



**M.A.M SCHOOL OF ENGINEERING**  
(AN ISO 9001:2008 CERTIFIED INSTITUTION)

TRICHY – CHENNAI TRUNK ROAD, SIRUGANUR, TIRUCHIRAPPALLI - 621 105



DEPARTMENT OF AERONAUTICAL ENGINEERING

Cordially invite you for the

**Seminar on**

**“DESIGN OF MICRO SATELLITES”**

On 30<sup>th</sup> JULY 2016

**Dr.P.V.K.PERUMAL**

Head of the Department  
AERONAUTICAL ENGINEERING  
MAMSE.

**Al Haj. Er. M. A. PEER MOHAMED**

Correspondent, M.A.M. School of Engineering

will preside over the function

**Dr.P. RANJITH KUMAR**

Principal, M.A.M. School of Engineering

will felicitate

**VENUE : SMART CLASS ROOM**

**TIME : 3:00 P.M. – 4:30 P.M.**



**M.A.M. SCHOOL OF ENGINEERING**  
SIRUGANUR, TRICHY-621105.



**Seminar on Design of Micro Satellites**

**Agenda**

**Date : 30.07.2016**

**Venue : Smart class room**

**Time: 3.00 PM**

- Kirath
- Tamil Thai Vazhthu
- Lighting the Kuthuvilakku
- Welcome Address by

**Mr. Sheik Mohideen IV/AERO**

President FLYGARE, Aeronautical Engineering

- Presidential Address by

**Haji. M. A. PEER MOHAMED**

Correspondent / M.A.M.S.E.

- Introduction of the speaker
- Felicitation by

**Dr. P. Ranjithkumar**

Principal / M.A.M.S.E.

- Keynote Address by the Speaker

**Dr. P. V. K. Perumal**

HOD / AERO

MAMSE.

- Vote of thanks
- National Anthem





# M.A.M. SCHOOL OF ENGINEERING

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Trichy - chennai Trunk Road, Siruganur, Tiruchirappalli - 621 105, India



## DEPARTMENT OF AERONAUTICAL ENGINEERING DEPARTMENT ACTIVITIES REPORT

- As per the activities planned in the academic calendar 2016-17 (ODD Sem.), Seminar was conducted on "Design of Micro satellites" at Smart Class room (Annexure Block) on 30.7.2016 from 3.00PM to 4.30 PM.
- Dr.P.V.K. Perumal HOD/AERO presented the seminar address.
- Second ,Third and Final year students of aeronautical engineering have participated in this activity.
- The event started with the introduction of speaker to students by the President of FLYGARE Association and he himself spoke about the importance of this kind of seminar to the students.
- Students got a brief knowledge about servos, sensors and multi channel transmitters & receivers.
- The Deployment of solar panel video was screened.
- The speaker clarified the various doubts asked our students.
- During this seminar all our department staff members and visiting professor were present.



Dr.P.V.K.Perumal,HOD/AERO,M.A.M.School of Engineering

Name: Dr.Perumal P.V.K.

Academic Qualifications:

B.E(Hons.) in Mech. Eng., University of Madras, 1967.

M.E. (Mech. Engg.), Stevens Institute of Technology, USA, 1973.

Ph.D. (Mech. Engg.), Stevens Institute of Technology, USA, 1975.

---

**Teaching - 8 years; Industry - 19 years; Research - 18 years.**

Senior Research Assistant, I.I.Sc., Bangalore, 1967-70.

Graduate Research Assistant, Stevens Tech., New Jersey, 1971-'75.

Design Engineer to Chief Design Engineer, Hindustan Aeronautics Ltd., Bangalore, 1977-'96.

Joint Director, CEMILAC, DRDO, Ministry of Defence, Bangalore, 1996-2004.

Principal, Bangalore College of Engineering & Technology, 2004-2007.

Professor, Mech. Engg., The Oxford College of Engineering, 2007-2010.

Professor, Mech. Engg., MVJ College of Engineering, 2010-2011.

Professor & HOD, Aeronautical Engg., MAM School of Engineering, Since Jan. 2012.

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Publications:

37 technical papers in national and international journals, and conferences.

Awards:

Institution of Engineers(India) gold medal for Best Engineering Student of the Year, University of Madras, 1967.

Sri Murugappa Chettiar gold medal for University First Rank in B.E.(Mech. Engg.), University of Madras, 1967.

NRC Post-doctoral Fellowship at NASA Ames Research Center, California, 1975-1977.

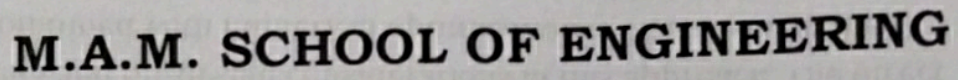
Dr.Ghatge Memorial Best Essay Award, Hindustan Aeronautics Ltd., 1989.

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Wipro Mission 10X Certificate for Excellence in Engineering Education, 2009.

Swimming Champion of the Year at I.I.Sc., 1970.





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### Feedback Form Report

**Name of the Program:** DESIGN OF MICRO SATELLITES

**Date:** 30.07.2016

1. What is your opinion about the duration of this program?  
B. Short                      ☒ Adequate                      C. long
2. Overall, how useful was this program for you?  
☒ Very Much                      B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
☒ Very good                      B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
☒ Very good                      B. Good                      C. Average                      D. Poor
5. How much of knowledge you learned today?  
A. A lot                      ☒ Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
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7. Planning of this programme?  
☒ Very good                      B. Good                      C. Average                      D. Poor
8. Any other comment (if any):





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D. Short                      ☒ B. Adequate                      C. long
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☒ D. Very Much                      B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
☒ D. Very good                      B. Good                      C. Average                      D. Poor
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DEPARTMENT OF AERONAUTICAL ENGINEERING

Cordially invite you for the

**Guest Lecture on**

**“MATERIALS, ENGINES AND DESIGN FOR  
AEROMODELLING”**

On 29<sup>th</sup> AUG 2016

**Mr.DHARMARAJ**

Air Wing Instructor,  
NCC senior Division,  
Trichy.

**Al Haj. Er. M. A. PEER MOHAMED**

Correspondent, M.A.M. School of Engineering

will preside over the function

**Dr.P. RANJITH KUMAR**

Principal, M.A.M. School of Engineering

will felicitate

**VENUE : SMART CLASS ROOM**

**TIME : 3:30 P.M. – 4:30 P.M.**



**M.A.M. SCHOOL OF ENGINEERING**  
SIRUGANUR, TRICHY-621105.



**Guest Lecture on Materials, Engines and Design for Aeromodelling**

**Agenda**

**Date : 29.08.2016**

**Venue : Smart class room**

**Time: 3.30 PM**

- Kirath
- Tamil Thai Vazhthu
- Lighting the Kuthuvilakku
- Welcome Address by

**Dr.P.V.K.Perumal**

HOD/Aero , Aeronautical Engineering

- Presidential Address by

**Haji. M. A. PEER MOHAMED**

Correspondent / M.A.M.S.E.

- Introduction of the Chief Guest
- Felicitation by

**Dr. P.Ranjithkumar**

Principal / M.A.M.S.E.

- Keynote Address by the Chief guest

**Mr.Dharmaraj**

Air wing instructor

NCC senior division

- Vote of thanks
- National Anthem



Mr.Dharmaraj , Air wing instructor , NCC Senior division





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FOR AEROMODELLING

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C. Short                      ☒ B. Adequate                      C. long
2. Overall, how useful was this program for you?  
☒ C. Very Much                      B. To some extent                      C. Not useful
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4. How would you rate the materials presented?  
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**SIRUGAUR, TRICHY-621 105.**

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## Guest Lecture Report On “Non Destructive Testing”

**08.07.2017**

### TABLE OF CONTENTS

SI.NO	DESCRIPTION	PAGE.NO
1	INVITATION	2
2	GUEST PROFILE	3
3	PROGRAMME DETAILS	3
4	COURSE CONTENT	4
5	PHOTO PROOF	5
6	CONCLUSION	5

*S. Arund*  
COMPILED BY

*P. K. S. 8/7/17*  
H.O.D/Aeronautical

Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
Siruganur, Trichy - 621 105.

*[Signature]*  
PRINCIPAL

PRINCIPAL  
M.A.M. SCHOOL OF ENGINEERING  
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Trichy - Chennai Trunk Road, Siruganur, Tiruchirappalli - 621 105, India

## INVITATION

The Department of Aeronautical Engineering Cordially invites second and third Year students and Faculty members of the department activity of Guest lecture program on “**Non Destructive Testing**” at Seminar Hall, M.A.M School of Engineering between 2.30 PM – 4.30 PM on 08.07.2017.

Venue: College Seminar Hall

### Resource Person:

Mr.SanKar Ganesh,

Evershine NDT,

Trichy.

## GUEST PROFILE

### Resource Person:

Name : Mr.SanKar Ganesh,  
Designation : Assistant Engineer,  
Company : Evershine NDT,  
Place : Trichy.

