DR. SHANKAR KRISHNAPILLAI
PROFESSOR

DEPARTMENT OF MECHANICAL ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY MADRAS
CHENNAI - 600 036, INDIA

TEL: 044-22574701
FAX: 044-22574652

Chennai

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TO WHOMSOEVER IT MAY CONCERN

Machine Design Online software is used in Design Practice lab which is a core lab course for M.Tech students for the last few years. It is mainly used in the design calculations of various machine components such as gears, cams, springs, brakes etc. It contains modules which adequately covers the prescribed syllabus to meet the our curriculum requirements.

It is observed that based on sufficient inputs given, sequential calculations involved in design process are done and displayed. This facilitates step by step verification at different stages. Also multiple options for results are provided for given problems. Eventually optimum results can be achieved through multiple iterations by satisfying all constraints.

The design output is also generated in the form of sketch in .igs or .dwg format, and can be further can be used to create a 3D model in a modelling software.

From the user point of view, Machine Design Online can be considered as a supplement or an alternative to carry out design calculations using design data book to save time. Furthermore the software is evolving every new release with new capabilities which may benefit the students.

The M/s Feast software team is also very supportive and responsive after sales.

(Prof. Shankar Krishnapillai)
Professor-In-Charge, CAE Lab
Machine Design Section
Dept. of Mechanical Engineering
IIT Madras
Chennai – 600 036
India

Professor In-charge
CAE Lab
MDS (Mechanical Dept.)