

KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University)

(Established Under Section 3 of UGC Act, 1956)

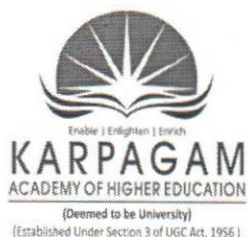
Pollachi Main Road, Eachanari Post,

Coimbatore, Tamil Nadu 641021

Email: info@karpagam.com, Web: www.kahedu.edu.in

FACULTY OF ENGINEERING

DEPARTMENT OF MECHANICAL ENGINEERING



Report on One day Workshop on Skill development using “SOLIDWORKS”

DATE OF EVENT : 24th February, 2016

VENUE : MBA Seminar Hall

About the Program:

The event of one day workshop on “SOLIDWORKS” was organized by the Department of Mechanical Engineering, Karpagam Academy of Higher Education, Coimbatore. This skill development programme was handled by Dr. N. Rajam Ramaswamy, Associate Professor, Department of Mechanical Engineering, CIT Coimbatore, Tamil Nadu. The practical secession of the programme was held at CAD laboratory, Mechanical department. The programme was planned to train the students in SOLIDWORKS design of mechanical components.

The programe started with prayer song in an inaugural session and was inaugurated by Dean, Faculty of Engineering and HOD, Mechanical Engineering of Karpagam Academy of Higher Education. The technical session started on the topic “Introduction to SOLIDWORKS” by Dr. N. Rajam Ramaswamy, Associate Professor, Department of Mechanical Engineering, CIT Coimbatore, Tamil Nadu. In this session the speaker interacted with participant in such a way that he introduced the topic so as to understand the software briefly.

The hands on training on SOLIDWORKS were handled by Dr. N. Rajam Ramaswamy and Professors of Mechanical Engineering Department, Karpagam Academy of Higher Education in computer graphics laboratory.

At valedictory session, the Dean, Faculty of Engineering, Head of the department, Mechanical Engineering, and Dr. N. Rajam Ramaswamy distributed certificates to the participants and gave vote of thanks.

About the Resource Person:

Dr. N. Rajam Ramaswamy is currently working as Associate Professor at Coimbatore Institute of Technology (CIT), Coimbatore, India. At CIT, Rajam teaches and guides graduate students in the frontier areas of Mechanical Engineering. Apart from academia, he is also involved in various developmental activities of the institution and the society at large.

Dr. Rajam Ramaswamy holds a doctorate in the field of Mechanical Engineering with specialization in simulation of manufacturing systems. Rajam has two decades of varied Industrial experience both in India and abroad coupled with academic excellence. He has carried out studies related to Production line simulation for optimal performance and enhanced return on Investment for the textile industries.

Dr. Rajam focuses his innovative engineering skills on applications of simulation of strategy planning for manufacturing organizations to provide the best yield of manpower, machinery and materials.

Dr. Rajam has also worked on Projects related to Product Design and Development using Re-engineering and Quality Function Deployment for textile machineries. Another interesting area which Dr. Rajam has worked relates to establishing protocol for minimizing breakdown time of plant and machinery for a construction firm in the Middle East.

One day Workshop
On

Skill development using

“SOLIDWORKS”

24th February, 2016

Registration Form

Name _____

Designation _____

Organization _____

Official Address _____

Mobile/Telephone _____

E-mail _____

Payment Details

Amount: _____ DD No: _____

Bank _____

Branch _____

Date _____ Signature _____

One day Workshop
On

Skill development using

“SOLIDWORKS”

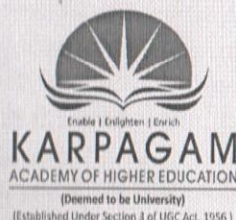
24th February, 2016

Venue-MBA Seminar HALL

Organized by

Department of Mechanical Engineering

Faculty of Engineering



Karpagam Academy of Higher Education
(Deemed to be University)

(Established Under Section 3 of UGC Act, 1956)

Pollachi Main Road, Eachanari Post

Coimbatore – 641 021, INDIA

Phone : 0422-2611828, 2611082

Fax : 0422-2611043, 2611646

Email: info@karpagamuniversity.ac.in

Web : www.karpagamuniversity.ac.in



About the Institution

Karpagam Academy of Higher Education (KAHE) established under Section 3 of UGC Act 1956 is approved by Ministry of Human Resource Development, Government of India. Dr. R. Vasanthakumar, the President of the trust a philanthropist, industrialist, entrepreneur and culture promoter. Today, with strength of 6000 students and over 750 teaching & non-teaching staff, the Karpagam Academy of Higher Education (KAHE) is setting new benchmarks in the educational sphere.

About the Department

The Department of Mechanical Engineering was established in the year 2009. The department aims at maintaining high standard of excellence through value based education, technology and innovation. The devoted faculty members of the department combine their commitment to research with hard work and commitment in teaching. The Department has well equipped laboratories to impart Training to students with state-of the art technologies.

Workshop Content:

- Introduction to SOLIDWORKS
- Drawing Sketches for Solid Models
- Editing and Modifying Sketches
- Adding Relations And Dimensions to Sketches
- Concept of a Fully Defined Sketch
- Deleting Over defining Dimensions
- Advanced Dimensioning Techniques Fully Defining the Sketches
- Determining the Mass Properties of Parts
- Displaying the Drawing Area in Viewports
- Creating Standard Holes Using the Hole Wizard
- Creating Linear Pattern Features
- Creating Sweep Features

Objective of the Workshop:

Solid works is a software tool that is used right from the conceptualization of the design until the final manufacturing of the product. As the world's leading tool in designing, it supports interactive learning of 3D modeling. The work shop aims to give students and professionals the essentials that are needed to become a Solid works associate. The course will help individuals use the software with confidence and design/draft the next innovative thing.

Resource Persons:

Dr. N. Rajam Ramaswamy

Associate Professor,
Department of Mechanical Engineering,
CIT Coimbatore, Tamil Nadu.

KARPAGAM ACADEMY OF HIGHER EDUCATION

Chief Patron.

Dr.S.Subramanian

Vice Chancellor,
Karpagam Academy of Higher Education

Dr. G. Sekar

Registrar,
Karpagam Academy of Higher Education

Patron

Dr. R. Sundararajan

Dean,
Faculty of Engineering.

Convener

E. Baburaj

Professor & Head
Department of Mechanical Engineering.
Karpagam Academy of Higher Education

Organizing Secretaries

S. Aravind

Asst. Professor
Department of Mechanical Engineering
Karpagam Academy of Higher Education

G. Vignesh

Assistant Professor
Department of Mechanical Engineering
Karpagam Academy of Higher Education

KARPAGAM GROUP OF INSTITUTIONS

- Karpagam Academy of Higher Education
- Karpagam College of Engineering
- Karpagam Institute of Technology
- Karpagam Teacher Training Institution
- Karpagam College of Education
- Karpagam College of Pharmacy
- Karpagam Nursing College
- Karpagam Medical College
- Karpagam Polytechnic College.