## PROGRAMME DETAILS

Mr.Sankar Ganesh, Assistant Engineer, Evershine NDT, gave a Guest lecture about “**Non Destructive Testing**” at M.A.M School of Engineering on 08.07.2017. He discussed more information about the recent technologies in paper manufacturing industries and problems in solid waste management in industries, opportunities in design field. Totally 55 students and 3 Faculty members attended this program.

### PROGRAM

- Introduction about themselves.
- Guest Lecture on Topic “Importance of reverse engineering and futuristic aerospace”
- Power point presentation of solid waste management.
- Power point presentation of Techniques and advancement
- Video session.
- Interaction session
- Feedback session
- Vote of Thanks

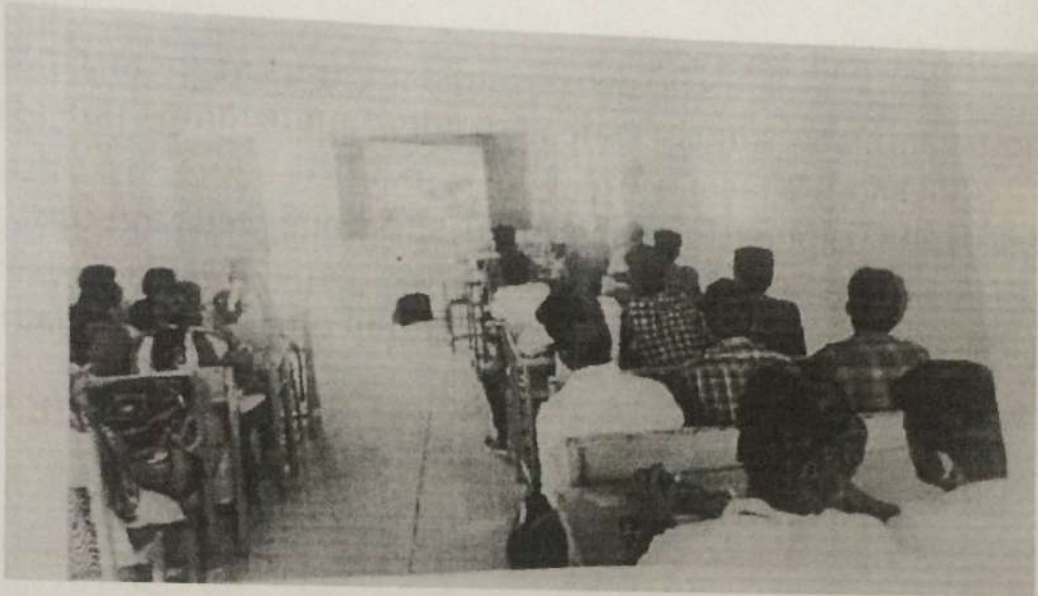


# COURSE CONTENT

## Non Destructive Testing:

NDT stands for Non-Destructive Testing. It refers to an array of inspection methods that allow inspectors to evaluate and collect data about a material, system, or component without permanently altering it. While NDT methods are typically associated with industrial use cases, like inspecting weak points in a boiler used at an oil refinery, uses in medicine are actually some of the most common. For example, an expecting mother getting an ultrasound to check on the health of her baby would be considered an NDT use case, as would getting an X-ray or MRI to learn more about an injury.

### PHOTO PROOF



Mr.Sankar Ganesh, Assistant Engineer, Evershine NDT. Guest lecture on Non Destructive Testing

### **Conclusion**

Mr.Sankar Ganesh, Assistant Engineer, Evershine NDT, had conducted the course “Non Destructive Testing” to department of Aeronautical Engineering II<sup>nd</sup> & III<sup>rd</sup> year students on 08.07.2017 at Semina Hall, M.A.M. School of Engineering, and Trichy. He taught the procedure of testing and techniques of the ndt through video session. It was very useful to Student and Faculty members to get the knowledge of nondestructive testing.





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## Attendance Sheet

Name of the Program: Non Destructive Testing

Date: 08.07.2017

Sl.No	Name	Student enrollment number	Attendance
1	AJEETH K	812116101001	/
2	ALEX NIJANTHAN.M	812116101002	/
3	INDIRA T	812116101003	/
4	IYAPPAN R	812116101004	/
5	JEYAJOTHIL.G	812116101005	/
6	KOWSALYA V	812116101006	/
7	MANIARASAN.J	812116101007	/
8	MARIYAL J	812116101008	/
9	MATHESH.M	812116101009	/
10	MINNAL RAJA.D	812116101010	/
11	NANTHINI R	812116101011	/
12	NITHYA M	812116101012	/
13	PANDEESWARAN.S	812116101013	/
14	POOJA.V	812116101014	/
15	PRAKASH.B	812116101015	/
16	RAGUL S	812116101016	/
17	RAJKUMAR.V	812116101017	/
18	RANJITHKUMAR A	812116101018	/
19	ROBIN.S	812116101019	/
20	SATHISH KUMAR.R	812116101020	/
21	SATHISH RAJ S	812116101021	/
22	SATHIYA.M	812116101022	/
23	SATHIYAN P	812116101023	/
24	SUBASH.A	812116101024	/
25	SURESH KANNAN.K	812116101025	/
26	TAMILSELVAM S	812116101026	/
27	VISHALI.M	812116101027	/
28	AJIS MOHAMED S	812115101001	/
29	AJITHKUMAR S	812115101002	/
30	BHARATHI P	812115101003	/
31	DEEPAC KUMAR S V	812115101004	/
32	DHARMARAJ G	812115101007	/
33	DHINAKARAN V	812115101008	/
34	DHIVYA K	812115101009	/
35	DINESH S	812115101010	/
36	DINESH S	812115101011	/

37	ELUMALAI V	812115101012	/
38	EZHILARASI N	812115101013	/
39	JAYASURYA G	812115101014	/
40	JEEVA S	812115101015	/
41	KAVIYARASAN J	812115101016	/
42	MANIKANDAN M	812115101017	/
43	PARANTHAMAN T	812115101019	/
44	POOVARASAN M	812115101020	/
45	ROMANUS S	812115101021	/
46	VIJAY FEROZ A	812115101023	/
47	VINO K	812115101024	/
48	BALAKRISHNAN.A	812114101001	/
49	DEEPIKA.M	812114101003	/
50	JAYAPRIYA.S	812114101004	/
51	JAYARAJ.D	812114101005	/
52	MANIKANDAN.P	812114101007	/
53	MANIKANDAN.V	812114101008	/
54	MUTHULAKSHMI.M	812114101009	/
55	PRAVEEN KUMAR.V	812114101010	/

*P. K. 8/11/17*  
HOD/Aero

Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
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## Feedback Form Report

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**Date:** 08.07.2017

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B. Short                      ☒ B. Adequate                      C. long
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☒ B. Very Much                      B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
☒ B. Very good                      B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
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7. Planning of this programme?  
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8. Any other comment (if any):

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7. Planning of this programme?  
A. Very good                      ☒ B. Good                      C. Average                      D. Poor
8. Any other comment (if any):  
—



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### Feedback Form Report

**Name of the Program:** Non Destructive Testing

**Date:** 08.07.2017

1. What is your opinion about the duration of this program?  
C. Short                      ☒ B. Adequate                      C. long
2. Overall, how useful was this program for you?  
C. Very Much                      ☒ B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
C. Very good                      ☒ B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
C. Very good                      ☒ B. Good                      C. Average                      D. Poor
5. How much of knowledge you learned today?  
☒ A. A lot                      B. Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
A. Yes                      ☒ B. Some Extent                      C. No
7. Planning of this programme?  
C. Very good                      ☒ B. Good                      C. Average                      D. Poor
8. Any other comment (if any):  
\_\_\_\_\_





**M.A.M SCHOOL OF ENGINEERING**  
**SIRUGAUR, TRICHY-621 105.**

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## Guest Lecture Report On “Modern Aerodynamics”

**14.07.2017**

### TABLE OF CONTENTS

SL.NO	DESCRIPTION	PAGE.NO
1	INVITATION	2
2	GUEST PROFILE	3
3	PROGRAMME DETAILS	3
4	COURSE CONTENT	4
5	PHOTO PROOF	5
6	CONCLUSION	5

*S. Amah*  
COMPILED BY

*P. K. R. R. R.*  
H.O.D/Aeronautical

Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
Siruganur, Trichy - 621 105.

*[Signature]*  
PRINCIPAL

**PRINCIPAL**  
**M.A.M. SCHOOL OF ENGINEERING**  
**SIRIGANUR, TIRUCHIRAPPALLI-621 105.**



# M.A.M. SCHOOL OF ENGINEERING

ISO 9001 : 2008 Certified Institution

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Trichy - chennai Trunk Road, Siruganur, Tiruchirappalli - 621 105, India



## INVITATION

The Department of Aeronautical Engineering Cordially invites second and third Year students and Faculty members of the department activity of Guest lecture program on “**Modern Aerodynamics**” at Seminar Hall, M.A.M School of Engineering between 2.30 PM – 4.30 PM on 14.07.2017.

Venue: College Seminar Hall

### Resource Person:

Mr.Sugumar,  
Assistant Professor,  
Trichy.



