



5 Days Certification Program on

Design of Machine element

**From
28th JULY 2014 TO 1th August 2014**

Organized by

**Department of
Mechanical Engineering**



**Sapthagiri College of
Engineering**

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

Phone: 080-28372800/01/02/03

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 Giriappa, 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. The college has secured 22 University ranks and 4 Gold medals.

Vision

To create and maintain an enabling learning environment for the students to transform them as thorough professionals to meet diverse professional demands of global environments.

Mission

To provide quality education to the students to pursue courses in different engineering disciplines and to transform their professional dreams into reality and to offer competent budding professionals to the society.

About the Department:

The department of Mechanical Engineering, one of the prestigious and core departments in the Institution was established in the year 2001 right from the inception of the Institution with an objective of imparting quality technical education in the field of Mechanical Engineering. It started its course of journey with intake of 30 in the year 2001, increased to 60 in the year 2002 and 120 in the year 2013. The department is affiliated to Visvesvaraya Technological University, Belagavi and approved by AICTE, New Delhi and also recognized as a "Research Center" by VTU offering PhD/ M.Sc (Engineering by Research) degrees in Mechanical Engineering

About the Certification Program:

Its objectives are

- To enhance the skills of Design of Machine element
- To develop the skills of design of machine components.

Course Content

Date	Morning Session (9 am- 12 pm)	Afternoon Session (1pm -4pm)
28/07/2014	steady stresses and variable stresses in machine members	Design of shafts and couplings
29/07/2014	Design of Temporary and permanent joints	Design of energy storing elements and engine components
30/07/2014	Design of Bearings	Design of curved beams
31/07/2014	Design of Gear drives	Design of Clutches, Design of Brakes:
1/08/2019	Design of Lubrication and Bearings	Design of Anti friction bearings

Resource Persons:

Prof. Tulsidas D

Asst. Professor, VKIT –Bengaluru

Address for Communication/Registration

Prof. Ramkumar. M- 9900847119