

One day Workshop  
On

“ANSYS”

31<sup>st</sup> January 2018

**Registration Form**

Name \_\_\_\_\_

Year /Class \_\_\_\_\_

Department \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Mobile/Telephone \_\_\_\_\_

E-mail \_\_\_\_\_

**ANSYS®**

One Day Workshop  
On

“ANSYS”

in association with CAD Solutions

31<sup>st</sup> January 2018

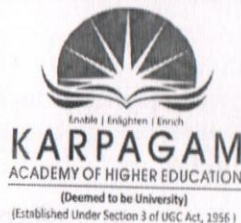
Venue - CAD LAB - II

Organized by

*Aerospace Engineering*

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](mailto:info@karpagamuniversity.ac.in)

Web : [www.karpagamuniversity.ac.in](http://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 (Aerospace 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:

1. Introduction to Structural Problems
2. Introduction of Geometry and mesh
3. Solid Modelling
4. Discretization Using The Finite-element Method
5. Stress analysis
6. Post Processing

### Objective of the Workshop:

- To model simple and complex solid model in ANSYS.
- To work with different ANSYS analysis tools in workbench

### Resource Person:

#### Mr. J. Abdullah

FEA and CFD Specialist at Coimbatore Cad Solutions; and  
Research Associate,  
Department of Ocean Engineering,  
IIT Madras, Tamil Nadu.

#### Mr. Kavi Prathap

Technical Assistant  
Coimbatore Cad Solutions.

### Organizing Committee

#### Chief Patron.

**Dr. S. Sudalaimuthu**

Vice Chancellor,  
Karpagam Academy of Higher Education

#### Dr. R. Sundararajan

Registrar,  
Karpagam Academy of Higher Education

#### Patron

**Dr. D. Lakshmanan**

Dean,  
Faculty of Engineering.

#### Convener

**Dr. P. Shanmugha Sundaram**

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

### Organizing Secretaries

#### Mr. J. Arun Prakash

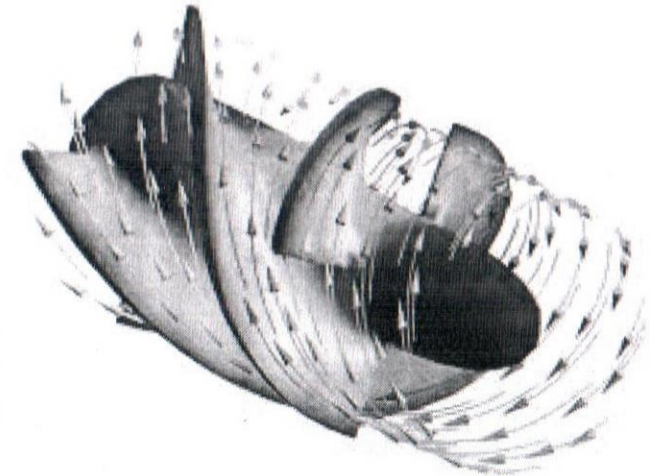
Assistant Professor  
Department of Mechanical Engineering  
Karpagam Academy of Higher Education

#### Mr. C. Nithiyapathi

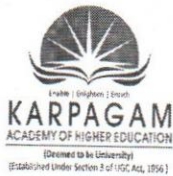
Assistant Professor  
Department of Mechanical Engineering  
Karpagam Academy of Higher Education

### 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.







**KARPAGAM ACADEMY OF HIGHER EDUCATION**  
(Deemed to be University)  
(Established Under Section 3 of UGC Act, 1956)  
Eachanari Post, Coimbatore-641021.

**FACULTY OF ENGINEERING  
DEPARTMENT OF MECHANICAL ENGINEERING**

On behalf of the Department of Mechanical Engineering, Karpagam Academy of Higher Education, we would like to invite you for the

Inaugural function of

A One day Workshop on

**“ANSYS”**

@ 09.30 AM on 31<sup>st</sup> January 2018

**VENUE: UM 318**

**Dr.S.SUDALAIMUTHU**  
Vice-Chancellor,  
Karpagam Academy of Higher Education  
**Presides**

*Chief Guest*

**Mr.J.Abdullah**  
FEA and CFD Specialist at Coimbatore Cad Solutions;  
Research Associate,  
Department of Ocean Engineering,  
IIT Madras, Tamilnadu.

*Organizing Secretaries*  
**Mr.J.Arun Prakash & Mr.C.Nithiyapathi**  
Department of Aerospace Engineering

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**All are Welcome**

\*\*\*\*\*

**Prayer Song**

**Welcome Address : Dr. P. Shanmugha Sundaram**  
Professor & Head  
Department of Mechanical Engineering.  
Faculty of Engineering  
Karpagam Academy of Higher Education

**Presidential Address : Dr.S.Sudalaimuthu**  
Vice-Chancellor  
Karpagam Academy of Higher Education

**Felicitation : Dr. R. Sundararajan**  
Registrar  
Karpagam Academy of Higher Education

**Dr. D. Lakshmanan**  
Dean  
Faculty of Engineering  
Karpagam Academy of Higher Education

**About the Workshop : Mr.J.Arun Praksah**  
Assistant Professor  
Department of Mechanical Engineering  
Faculty of Engineering  
Karpagam Academy of Higher Education

**Vote of Thanks : Mr. C.Nithiyapathi**  
Assistant Professor  
Department of Mechanical Engineering  
Faculty of Engineering  
Karpagam Academy of Higher Education