## GUEST PROFILE

### Resource Person:

Name : Mr.Sugumar,  
Designation : Assistant Professor,  
College : JJ College of Engineering and Technology,  
Place : Trichy.

## PROGRAMME DETAILS

Mr.Sugumar, Assistant Professor, JJCET, Trichy, gave a Guest lecture about “**Modern Aerodynamics**” at M.A.M School of Engineering on 14.07.2017. He discussed more information about the recent technologies in paper manufacturing industries and problems in solid waste management in industries, opportunities in design field. Totally 55 students and 3 Faculty members attended this program.

### PROGRAM

- Introduction about themselves.
- Guest Lecture on Topic “Importance of reverse engineering and futuristic aerospace”
- Power point presentation of solid waste management.
- Power point presentation of Techniques and advancement
- Video session.
- Interaction session
- Feedback session
- Vote of Thanks

## COURSE CONTENT

### **Modern Aero Dynamics:**

This course is a foundation level course in Aerodynamics. Broadly the content of this course can be divided into two broad topics (1) low speed aerodynamics, (2) high speed aerodynamics. Since Aerodynamics and aerothermodynamics are based on the principles of fluid mechanics and thermodynamics, topics from those two subjects are covered wherever necessary. students will have a broad overview of the field of aerodynamics, its theoretical foundations and its modern day applications. Students will have sufficient background for follow up courses such as (a) low speed aerodynamics (b) high speed aerodynamics and (c) hypersonic aerodynamics



## PHOTO PROOF



Mr.Sugumar, Assistant Professor,JJCET, Trichy. Guest lecture on Modern Aerodynamics

### **Conclusion**

Mr.Sugumar, Assistant Professor,JJCET, Trichy, had conducted the course "Modern Aerodynamics" to department of Aeronautical Engineering II<sup>nd</sup> & III<sup>rd</sup> year students on 14.07.2017 at Seminar Hall M.A.M. School of Engineering, and Trichy. He taught the procedure of testing and techniques of the Modern Aerodynamics through video session. It was very useful to Student and Faculty members to gain the knowledge of modern aerodynamics.



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## Attendance Sheet

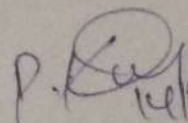
Name of the Program: Modern Aerodynamics

Date: 14.07.2017

Sl.No	Name	Student enrollment number	Attendance
1	AJEETH K	812116101001	/
2	ALEX NIJANTHAN.M	812116101002	/
3	INDIRA T	812116101003	/
4	IYAPPAN R	812116101004	/
5	JEYAJOTHI.G	812116101005	/
6	KOWSALYA V	812116101006	/
7	MANIARASAN.J	812116101007	/
8	MARIYAL J	812116101008	/
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30	BHARATHI P	812115101003	/
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33	DHINAKARAN V	812115101008	/
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37	ELUMALAI V	812115101012	/
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54	MUTHULAKSHMI.M	812114101009	/
55	PRAVEEN KUMAR.V	812114101010	/

  
14/11/17  
HOD/Aero

Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
Siruganur, Trichy - 621 105.



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### Feedback Form Report

**Name of the Program:** Modern Aerodynamics

**Date:** 14.07.2017

1. What is your opinion about the duration of this program?  
B. Short                      ☒ B. Adequate                      C. long
2. Overall, how useful was this program for you?  
B. Very Much                      ☒ B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
☒ B. Very good                      B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
☒ B. Very good                      B. Good                      C. Average                      D. Poor
5. How much of knowledge you learned today?  
☒ A. A lot                      B. Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
☒ A. Yes                      B. Some Extent                      C. No
7. Planning of this programme?  
☒ B. Very good                      B. Good                      C. Average                      D. Poor
8. Any other comment (if any):





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## Feedback Form Report

**Name of the Program:** Modern Aerodynamics

**Date:** 14.07.2017

1. What is your opinion about the duration of this program?  
A. Short                      ☒ B. Adequate                      C. long
2. Overall, how useful was this program for you?  
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3. How would you rate the teaching Qualities?  
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4. How would you rate the materials presented?  
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5. How much of knowledge you learned today?  
☒ A. A lot                      B. Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
A. Yes                      ☒ B. Some Extent                      C. No
7. Planning of this programme?  
A. Very good                      ☒ B. Good                      C. Average                      D. Poor
8. Any other comment (if any):  
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## M.A.M. SCHOOL OF ENGINEERING

Siruganur, Trichy – 621 105.

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(Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai)

### Feedback Form Report

**Name of the Program:** Modern Aerodynamics

**Date:** 14.07.2017

1. What is your opinion about the duration of this program?  
C. Short                      ☒ B. Adequate                      C. long
2. Overall, how useful was this program for you?  
☒ C. Very Much                      B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
☒ C. Very good                      B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
☒ C. Very good                      B. Good                      C. Average                      D. Poor
5. How much of knowledge you learned today?  
☒ A. A lot                      B. Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
☒ A. Yes                      B. Some Extent                      C. No
7. Planning of this programme?  
☒ C. Very good                      B. Good                      C. Average                      D. Poor
8. Any other comment (if any):  
\_\_\_\_\_





## M.A.M. SCHOOL OF ENGINEERING

Siruganur, Trichy – 621 105.

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(Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai)

### Feedback Form Report

**Name of the Program:** Modern Aerodynamics

**Date:** 14.07.2017

1. What is your opinion about the duration of this program?  
D. Short                      ☒ B. Adequate                      C. long
2. Overall, how useful was this program for you?  
☒ D. Very Much                      B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
☒ D. Very good                      B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
☒ D. Very good                      B. Good                      C. Average                      D. Poor
5. How much of knowledge you learned today?  
☒ A. A lot                      B. Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
☒ A. Yes                      B. Some Extent                      C. No
7. Planning of this programme?  
☒ D. Very good                      B. Good                      C. Average                      D. Poor
8. Any other comment (if any):  
\_\_\_\_\_



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# **Guest Lecture Report** **On** **“Production and Fabrication”**

**21.07.2017**

## **TABLE OF CONTENTS**

<b>SL.NO</b>	<b>DESCRIPTION</b>	<b>PAGE.NO</b>
1	INVITATION	2
2	GUEST PROFILE	3
3	PROGRAMME DETAILS	3
4	COURSE CONTENT	4
5	PHOTO PROOF	5
6	CONCLUSION	5

*S. Anand*  
COMPILED BY

*P. K. S.*  
21/7/17  
H.O.D/Aeronautical

Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
Siruganur, Trichy - 621 105.

*[Signature]*  
PRINCIPAL  
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Trichy - chennai Trunk Road, Siruganur, Tiruchirappalli - 621 105, India

## INVITATION

The Department of Aeronautical Engineering Cordially invites second and third Year students and Faculty members of the department activity of Guest lecture program on **“Production and Fabrication”** at Seminar Hall, M.A.M School of Engineering between 2.30 PM – 4.30 PM on 21.07.2017.

Venue: College Seminar Hall

### Resource Person:

Mr. Gopalakrishnan,  
Hi Tech Arai Pvt Ltd,  
Chokikulam.

## GUEST PROFILE

### Resource Person:

Name : Mr.Gopalakrishnan,  
Designation : Plant Manager,  
Company : Hi-tech Arai Private Limited,  
Place : Chokikulam.

## PROGRAMME DETAILS

Mr.Gopalakrishnan, hi-tech aria private limited, gave a Guest lecture about “**Production and Fabrication**” at M.A.M School of Engineering on 21.07.2017. He discussed more information about the recent technologies in paper manufacturing industries and problems in solid waste management in industries, opportunities in design field. Totally 55 students and 3 Faculty members attended this program.

### PROGRAM

- Introduction about themselves.
- Guest Lecture on Topic “Importance of reverse engineering and futuristic aerospace”
- Power point presentation of solid waste management.
- Power point presentation of Techniques and advancement
- Video session.
- Interaction session
- Feedback session
- Vote of Thanks



## COURSE CONTENT

### **Production and Fabrication:**

Theoretical and practical knowledge about basic metalworking processes. Basic knowledge about machine tools and CNC programming. Knowledge about industrial robots and manufacturing automation. Basic knowledge about dimensional measurements and quality engineering. Knowledge about material flow and information flow in the manufacturing industry. Have the skills to make CNC programs manually and by computer-aided methods. Be able to plan and carry out simple manufacturing processes based on product drawings. Have the skills to use different types of measurement instruments and be able to conduct basic quality control.

### PHOTO PROOF



Mr.Gopalakrishnan, hi-tech aria private limited. Guest lecture on Modern Aerodynamics

### **Conclusion**

Mr.Gopalakrishnan, hi-tech aria private limited., had conducted the course "Production and Fabrication" to department of Aeronautical Engineering II<sup>nd</sup> & III<sup>rd</sup> year students on 21.07.2017 a Seminar Hall, M.A.M. School of Engineering, and Trichy. He taught the techniques of the Production and Fabrication through video session. It was very useful to Student and Faculty members to get the knowledge of production and fabrication.





