



**DEPARTMENT OF MECHANICAL ENGINEERING SAPTHAGIRI
COLLEGE OF ENGINEERING**

(Affiliated to Visvesvaraya Technological University Belagavi & Approved by AICTE, New Delhi.)
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057.

Date: 03/04/17

CIRCULAR

Mechanical Engineering faculty are hereby informing that there will be a faculty development program entitled "**Composite Materials and its Applications**" for three days on 22nd July 2014 to 26th July 2014. The interested candidates enroll your names with **Mr. Ramesh N. G.**



NOC

Department of Mechanical Engineering

H.O.D. Dept. of Mech. Engg
S.C.E., Bangalore-560 057



Principal
Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore- 560 057

Date: 12/07/2014

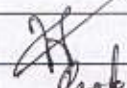
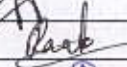
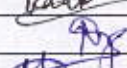
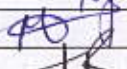

Minutes of Meeting

A meeting was conducted on 12th July 2014 in Mechanical HOD office to discuss and finalize the following about the five days faculty development program. The following points have discussed in the meeting

- FDP program for Mechanical faculty on 22nd July 2014 to 26th July 2014.
- Programme Convener- Mr. **Ramesh N G**
- Certificate program entitled as **Composite Materials and its Applications**.
- Course duration and Date

Course Content

Date	Morning Session 9.30 a.m. to 12.30 p.m.	Afternoon Session 2.00 p.m. to 5.00 p.m.
22/07/2014	Registration & Inauguration function	Introduction to Composite Materials
23/07/2014	Need and General Characteristics, Various types and its applications	Fibers, Matrices, Polymers, Ceramics, Metal Matrices
24/07/2014	Manufacturing Processes of Composites	Flat Plate Laminate constitute Equations,
25/07/2014	Lamina Strength Analysis	Thermal Analysis. Analysis of Laminated Flat Plates
26/07/2014	Buckling analysis of composites	Valedictory Function

Mr. Padmanabha G	
Mr. RamKumar M	
Mr. Ramesh N G	
Mr. MadhuKumar Y C	
Mr. ArunKumar R	


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About the College

Sapthagiri Group of Institutions is the creation of Sri Srinivasa Educational & Charitable trust, Bengaluru. Sapthagiri College of Engineering is the brainchild of honorable Sri Late Guriyappa, Founder Chairman and Sri. G. Dayanand, Chairman of Sri Srinivasa Educational & Charitable trust. Sri G.D. Manoj, is the Executive Director of SCE. SCE began its glorious journey in the year 2001. It is approved and accredited by AICTE, New Delhi and is affiliated to VTU Belagavi, Karanataka. The campus of Sapthagiri College of Engineering is spread across 6.5 acres of lush green land with beautiful landscape. The area enjoys pleasant atmosphere throughout the year.

Vision

To be a best institution imparting quality engineering education to deal with community needs through learning and performance.

Mission

To implement path breaking student centric education methods. -To augment talent, nurture teamwork to transform to develop individual as responsible citizen. -To educate the students and faculties about entrepreneurship to meet vibrant requirements of the society. -Strengthen Industry-Institute Interaction for knowledge sharing.

Chief Patrons

Sri. G. Dayanand,

Chairman, Sri. Srinivasa Educational & Charitable Trust, Sapthagiri Group of Institutions, Bengaluru

Sri. G.D. Balaji,

Executive Director, Sri. Srinivasa Educational & Charitable Trust, Sapthagiri Group of Institutions

Sri. G.D. Manoj,

Executive Director, Sri. Srinivasa Educational & Charitable T, Sapthagiri Group of Institutions

Patrons

Dr. Puttamadappa C

Principal, SCE, Bengaluru

Convener

Dr.S H Manjunath

Prof.& HOD, Dept. of ME, SCE, Bengaluru

Coordinator

Mr. Ramesh N G

Asst. Professor, SCE, Bengaluru

Faculty Development Programme On Composite Materials and its Applications

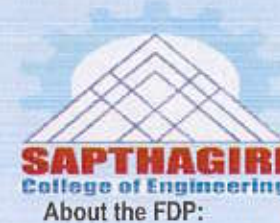
On
22nd -26th July 2014
Organized by

Sapthagiri College of Engineering

Department of Mechanical Engineering

#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru 560057

Phone: 080-28372800/01/02/03



This Faculty Development Training Program is intended to provide opportunity for teachers employed in AICTE approved and Anna University affiliated institutions for teaching and upgrading their knowledge in the area of Composite Materials and Mechanics. The program will be very useful for those who are involved in teaching the course Composite Materials and Mechanics at UG level. This will also provide a basic platform for a faculty who is willing to carry out research in this area.

