.	Mr N. Yerriswamy	ALTS	N.Yerriswamy	N.Yerriswamy	N.Yerriswamy	N.Yerriswamy	N.Yerriswamy

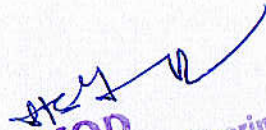


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26.	Ms K.Gowthami	ALTS	Gowthami	Gowthami	Gowthami	Gowthami	Gowthami
27.	Mr. S. Tanveer Ahmed	GATE	S.T.Ahmed	S.T.Ahmed	S.T.Ahmed	S.T.Ahmed	S.T.Ahmed
28.	Mrs. M. Padmaja	GATE	Padma	Padma	Padma	Padma	Padma
29.	Mr.A.V.Manohar Reddy	SRIT	M.H.	M.H.	M.H.	M.H.	M.H.
30.	Mr.C.RAVI TEJA	SRIT	C.R.TEJA	C.R.TEJA	C.R.TEJA	C.R.TEJA	C.R.TEJA
31.	Mr.M.Sivalingamaiah	SRIT	Siva	Siva	Siva	Siva	Siva
32.	Mr.C.Thippeswamy	SRIT	Thippeswamy	Thippeswamy	Thippeswamy	Thippeswamy	Thippeswamy


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DEPARTMENT OF MECHANICAL ENGINEERING

Date: 07-03-2021

FDP on Composite materials and their applications

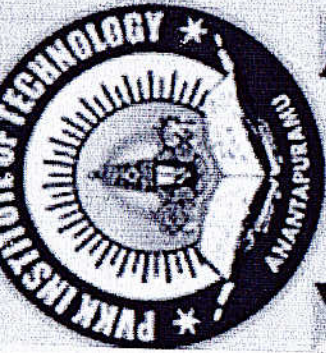
Event Feedback Analysis

S.No	Particulars	Excellent	Very Good	Good	Fair	Poor	Points
1	Q1: How was the overall organization of the event?	20	10	2	0	0	9.13
2	Q2: How relevant was the content discussed by the speaker?	18	12	2	0	0	9.00
3	Q3: Did the event covers what you were expecting?	22	8	2	0	0	9.25
4	Q4: How much this session/event useful from the knowledge and information point of view	19	12	0	1	0	9.06
5	Q5: Overall effectiveness of the lecture/ workshop /event	22	8	1	1	0	9.19
	Total	101	50	7	2	0	9.13
	Grand total	160					


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Certificate of Participation

This is to Certify that Mr/Ms.

B. Monika. PVKKIT, Anantapur

has successfully participated in a Five day Faculty Development Program on Composite materials and their applications held from 3rd to 7th March 2021 Organized by the Department of Mechanical Engineering

This certificate is awarded in recognition of your active involvement and contribution to the FDP. Your engagement in discussions, practical activities, and knowledge sharing has greatly enriched the learning experience for all participants.

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C. Triveni, PVKKT, Anantapur

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This is to Certify that Mr/Ms.

N. Yerru Swamy, ALTS Anantapur

has successfully participated in a Five day Faculty Development Program on Composite materials and their applications held from 3rd to 7th March 2021 Organized by the Department of Mechanical Engineering

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Certificate of Participation

This is to Certify that Mr/Ms.

M. Padmaja / GATE Gooly

*has successfully participated in a Five day Faculty Development Program on
Composite materials and their applications held from 3rd to 7th March 2021
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Certificate of Participation

This is to Certify that Mr/Ms.

C. Ravi Teja, SRIT Anantapur.

has successfully participated in a Five day Faculty Development Program on Composite materials and their applications held from 3rd to 7th March 2021 Organized by the Department of Mechanical Engineering

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