



RAJARAJESWARI COLLEGE OF ENGINEERING

(Under the auspices of the Moogambigai Charitable and Educational Trust)

(Affiliated to the Visvesvaraya Technological University, Belgaum)

(Recognized by the AICTE, New Delhi)

#14, Ramohalli Cross, Kumbalagodu, Mysore Road, Bengaluru-560074.

Phone: +91-80-28437124, +91-28437375, Fax: +91-80-2843 7373, www.rrce.org



DEPARTMENT OF MECHANICAL ENGINEERING

Date: 11/12/2017

Circular

It is hereby informed to all the faculty members that the department is organizing Five days FDP on the topic “**Design of Machine Elements**” from 18th to 22nd Dec 2017.

All are requested to attend the FDP and make better utilization of the recourse person and opportunity.

Coordinators

HoD - ME



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DEPARTMENT OF MECHANICAL ENGINEERING

5 Days Faculty Development Program on

“DESIGN OF MACHINE ELEMENTS”

18th to 22nd Dec 2017

| Sl. No. | Topic | Resource Person | Date & Time |
|---|---|--|---|
| Inauguration and Welcome 9:00 to 10:15 | | | |
| 1 | Fundamentals of Mechanical Engineering Design | Mrs. N L Shanthala Assistant professor. BIT, Banlgore . | 18 th Dec 2017 10:30 to 12:30 |
| 2 | Fundamentals of Mechanical Engineering Design | Mrs. N L Shanthala Assistant professor. BIT, Banlgore . | 18 th Dec 2017 2:00 to 3:30 |
| 3 | Factors influencing machine design | Dr. VivekBhandarkar V N Assistant professor. DSCE, Banlgore | 19 th Dec 2017 9:30 to 11:00 |
| 4 | Principle stresses for various load combinations. | Prof. NitheshBhaskar N. Assistant professor. DSCE, Banlgore | 19 th Dec 2017 1:30 to 4:00 |
| 5 | Principle stresses for various load combinations | Prof. SANKETH S Assistant professor DBIT, Bangalore. | 20 th Dec 2017 9:30 to 12:30 |
| 6 | Design of solid and hollow shafts & Couplings | Prof. SANKETH S Assistant professor DBIT, Bangalore. | 20 th Dec 2017 2:30 to 3:30 |
| 7 | Design of solid and hollow shafts & Couplings | Prof. SANKETH S Assistant professor DBIT, Bangalore. | 21 th Dec 201 10:00 to 12:30 |
| 8 | Design of temporary and permanent joints. | Prof . Vishwanath B. R Assistant professor DBIT, Bangalore. | 21 st Dec 2017 2:00 to 03:45 |
| 9 | Design of threaded fasteners and power screws. | Prof . K. M. Kiran Kumar Assistant professor DBIT, Bangalore | 22 nd Dec 2017 9:00 to 12:00 |
| 10 | Bearing design | Prof. Ranganatha S. R. Assistant professor DBIT, Bangalore | 22 nd Dec 2017 1.30: to 2:30 |
| Valedictory and feedback session 2:30 to 3:30 | | | |



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Program Report

On day 1 Mrs. N L Shanthala explained about Fundamentals of Mechanical Engineering Design. On day 2 Dr. Vivek Bhandarkar V N highlighted Factors influencing machine design followed by ,afternoon session handled by Prof. Nithesh Bhaskar N who emphasized Principle stresses for various load combinations. on day 3 Prof. Sanketh S elaborated Principle stresses for various load combinations & Design of solid and hollow shafts & Couplings. Design of temporary and permanent joints was highlighted in the morning session by Prof . Vishwanath B. R and sanketh of day 4 . on day 5 Prof . K. M. Kiran Kumar and Prof Ranganath explained about Design of threaded fasteners and power screws and design of bearings and the FDP was ended with valedictory function.



Coordinator

HoD - ME