Topics to be Covered

Introduction to Composite Materials, Need and General Characteristics, Various types and its applications, Fibers, Matrices, Polymers, Ceramics, Metal Matrices, Manufacturing Processes, Flat Plate Laminate constitutive Equations, Lamina Strength Analysis, Thermal Analysis, Analysis of Laminated Flat Plates and Buckling analysis, Free Vibrations.

Resource Persons

Prof. P Mahadevaswamy

Assistant Professor,
Department of Mechanical Engineering
Acharya Institute of Technology Bangalore

Prof. R G Deshpande

Assistant Professor
Department of Mechanical Engineering
B M S Institute of Technology Bangalore



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FDP ON
Composite Materials and its Applications
Attendance

Sl. No.	Name	22-07-2014		23-07-2014		24-07-2014		25-07-2014		26-07-2014	
		MS	AS	MS	AS	MS	AS	MS	AS	MS	AS
1	Gr.R. Jagannath	1	2	3	4	5	6	7	8	9	10
2	AM Mahesh	1	2	3	4	5	5	6	7	8	9
3	Madhu Kumar	1	2	3	4	5	6	7	8	9	10
4	Padmanabha.G	1	2	3	4	5	6	7	8	9	10
5	Rajalakshmi.S	1	2	3	4	5	6	7	8	9	10
6	Ram Kumar.M	1	2	3	3	4	5	6	7	8	9
7	Ramesh.N.G	1	2	3	4	5	6	7	8	9	10
8	Arun Kumar.R	1	2	3	4	5	6	7	8	9	10
9	P.R. Rao	1	2	3	4	5	6	7	8	9	10
10	Prasad.S-V	1	2	3	4	5	6	7	8	9	10
11	Ullas.C.S	1	1	2	3	4	5	6	7	8	9
12	Rajalakshmi	1	2	3	4	5	6	7	8	9	10
13	Prathma.C.D	1	2	3	4	5	6	7	8	9	10
14	Tilak.S	1	2	3	4	5	6	7	8	9	10
15	T. Venkateshwar	1	2	3	4	5	6	7	7	8	9
16	Anil Kumar PR	1	2	3	4	5	6	7	8	9	10
17	Mahadev Prasad	1	2	3	4	5	6	7	8	9	10
18	Sanjay HM	1	2	3	4	5	6	7	8	9	10
19											
20											

Principal

Sapthagiri College of Engineering
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Signature of Convener

REPORT

FDP on Composite Materials and its Applications

Department of mechanical Engineering organized FDP on Composite Materials and its Applications.

Speakers

Prof. Tulsidas D, Associate Professor, Department of Mechanical Engineering, Acharya Institute of Technology Bangalore

Prof. R G Deshapande, Associate Professor, Department of Mechanical Engineering,, B M S Institute of Technology Bangalore.

Prof. P Mahadevaswamy, Associate Professor, Department of Mechanical Engineering, Acharya Institute of Technology Bangalore

Duration of the course: July 22nd 2014 to July 26th 2014

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26/07/2014	Buckling analysis of composites	Va edictory Function



The FDP was aimed to provide an intense discussion on Composite Materials and its Applications. The faculty members felt that the session was informative & gained knowledge about Composite Materials processing and its applications.

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Signature of the Convener

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Certificate

This is to Certify that Mr./Mrs. P. RAGHOTAM RAO of has participated and successfully completed Five days FDP on "Polymer Composite Materials and its Applications" from 22nd July to 26th July 2014 organized by the Mechanical Engineering Department, Sapthagiri College of Engineering.


HOD

Dept. of ME


Principal
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Principal