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## Attendance Sheet

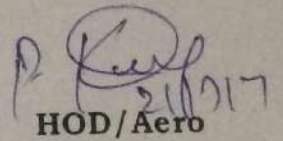
Name of the Program: Production and Fabrication

Date: 21.07.2017

Sl.No	Name	Student enrollment number	Attendance
1	AJEETH K	812116101001	/
2	ALEX NIJANTHAN.M	812116101002	/
3	INDIRA T	812116101003	/
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53	MANIKANDAN.V	812114101008	/
54	MUTHULAKSHMI.M	812114101009	/
55	PRAVEEN KUMAR.V	812114101010	/

  
HOD/Aero

Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
Siruganur, Trichy - 621 105.





## M.A.M. SCHOOL OF ENGINEERING

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### Feedback Form Report

**Name of the Program:** Production and Fabrication

**Date:** 21.07.2017

1. What is your opinion about the duration of this program?  
A. Short                      ☒ B. Adequate                      C. long
2. Overall, how useful was this program for you?  
☒ A. Very Much                      B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
☒ A. Very good                      B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
☒ A. Very good                      B. Good                      C. Average                      D. Poor
5. How much of knowledge you learned today?  
☒ A. A lot                      B. Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
☒ A. Yes                      B. Some Extent                      C. No
7. Planning of this programme?  
A. Very good                      ☒ B. Good                      C. Average                      D. Poor
8. Any other comment (if any):  
—



# M.A.M. SCHOOL OF ENGINEERING

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## Feedback Form Report

**Name of the Program:** Production and Fabrication

**Date:** 21.07.2017

1. What is your opinion about the duration of this program?  
B. Short                      ☒ B. Adequate                      C. long
2. Overall, how useful was this program for you?  
☒ B. Very Much                      B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
☒ B. Very good                      B. Good                      C. Average                      D. Poor
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7. Planning of this programme?  
☒ B. Very good                      B. Good                      C. Average                      D. Poor
8. Any other comment (if any):





## M.A.M. SCHOOL OF ENGINEERING

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### Feedback Form Report

**Name of the Program:** Production and Fabrication

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1. What is your opinion about the duration of this program?  
B. Short                      B. Adequate                      ☒ C. long
2. Overall, how useful was this program for you?  
☒ B. Very Much                      B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
☒ B. Very good                      B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
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### Feedback Form Report

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**M.A.M SCHOOL OF ENGINEERING  
SIRUGAUR, TRICHY-621 105.**

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# **Guest Lecture Report On “Uniqueness in CADD Technology”**

**28.07.2017**

## **TABLE OF CONTENTS**

<b>SI.NO</b>	<b>DESCRIPTION</b>	<b>PAGE.NO</b>
1	INVITATION	2
2	GUEST PROFILE	3
3	PROGRAMME DETAILS	3
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6	CONCLUSION	5

*S. Anand*  
COMPILED BY

*P. K. ...*  
28/7/17  
H.O.D/Aeronautical

*[Signature]*  
PRINCIPAL

Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
Siruganur, Trichy - 621 105.

PRINCIPAL  
M.A.M. SCHOOL OF ENGINEERING  
SIRUGANUR, TRICHY - 621 105.



# M.A.M. SCHOOL OF ENGINEERING

ISO 9001 : 2008 Certified Institution

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Trichy - chennai Trunk Road, Siruganur, Tiruchirappalli - 621 105, India

## INVITATION

The Department of Aeronautical Engineering Cordially invites second and third Year students and Faculty members of the department activity of Guest lecture program on **“Uniqueness in CADD Technology”** at Seminar Hall, M.A.M School of Engineering between 2.30 PM – 4.30 PM on 28.07.2017.

Venue: College Seminar Hall

### Resource Person:

Mr.B.Lawrance,

A+ CADD,

Trichy.



## GUEST PROFILE

### Resource Person:

Name : Mr.B.Lawrance,  
Designation : CEO,  
Company : A+ CADD Centre,  
Place : Trichy.

## PROGRAMME DETAILS

Mr.B.Lawrance, A+ CADD Centre, gave a Guest lecture about “**Uniqueness in CADD Technology**” at M.A.M School of Engineering on 28.07.2017. He discussed more information about the recent technologies in paper manufacturing industries and problems in solid waste management in industries, opportunities in design field. Totally 55 students and 3 Faculty members attended this program.

### PROGRAM

- Introduction about themselves.
- Guest Lecture on Topic “Importance of reverse engineering and futuristic aerospace”
- Power point presentation of solid waste management.
- Power point presentation of Techniques and advancement
- Video session.
- Interaction session
- Feedback session
- Vote of Thanks

## COURSE CONTENT

### **Uniqueness in CADD Technology:**

This is structured in such a way that it applies to any version of Autocad from 2007-2016. Covering all the topics which is required to work with this tool. Anyone can take up this course without any prerequisite or any prior knowledge, will be able to enhance their skills in AutoCad that is for sure. CAD drawings have a common purpose to convey information on how to Construct / Production. In order to start any constructions, we must have CAD drawings with precise details. By taking up this course, it will enable you to learn CAD easily within no time. We have taken the burden of reducing the content to what is required to Master AutoCad, which will be pretty helpful to apply in Real World.



## PHOTO PROOF



Mr.B.Lawrance, A+ CADD Centre. Guest lecture on Modern Aerodynamics

### **Conclusion**

Mr.B.Lawrance, A+ CADD Centre, had conducted the course “Uniqueness in CADD Technology” to department of Aeronautical Engineering II<sup>nd</sup> & III<sup>rd</sup> year students on 28.07.2017 at Seminar Hall, M.A.M School of Engineering, and Trichy. He taught the techniques of the Uniqueness in CADD Technology through video session. It was very useful to Student and Faculty members to get the knowledge of CADD



# M.A.M. SCHOOL OF ENGINEERING

Siruganur, Trichy – 621 105.

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## Attendance Sheet

Name of the Program: Uniqueness in CADD Technology

Date: 28.07.2017

Sl.No	Name	Student enrollment number	Attendance
1	AJEETH K	812116101001	/
2	ALEX NIJANTHAN.M	812116101002	/
3	INDIRA T	812116101003	/
4	IYAPPAN R	812116101004	/
5	JEYAJOTHI.G	812116101005	/
6	KOWSALYA V	812116101006	/
7	MANIARASAN.J	812116101007	/
8	MARIYAL J	812116101008	/
9	MATHESH.M	812116101009	/
10	MINNAL RAJA.D	812116101010	/
11	NANTHINI R	812116101011	/
12	NITHYA M	812116101012	/
13	PANDEESWARAN.S	812116101013	/
14	POOJA.V	812116101014	/
15	PRAKASH.B	812116101015	/
16	RAGUL S	812116101016	/
17	RAJKUMAR.V	812116101017	/
18	RANJITHKUMAR A	812116101018	/
19	ROBIN.S	812116101019	/
20	SATHISH KUMAR.R	812116101020	/
21	SATHISH RAJ S	812116101021	/
22	SATHIYA.M	812116101022	/
23	SATHIYAN P	812116101023	/
24	SUBASH.A	812116101024	/
25	SURESH KANNAN.K	812116101025	/
26	TAMILSELVAM S	812116101026	/
27	VISHALI.M	812116101027	/
28	AJIS MOHAMED S	812115101001	/
29	AJITHKUMAR S	812115101002	/
30	BHARATHI P	812115101003	/
31	DEEPAC KUMAR S V	812115101004	/
32	DHARMARAJ G	812115101007	/
33	DHINAKARAN V	812115101008	/
34	DHIVYA K	812115101009	/
35	DINESH S	812115101010	/
36	DINESH S	812115101011	/



37	ELUMALAI V	812115101012	/
38	EZHILARASI N	812115101013	/
39	JAYASURYA G	812115101014	/
40	JEEVA S	812115101015	/
41	KAVIYARASAN J	812115101016	/
42	MANIKANDAN M	812115101017	/
43	PARANTHAMAN T	812115101019	/
44	POOVARASAN M	812115101020	/
45	ROMANUS S	812115101021	/
46	VIJAY FEROZ A	812115101023	/
47	VINO K	812115101024	/
48	BALAKRISHNAN.A	812114101001	/
49	DEEPIKA.M	812114101003	/
50	JAYAPRIYA.S	812114101004	/
51	JAYARAJ.D	812114101005	/
52	MANIKANDAN.P	812114101007	/
53	MANIKANDAN.V	812114101008	/
54	MUTHULAKSHMI.M	812114101009	/
55	PRAVEEN KUMAR.V	812114101010	/

*P. K. Srinivasan*  
20/01/17  
HOD/Aero

Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
Siruganur, Trichy - 621 105



## M.A.M. SCHOOL OF ENGINEERING

Siruganur, Trichy – 621 105.

