

**One day Workshop  
On**

**Gesture controlled MAV and  
Mind Controlled MAV**

**02<sup>nd</sup> February 2018**

**Registration Form**

Name \_\_\_\_\_

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

Department \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

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**Workshop on  
Gesture controlled MAV and  
Mind Controlled MAV**

**02<sup>nd</sup> February 2018**

**Venue – Visweshvaraya Hall**

**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)

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**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.



## About Barola Technologies

Barola Technologies , A Pioneer In The Field Of Educational Research, Development, Training and Practical Engineering through its own tools and equipment's (patent applied tools) On Emerging Technologies. An ISO 9001:2015 Organization focused in the field of design & manufacturing of products, Project and solutions based on Emerging Technologies. The BT made a mark in training the students on practical engineering through Internship, Workshops, Product Development and research based project guidance. KAHE and BT are MoU partners. BT has 4000+ Sqft office in the heart of City T.Nagar houses 5 fully equipped labs, fully equipped fabrication unit and Ground Run test area.

### Objective of the Workshop:

- To impart awareness about drones and unmanned flying vehicles.
- To learn to make students owned UAV models and Flying training using RC models
- Application of MAV in various fields

### Resource Person:

**Mr. Suresh Barola**  
Barola Technologies  
Chennai

## 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.C.Nithiyapathi**

Assistant Professor  
Department of Mechanical Engineering  
Karpagam Academy of Higher Education

### Mr.J.Arun Prakash

Assistant Professor  
Department of Mechanical Engineering  
Karpagam Academy of Higher Education

## KARPAGAM GROUP OF INSTITUTIONS

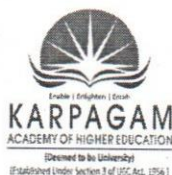
- Karpagam Academy of Higher Education
- Karpagam College of Engineering
- Karpagam Institute of Technology
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*(Deemed to be University)*

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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

**“Gesture controlled MAV and**

**Mind Controlled MAV”**

@ 09.30 AM on 02<sup>nd</sup> February 2018

**VENUE: Visweshvaraya Hall**

**Dr.S.SUDALAIMUTHU**

Vice-Chancellor,

Karpagam Academy of Higher Education

**Presides**

*Chief Guest*

**Mr.Suresh Barola**

Barola Technologies,

Chennai, Tamilnadu.

*Organizing Secretaries*

**Mr.C.Nithiyapathi & Mr. J.Arun Prakash**

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



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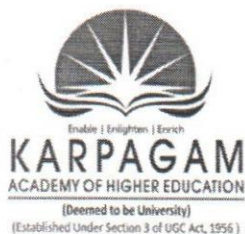
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**FACULTY OF ENGINEERING**

**DEPARTMENT OF MECHANICAL ENGINEERING**



## Report on Workshop on Gesture controlled MAV and Mind Controlled MAV

DATE OF EVENT : 02<sup>nd</sup> February, 2018  
VENUE : Visweshvaraya Hall – Pharmacy Block

### About the Program:

The event of one day workshop on Gesture controlled MAV and Mind Controlled MAV was organized by the Department of Aerospace Engineering, Karpagam Academy of Higher Education, Coimbatore. This training programme was handled by Mr. Suresh Barola, Managing Director, Barola Technologies, Chennai.

The programme was started with prayer song in an inaugural session and inaugurated by Dean, Faculty of Engineering and HOD, Mechanical Engineering of Karpagam Academy of Higher Education. The technical session started with introduction and safety aspects to be followed by the technicians during hands on training.

During the hands on training programme, the participants were allowed to fly drones using mind control and gesture control as well as sufficient interaction with the resource person. The participants practiced both the models controlling MAV

At valedictory session, the Head of the Department, Mechanical Engineering, distributed certificates to the participant. The organizing secretary gave vote of thanks.

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