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### Feedback Form Report

**Name of the Program:** Uniqueness in CADD Technology

**Date:** 28.07.2017

1. What is your opinion about the duration of this program?  
D. Short                      ☒ B. Adequate                      C. long
2. Overall, how useful was this program for you?  
D. Very Much                      ☒ B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
☒ D. Very good                      B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
☒ D. Very good                      B. Good                      C. Average                      D. Poor
5. How much of knowledge you learned today?  
A. A lot                      ☒ B. Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
☒ A. Yes                      B. Some Extent                      C. No
7. Planning of this programme?  
☒ D. Very good                      B. Good                      C. Average                      D. Poor
8. Any other comment (if any):





## M.A.M. SCHOOL OF ENGINEERING

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### Feedback Form Report

**Name of the Program:** Uniqueness in CADD Technology

**Date:** 28.07.2017

1. What is your opinion about the duration of this program?  
C. Short                      B. Adequate                      ☒ C. long
2. Overall, how useful was this program for you?  
C. Very Much                      ☒ B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
C. Very good                      ☒ B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
C. Very good                      ☒ B. Good                      C. Average                      D. Poor
5. How much of knowledge you learned today?  
☒ A. A lot                      B. Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
☒ A. Yes                      B. Some Extent                      C. No
7. Planning of this programme?  
C. Very good                      ☒ B. Good                      C. Average                      D. Poor
8. Any other comment (if any):



## M.A.M. SCHOOL OF ENGINEERING

Siruganur, Trichy – 621 105.

(Accredited by NAAC)

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### Feedback Form Report

**Name of the Program:** Uniqueness in CADD Technology

**Date:** 28.07.2017

1. What is your opinion about the duration of this program?  
A. Short                      ☒ B. Adequate                      C. long
2. Overall, how useful was this program for you?  
☒ A. Very Much                      B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
☒ A. Very good                      B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
☒ A. Very good                      B. Good                      C. Average                      D. Poor
5. How much of knowledge you learned today?  
☒ A. A lot                      B. Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
☒ A. Yes                      B. Some Extent                      C. No
7. Planning of this programme?  
☒ A. Very good                      B. Good                      C. Average                      D. Poor
8. Any other comment (if any):  
No





# M.A.M. SCHOOL OF ENGINEERING

Siruganur, Trichy – 621 105.

(Accredited by NAAC)

(Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai)

## Feedback Form Report

**Name of the Program:** Uniqueness in CADD Technology

**Date:** 28.07.2017

1. What is your opinion about the duration of this program?  
B. Short                      ☒ B. Adequate                      C. long
2. Overall, how useful was this program for you?  
B. Very Much                      ☒ B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
B. Very good                      ☒ B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
B. Very good                      ☒ B. Good                      C. Average                      D. Poor
5. How much of knowledge you learned today?  
☒ A. A lot                      B. Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
☒ A. Yes                      B. Some Extent                      C. No
7. Planning of this programme?  
B. Very good                      ☒ B. Good                      C. Average                      D. Poor
8. Any other comment (if any):  
\_\_\_\_\_



M.A.M SCHOOL OF ENGINEERING  
SIRUGAUR, TRICHY-621 105.



# Guest Lecture Report On “NDT Methods and its Techniques”

24.12.2018

## TABLE OF CONTENTS

SLNO	DESCRIPTION	PAGE.NO
1	INVITATION	2
2	GUEST PROFILE	3
3	PROGRAMME DETAILS	3
4	COURSE CONTENT	4
5	PHOTO PROOF	5
6	CONCLUSION	5

N. S. S. S.  
27/12/18  
COMPILED BY

H.O.D/  
27/12/18

PRINCIPAL

Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
Siruganur, Trichy - 621 105.

PRINCIPAL  
M.A.M. SCHOOL OF ENGINEERING  
SIRIGANUR, TIRUCHIRAPPALLI-621 105.





# M.A.M. SCHOOL OF ENGINEERING

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Trichy - Chennai Trunk Road, Siruganur, Tiruchirappalli - 621 105, India



## INVITATION

The Department of Aeronautical Engineering Cordially invites second and third Year students and Faculty members of the department activity of Guest lecture program on **“NDT Methods and its Techniques”** at Seminar Hall, M.A.M School of Engineering between 2.30 PM – 4.30 PM on 24.12.2018.

Venue: College Seminar Hall

### Resource Person:

**Er.Shankar Ganesh,**  
Relationship officer  
Evershine Non Destructive Testing and Training,  
Trichy.

Mobile number: 98654 20345

## GUEST PROFILE

### Resource Person:

**Er.Shankar Ganesh,**  
Relationship officer  
Evershine Non Destructive Testing and Training,  
Trichy.

Mobile number: 98654 20345

## PROGRAMME DETAILS

**Er.Shankar Ganesh,** Relationship officer, Evershine Non Destructive Testing and Training gave a Guest lecture about “**NDT Methods and its Techniques**” at M.A.M School of Engineering on 24.12.2018. He discussed more information about the Basics of NDT Methods and its Techniques and its applications in industries, opportunities in design field. Totally 52 students and 3 Faculty members attended this program.

### PROGRAM

- Introduction about themselves.
- Guest Lecture on Topic “NDT Methods and its Techniques”
- Power point presentation of NDT Methods.
- Power point presentation of Techniques and Testing methods
- Video session.
- Interaction session
- Feedback session
- Vote of Thanks



## COURSE CONTENT

### **NON DESTRUCTIVE TESTING:**

Nondestructive testing (NDT) is a wide group of analysis techniques used in science and technology industry to evaluate the properties of a material, component or system without causing damage. The terms nondestructive examination (NDE), nondestructive inspection (NDI), and nondestructive evaluation (NDE) are also commonly used to describe this technology. Because NDT does not permanently alter the article being inspected, it is a highly valuable technique that can save both money and time in product evaluation, troubleshooting, and research. The six most frequently used NDT methods are eddy-current, magnetic-particle, liquid penetrant, radiographic, ultrasonic, and visual testing.[3] NDT is commonly used in forensic engineering, mechanical engineering, petroleum engineering, electrical engineering, civil engineering, systems engineering, aeronautical engineering, medicine, and art. Innovations in the field of nondestructive testing have had a profound impact on medical imaging, including on echocardiography, medical ultrasonography, and digital radiography.

Various national and international trade associations exist to promote the industry, knowledge about non-destructive testing, and to develop standard methods and training. These include the American Society for Nondestructive Testing, the Non-Destructive Testing Management Association, and the International Committee for Non-Destructive Testing, the European Federation for Non-Destructive Testing and the British Institute of Non-Destructive Testing.

### PHOTO PROOF



**Er. Shankar Ganesh**, Relationship officer, Evershine Non Destructive Testing and Training, Trichy.

### **Conclusion**

**Er. Shankar Ganesh**, Relationship officer, Evershine Non Destructive Testing and Training had conducted the course "NDT Methods and its Techniques" to department of Aeronautical Engineering II<sup>nd</sup> & III<sup>rd</sup> year students on 24.12.2018 at Seminar Hall, M.A.M. School of Engineering, Trichy. He covers the topics such as non destructive testing techniques, purpose of testing course. Finally taught the procedure of testing and techniques of the engineering models through video session. It was very useful to Student and Faculty members to get the knowledge of advances in Design systems.





# M.A.M. SCHOOL OF ENGINEERING

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## Attendance Sheet

**Name of the Program:** NDT Methods and its Techniques

**Date:** 24.12.2018

Sl.No	Name	Student enrollment number	Attendance
1	ABDUL RAHMAN K	812117101001	/
2	ABIRAMI M	812117101002	/
3	AJITH KUMAR V	812117101003	/
4	ARUNKUMAR M	812117101004	/
5	BALAMURUGAN R	812117101005	/
6	CHARULATHA R	812117101006	/
7	DIVYA P	812117101007	/
8	GOKULNATH M	812117101008	/
9	GOKULRAJ K	812117101009	/
10	GOWTHUM T	812117101010	/
11	HARIHARAN P	812117101011	/
12	JAYA PRAKASH R	812117101012	/
13	KALAIDEEPAN D	812117101013	/
14	KATHIRAVAN C	812117101015	/
15	KAVIYA S	812117101016	/
16	KRISHNA S	812117101017	/
17	MOHAMED ILYAS M	812117101018	/
18	MUTHUKRISHNAN K	812117101019	/
19	NANTHAKUMAR K	812117101020	/
20	NAVINDHAR M	812117101022	/
21	NAVINKUMAR A	812117101023	/
22	PALANISAMY P	812117101024	/
23	PASUPATHI K	812117101025	/
24	PRADEEPAN R	812117101026	/
25	PRASANTH M	812117101027	/
26	RAJADUARI S	812117101028	/
27	RAJITH KUMAR A	812117101029	/
28	SAJAHAN B	812117101030	/
29	SARATHBABU P	812117101031	/
30	SATHISH S	812117101032	/
31	SIBI A	812117101033	/
32	SOUNTHIRARAJAN P	812117101034	/
33	SRIDHARAN D	812117101035	/
34	SUBBU LOKESH G	812117101036	/
35	THANISH P	812117101037	/
36	VIDHYASREE P	812117101038	/

37	YUVASHRI R	812117101039	/
38	MOULI M	812117101040	/
39	AJEETH K	812116101001	/
40	ALEX NIJANTHAN.M	812116101002	/
41	INDIRA T	812116101003	/
42	IYAPPAN R	812116101004	/
43	JEYAJOTHI.G	812116101005	/
44	KOWSALYA V	812116101006	/
45	MANIARASAN.J	812116101007	/
46	MARIYAL J	812116101008	/
47	MATHESH.M	812116101009	/
48	MINNAL RAJA.D	812116101010	/
49	NANTHINI R	812116101011	/
50	NITHYA M	812116101012	/
51	PANDEESWARAN.S	812116101013	/
52	POOJA.V	812116101014	/

*[Signature]*  
HOD/Aero 24/12/14

Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
Siruganur,Trichy - 621 105.





## M.A.M. SCHOOL OF ENGINEERING

Siruganur, Trichy – 621 105.

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### Feedback Form Report

**Name of the Program:** NDT Methods and its Techniques

**Date:** 24.12.2018

1. What is your opinion about the duration of this program?  
D. Short                      ☒ Adequate                      C. long
2. Overall, how useful was this program for you?  
☒ Very Much                      B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
☒ Very good                      B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
☒ Very good                      B. Good                      C. Average                      D. Poor
5. How much of knowledge you learned today?  
☒ A lot                      B. Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
A. Yes                      ☒ Some Extent                      C. No
7. Planning of this programme?  
☒ Very good                      B. Good                      C. Average                      D. Poor
8. Any other comment (if any): —



# M.A.M. SCHOOL OF ENGINEERING

Siruganur, Trichy – 621 105.

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## Feedback Form Report

**Name of the Program:** NDT Methods and its Techniques

**Date:** 24.12.2018

1. What is your opinion about the duration of this program?  
B. Short                      ☒ Adequate                      C. long
2. Overall, how useful was this program for you?  
☒ Very Much                      B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
☒ Very good                      B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
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5. How much of knowledge you learned today?  
☒ A lot                      B. Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
A. Yes                      ☒ Some Extent                      C. No
7. Planning of this programme?  
☒ Very good                      B. Good                      C. Average                      D. Poor
8. Any other comment (if any):  
No



8. Any other comment (if any): \_\_\_\_\_



## M.A.M. SCHOOL OF ENGINEERING

Siruganur, Trichy – 621 105.

(Accredited by NAAC)

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### Feedback Form Report

**Name of the Program:** NDT Methods and its Techniques

**Date:** 24.12.2018

1. What is your opinion about the duration of this program?  
C. Short                      B. Adequate                      ☒ C. long
2. Overall, how useful was this program for you?  
☒ C. Very Much                      B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
C. Very good                      ☒ B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
☒ C. Very good                      B. Good                      C. Average                      D. Poor
5. How much of knowledge you learned today?  
☒ A. A lot                      B. Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
☒ A. Yes                      B. Some Extent                      C. No
7. Planning of this programme?  
C. Very good                      ☒ B. Good                      C. Average                      D. Poor
8. Any other comment (if any): —



24/12/2018

## TIRUCHI TODAY

### RELIGION

**Sri Ranganathaswamy Temple, Srirangam:** Vaikunda Ekadasi, Sri Namperumal purappadu from sanctum sanctorum, 3 p.m.; reaching Thirumamani Asthana mandapam, 5.45 p.m.; Thirukaithala Seval, 6 p.m.; arayer seva, 6.30 to 9.30 p.m.; purappadu from the mandapam, 11.30 p.m.; reaching sanctum sanctorum to the accompaniment of veena, 12.45 a.m. (Tuesday); Moolavar Muthangi Seva - 6 to 11 a.m. & 4.15 to 8.30 p.m.; Paramapadavasal open from 4 p.m. to 8.30 p.m.

**Sri Ayyappa Sangam:** Mandala pooja, Ganapathi homam, Sri Ayyappan Temple, Lawsons Road, 5.15 a.m.; abishekam, 6.30 p.m.; Ushath pooja, 7.30 a.m.; Komatha pooja, 10.15 a.m.; uchikala pooja, 10.30 a.m.; pooja, deeparadhana, 6.30 p.m.; veena concert by B.Sivakumar and party, 7 p.m.; ratha bhavani, Harivarasanam, 9 p.m.

**Sri Srinivasa Perumal Temple, Indira Nagar:** Sri Bishma Vaikunda Ekadasi, Irappathu, Thiruvaimozhi, Azhvar purappadu, 6.30 p.m.; sattrumural goshti, 7.30 p.m.

**Sri Venkatachalapathi Temple, BHEL Township:** Thirudhyayana ut-savam, Thiruvaimozhi thirunal, 8 p.m.

**Sri Ananthakrishna Varadharaja Perumal Temple:** Dhanur masa bhajans, Angarai, 5.30 a.m.

**Sri Vishnu Sahasranama Parayana Sabha:** Sri Vishnu Sahasranama parayanam, Sri Kothandaramar Sannidhi, Sesharayar Mandapam, Srirangam Sri Ranganathaswamy Temple, 6 p.m.

**Sri Rama Nama Sath Sangam, Ayyappa Nagar:** Sri Rama Nama parayanam, Andal Street, 6 p.m.

### GENERAL

**Seshasayee Institute of Technology:** National Mathematics Day, R.Srikanth, Associate Dean, SASTRA Deemed University, speaks, 3.30 p.m.

**Nehru Memorial College Department of Mathematics:** Lecture on 'Introduction to number theory with cryptography,' by A.Hari Ganesh, Assistant Professor, Poompuhar College, 10.30 a.m.

**M.A.M.School of Engineering:** Programme on NDT methods and its techniques, 2.30 p.m.

**Department of Information and Public Relations:** Government exhibition, Pattabiraman Street, Thennur, 4 p.m. to 10 p.m.

**National College:** Young Student Scientists Programme 2018, K.Sivasamy, Deputy Director, Tamil Development Department, Tiruchi, inaugurates, 9.30 a.m.



**M.A.M SCHOOL OF ENGINEERING**  
**SIRUGAUR, TRICHY-621 105.**

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**Guest Lecture Report**  
**On**  
**“Importance of reverse engineering and futuristic**  
**Aerospace”**

**16.07.2018**

**TABLE OF CONTENTS**

<b>SL.NO</b>	<b>DESCRIPTION</b>	<b>PAGE.NO</b>
1	INVITATION	2
2	GUEST PROFILE	3
3	PROGRAMME DETAILS	3
4	COURSE CONTENT	4
5	PHOTO PROOF	5
6	CONCLUSION	5

*P. Kup*  
COMPILED BY

*H.O.D*  
H.O.D/Aeronautical

*Principal*  
PRINCIPAL

**Head of the Department**  
**Aeronautical Engineering**  
**M.A.M.School of Engineering**  
**Siruganur, Trichy - 621 105.**

**M.A.M. SCHOOL OF ENGINEERING**  
**SIRIGANUR, TIRUCHIRAPPALLI-621 105.**





# M.A.M. SCHOOL OF ENGINEERING

ISO 9001 : 2008 Certified Institution

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Trichy - chennai Trunk Road, Siruganur, Tiruchirappalli - 621 105, India

## INVITATION

The Department of Aeronautical Engineering Cordially invites second and third Year students and Faculty members of the department activity of Guest lecture program on **“Importance of reverse engineering and futuristic aerospace”** at Seminar Hall, M.A.M. School of Engineering between 2.30 PM – 4.30 PM on 16.07.2018.

Venue: College Seminar Hall

### Resource Person:

Mr.P.Vivek,  
Assistant Professor,  
Trichy.

## GUEST PROFILE

### Resource Person:

Mr.P.Vivek,  
Assistant Professor,  
JJ College of Engineering,  
Trichy.

## PROGRAMME DETAILS

Mr.P.Vivek, Assistant Professor, JJ College of Engineering, Trichy. gave a Guest lecture about **“Importance of reverse engineering and futuristic aerospace”** at M.A.M School of Engineering on 16.07.2018. He discussed more information about the recent technologies in paper manufacturing industries and problems in solid waste management in industries, opportunities in design field. Totally 72 students and 3 Faculty members attended this program.

### PROGRAM

- Introduction about themselves.
- Guest Lecture on Topic “Importance of reverse engineering and futuristic aerospace”
- Power point presentation of solid waste management.
- Power point presentation of Techniques and advancement
- Video session.
- Interaction session
- Feedback session
- Vote of Thanks



## COURSE CONTENT

### **Importance of reverse engineering and futuristic aerospace:**

Reverse engineering is a useful technique used in manufacturing and design process of new components. In aerospace industry new components can be developed, based on existing components without technical Computer Aided Design (CAD) data, in order to reduce the development cycle of new products. This paper proposes a methodology wherein the CAD model of turbine blade can be build using computer aided reverse engineering technique utilising a 5 axis Coordinate Measuring Machine (CMM). The proposed methodology uses a scanning strategy by features, followed by a design methodology for 3D modelling of complex shapes.

## PHOTO PROOF



Mr.P.Vivek, Assistant Professot, JJ College of Engineering,Trichy. Guest lecture on Importance of reverse engineering and futuristic aerospace

### **Conclusion**

Mr.P.Vivek. Assistant Professot,JJ College of Engineering,, Trichy, had conducted the course “Importance of reverse engineering and futuristic aerospace” to department of Aeronautical Engineering II<sup>nd</sup> & III<sup>rd</sup> year students on 16.07.2018 at Seminar Hall, M.A.M. School of Engineering, and Trichy. He covers the topics such as futuristic aerospace. Finally taught the procedure of testing and techniques of the aerospace through video session. It was very useful to Student and Faculty members to get the knowledge of reverse engineering and futuristic aerospace.





# M.A.M. SCHOOL OF ENGINEERING

Siruganur, Trichy – 621 105.

(Accredited by NAAC)

(Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai)

## Attendance Sheet

**Name of the Program:** Importance of reverse engineering

**Date:** 16.07.2018

and futuristic aerospace

Sl.No	Name	Student enrollment number	Attendance
1	ABDUL RAHMAN K	812117101001	/
2	ABIRAMI M	812117101002	/
3	AJITH KUMAR V	812117101003	/
4	ARUNKUMAR M	812117101004	/
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P. Keerthi  
16/11/18  
HOD/Aero

Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
Siruganur, Trichy - 621 105





## M.A.M. SCHOOL OF ENGINEERING

Siruganur, Trichy – 621 105.

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### Feedback Form Report

**Name of the Program:** Importance of reverse engineering  
and futuristic aerospace

**Date:** 16.07.2018

1. What is your opinion about the duration of this program?  
C. Short                      ☒ B. Adequate                      C. long
2. Overall, how useful was this program for you?  
C. Very Much                      ☒ B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
C. Very good                      ☒ B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
C. Very good                      ☒ B. Good                      C. Average                      D. Poor
5. How much of knowledge you learned today?  
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7. Planning of this programme?  
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8. Any other comment (if any):  
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**M.A.M SCHOOL OF ENGINEERING  
SIRUGAUR, TRICHY-621 105.**

(Accredited by NAAC)

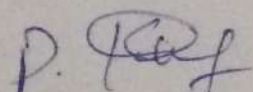
Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

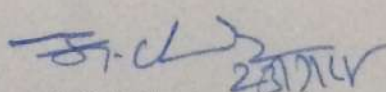
# **Guest Lecture Report On “Non destructive testing and software usage”**

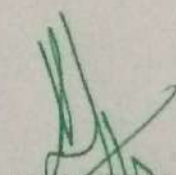
**23.07.2018**

## **TABLE OF CONTENTS**

<b>SI.NO</b>	<b>DESCRIPTION</b>	<b>PAGE.NO</b>
1	INVITATION	2
2	GUEST PROFILE	3
3	PROGRAMME DETAILS	3
4	COURSE CONTENT	4
5	PHOTO PROOF	5
6	CONCLUSION	5

  
COMPILED BY

  
H.O.D/Aeronautical

  
PRINCIPAL

**Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
Siruganur, Trichy - 621 105.**

**PRINCIPAL  
M.A.M. SCHOOL OF ENGINEERING  
SIRIGANUR, TIRUCHIRAPPALLI-621 105**



# M.A.M. SCHOOL OF ENGINEERING

ISO 9001 : 2008 Certified Institution

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Trichy - Chennai Trunk Road, Siruganur, Tiruchirappalli - 621 105, India



## INVITATION

The Department of Aeronautical Engineering Cordially invites second and third Year students and Faculty members of the department activity of Guest lecture program on **“Non destructive testing and software usage”** at Seminar Hall, M.A.M School of Engineering between 2.30 PM – 4.30 PM on 23.07.2018.

Venue: College Seminar Hall

### Resource Person:

Mr.Ramasamy,  
Trichy.



## GUEST PROFILE

### Resource Person:

Mr.Ramasamy,  
Trichy.

## PROGRAMME DETAILS

Mr.Ramasamy, Trichy. gave a Guest lecture about “**Non destructive testing and software usage**” at M.A.M School of Engineering on 23.07.2018. He discussed more information about the recent technologies in paper manufacturing industries and problems in solid waste management in industries, opportunities in design field. Totally 72 students and 3 Faculty members attended this program.

### PROGRAM

- Introduction about themselves.
- Guest Lecture on Topic “Importance of reverse engineering and futuristic aerospace”
- Power point presentation of solid waste management.
- Power point presentation of Techniques and advancement
- Video session.
- Interaction session
- Feedback session
- Vote of Thanks

## COURSE CONTENT

### **Non destructive testing and software usage:**

Non-destructive testing (NDT) is a testing and analysis technique used by industry to evaluate the properties of a material, component, structure or system for characteristic differences or welding defects and discontinuities without causing damage to the original part. NDT also known as non-destructive examination (NDE), non-destructive inspection (NDI) and non-destructive evaluation (NDE). There are a number of distinct advantages, the most obvious of which is that the pieces being tested are left undamaged by the process, allowing for an item to be repaired rather than replaced should any problems be found. It is also a very safe testing method for operators, with most techniques being harmless to humans, although some types of test - such as radiographic testing - still need to be conducted under strict conditions. This testing technique can also help prevent injury or fatalities by ensuring structures, components and machinery is safe.



## PHOTO PROOF



Mr.Ramasamy, Trichy. Guest lecture on Importance of reverse engineering and futuristic aerospace

### **Conclusion**

Mr.Ramasamy., Trichy, had conducted the course “Non destructive testing and software usage” to department of Aeronautical Engineering II<sup>nd</sup> & III<sup>rd</sup> year students on 23.07.2018 at Seminar Hall, M.A.M School of Engineering, and Trichy. He covers the topics such as non destructive testing. Finally taught the procedure of testing and techniques of the software usage in ndt through video session. It was very useful to Student and Faculty members to get the knowledge of Non destructive testing and software usage.



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## Attendance Sheet


**Name of the Program:** Non destructive testing and software usage

**Date:** 23.07.2018

Sl.No	Name	Student enrollment number	Attendance
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2	ABIRAMI M	812117101002	/
3	AJITH KUMAR V	812117101003	/
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HOD/Aero

**Head of the Department**  
**Aeronautical Engineering**  
**M.A.M.School of Engineering**  
**Siruganur, Trichy - 621 105,**



# M.A.M. SCHOOL OF ENGINEERING

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## Feedback Form Report

**Name of the Program:** Non destructive testing and software usage

**Date:** 23.07.2018

1. What is your opinion about the duration of this program?  
B. Short                      B. Adequate                      ☒ C. long
2. Overall, how useful was this program for you?  
☒ B. Very Much                      B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
☒ B. Very good                      B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
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5. How much of knowledge you learned today?  
☒ A. A lot                      B. Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
☒ A. Yes                      B. Some Extent                      C. No
7. Planning of this programme?  
B. Very good                      ☒ B. Good                      C. Average                      D. Poor
8. Any other comment (if any):  
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# **Guest Lecture Report**

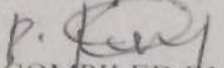
## **On**

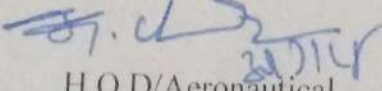
### **“Application of software usage in Aerospace”**

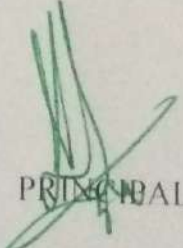
**30.07.2018**

#### **TABLE OF CONTENTS**

<b>SI.NO</b>	<b>DESCRIPTION</b>	<b>PAGE.NO</b>
1	INVITATION	2
2	GUEST PROFILE	3
3	PROGRAMME DETAILS	3
4	COURSE CONTENT	4
5	PHOTO PROOF	5
6	CONCLUSION	5

  
COMPILED BY

  
H.O.D/Aeronautical

  
PRINCIPAL

**Head of the Department**  
**Aeronautical Engineering**  
**M.A.M.School of Engineering**  
**Siruganur, Trichy - 621 105.**

**PRINCIPAL**  
**M.A.M. SCHOOL OF ENGINEERING**  
**SIRIGANUR, TIRUCHIRAPPALLI-621 105.**





# M.A.M. SCHOOL OF ENGINEERING

ISO 9001 : 2008 Certified Institution

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai  
Trichy - Chennai Trunk Road, Siruganur, Tiruchirappalli - 621 105, India

## INVITATION

The Department of Aeronautical Engineering Cordially invites second and third Year students and Faculty members of the department activity of Guest lecture program on **“Application of software usage in Aerospace”** at Seminar Hall, M.A.M School of Engineering between 2.30 PM – 4.30 PM on 30.07.2018.

Venue: College Seminar Hall

### Resource Person:

Mr.Aslam,

Trichy.

## COURSE CONTENT

### **Application of software usage in Aerospace:**

ARR-Avoidance Re-Router, The Collins Aerospace ARR-7000 is an advanced cognitive decision aiding application that allows pilots to quickly react to stationary or moving threats encountered along the flight path. ARR-7000 will alert the pilot when it detects a conflict and generate a new flight plan to avoid the threat while minimizing the impact to the original mission. Re-routes can be optimized for time, fuel, safety, ATC acceptability, or other factors, and pilots have the ability to review the re-route before it is executed. The ARR-7000 is a FACE™ Conformant Certified software product that provides an open architecture 3rd party interface. This allows customers and systems integrators to utilize aircraft unique sensors and networks for data inputs.



### PHOTO PROOF



Mr.Aslam, Trichy. Guest lecture on Application of software usage in Aerospace

### **Conclusion**

Mr.Aslam., Trichy, had conducted the course "Application of software usage in Aerospace" to department of Aeronautical Engineering II<sup>nd</sup> & III<sup>rd</sup> year students on 30.07.2018 at Seminar Hall, M.A.M School of Engineering, and Trichy. He covers the topics such as applications of aerospace. Finally taught the procedure of testing and techniques of the software usage in aerospace through video session. It was very useful to Student and Faculty members to get the knowledge of advances in Design systems.



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## Attendance Sheet

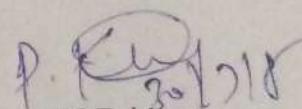
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62	SURESH KANNAN.K	812116101025	/
63	TAMILSELVAM S	812116101026	/
64	VISHALI.M	812116101027	/
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66	BALASINGAM	812116101501	/
67	AJIS MOHAMED S	812115101001	/
68	AJITHKUMAR S	812115101002	/
69	BHARATHI P	812115101003	/
70	DEEPAC KUMAR S V	812115101004	/
71	DHARMARAJ G	812115101007	/
72	DHINAKARAN V	812115101008	/

  
HOD/Aero

Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
Siruganur, Trichy - 621 105,



## M.A.M. SCHOOL OF ENGINEERING

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### Feedback Form Report

**Name of the Program:** Application of software usage in Aerospace

**Date:** 30.07.2018

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8. Any other comment (if any):  
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2. Overall, how useful was this program for you?  
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3. How would you rate the teaching Qualities?  
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6. Did it fulfill your expectation?  
☒ A. Yes                      B. Some Extent                      C. No
7. Planning of this programme?  
C. Very good                      ☒ B. Good                      C. Average                      D. Poor
8. Any other comment (if any):                      —



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2. Overall, how useful was this program for you?  
☒ B. Very Much                      B. To some extent                      C. Not useful
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4. How would you rate the materials presented?  
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6. Did it fulfill your expectation?  
☒ A. Yes                      B. Some Extent                      C. No
7. Planning of this programme?  
☒ B. Very good                      B. Good                      C. Average                      D. Poor
8. Any other comment (if any):  
no





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**Name of the Program:** Application of software usage in Aerospace

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1. What is your opinion about the duration of this program?  
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✓



**M.A.M SCHOOL OF ENGINEERING  
SIRUGAUR, TRICHY-621 105.**

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## Guest Lecture Report On “Additive Manufacturing”

**10.09.2018**

### TABLE OF CONTENTS

SI.NO	DESCRIPTION	PAGE.NO
1	INVITATION	2
2	GUEST PROFILE	3
3	PROGRAMME DETAILS	3
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*P. Kany*  
COMPILED BY

*H.O.D*  
H.O.D/Aeronautical

Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
Siruganur, Trichy - 621 105.

*[Signature]*  
PRINCIPAL

PRINCIPAL  
M.A.M. SCHOOL OF ENGINEERING  
SIRIGANUR, TIRUCHIRAPPALLI-621 105.





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Trichy - chennai Trunk Road, Siruganur, Tiruchirappalli - 621 105, India

## INVITATION

The Department of Aeronautical Engineering Cordially invites second and third Year students and Faculty members of the department activity of Guest lecture program on **“Additive Manufacturing”** at Seminar Hall, M.A.M School of Engineering between 2.30 PM – 4.30 PM on 10.09.2018.

Venue: College Seminar Hall

### Resource Person:

Mr.Sridhar,  
Research Assistant,  
SASTRA University.

## COURSE CONTENT

### Additive Manufacturing:

Structure: Broadly defined, an arrangement and organization of interrelated elements in a material object or system. In Engineering, **structural mechanics** is the study of the mechanical behavior of solids and structures. Intuitively, a structure's purpose is to **resist** forces. Aerospace structures differ from other structures due to their high demands for performance and lightweight. First planes – wood (spruce) truss and fabric. Only engine mounts made of metal. Fabric used for wing surfaces only, no structural significance. Use of wood up until WW2 – DH. 98 (Mosquito - "wooden wonder") DH. 98 special – wooden with monocoque structure.



### PHOTO PROOF



Mr.Sridhar, Research Assistant, SASTRA University. Guest lecture on Importance of reverse engineering and futuristic aerospace

### **Conclusion**

Mr.Sridhar, Research Assistant, SASTRA University, had conducted the course “Additive Manufacturing” to department of Aeronautical Engineering II<sup>nd</sup> & III<sup>rd</sup> year students on 10.09.2018 at Seminar Hall, M.A.M. School of Engineering, and Trichy. He covers the topics such as manufacturing of aerospace. Finally taught the procedure of testing and techniques of the additive manufacturing through a video session. It was very useful to Student and Faculty members to get the knowledge of advances in Design systems.



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Attendance Sheet

Name of the Program: Additive Manufacturing

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*P. K. S. 10/8/18*  
HOD/Aero

Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
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### Feedback Form Report

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8. Any other comment (if any):  
\_\_\_\_\_

9/7/18

**TIRUCHI TODAY****RELIGION**

**Sri Vishnu Sahasranama Parayana Sabha:** Parayana goshti procession, South Gate, Srirangam, 5.30 a.m.; Sri Vishnu Sahasranama parayanam, Sri Venugopalan Sannidhi, 15, Ranganathapuram, Srirangam, 6 p.m.

**Sri Rama Nama Sath Sangam:** Sri Rama Nama parayanam, 28, Prasad Street, Ayyappa Nagar, 6 p.m.

**GENERAL**

**Bharathidasan University:** Orientation programme for freshers, P. Manisankar, Vice Chancellor, inaugurates, university campus, 10 a.m.

**District Administration:** Public grievances meeting, Collector K. Rajamani, presides, Collector's Office, 10 a.m.

**Rotary Club of Tiruchi:** Installation of G. Gopalakrishnan as president and other new office bearers, R. Ambikapathi, former Additional Superintendent of Police, chief guest, Hotel Sevana, 6.30 p.m.

**M.A.M. School of Engineering:** Programme on Reverse engineering in aeronautics, P. Vivek, Assistant Professor, J. J. College of Engineering and Technology, resource person, 2.30 p.m.

**Kongunadu College of Engineering and Technology, Tholurpatti:** Lecture on Application of remote sensing and GIS in land use and land cover, by M. Arun Pandiyan, Assistant Professor, 5 p.m.

**Polytechnic College:** Freshers Day, Krishna Varadharaj, Idea Plus, Chennai, chief guest, 10 a.m.

**TIRUCHI TODAY****RELIGION**

**Sri Vishnu Sahasranama Parayana Sabha:** Vishnu Sahasranama parayanam, Prarthana Hall, Adhava Residential Complex, 81, Amma Mandapam Road, Srirangam, 6 p.m.

**Sri Rama Nama Sath Sangam:** 9, Periyar Street, Ayyappa Nagar, 6 p.m.

**GENERAL**

**M. A. M. School of Engineering:** Talk on 'Importance of Reverse Engineering and Future Aeronautics and Aerospace' by P. Vivek, Assistant Professor, JJ College of Engineering and Technology, 2.30 p.m.

**SRM Trichy Arts and Science College:** Inauguration of first year program, R. Sivakumar, Chairman, SRM Group of Institutions, Ramapuram, Trichy Campus, presides, 9.15 a.m.

23/7/18

**RELIGION**

**Sri Vishnu Sahasranama Parayana Sabha:** Parayana goshti procession, South Gate, Srirangam, 5.30 a.m.; Sri Vishnu Sahasranama parayanam, Thirukuralappan Sannidhi, Srirangam, 6 p.m.

**Sri Rama Nama Sath Sangam:** Sri Rama Nama parayanam, 28, SMESC Colony, 6 p.m.

**CULTURE**

**Tiruchi District Drama Artistes Association:** Annual drama festival, 'Manithan Maravillai,' drama by Thanjai Kalainila Kalai Mandram, FGH Hall, R. R. Sabha, W. B. Road, 6.30 p.m.

**GENERAL**

**TN Commission for Protection of Child Rights, City Police, TNSTC and Youth Exnora International:** Training camp on traffic rules for trainers, K. Rajamani, Collector, and A. Amalraj, City Police Commissioner, chief guests, Traffic Park, Old Collector's Office campus, 10.30 a.m.

**Bharathidasan University Department of Commerce and Financial Studies:** Hands on training on statistical packages for business, R. Kasilingam, Associate professor of Management Studies, Pondicherry University, 2 p.m.

**M.A.M. College of Engineering:** Lecture on 'Non-Destructive Testing and Software Use', 2.30 p.m.

**National College:** General body meeting of Bharathidasan University Sports and Tournaments Committee, talk by G. Gopinath, Registrar, 10.00 a.m.

30/7/18

**TIRUCHI TODAY****RELIGION**

**Sri Srinivasa Perumal Temple, BHEL Township:** Thirupavithrothsavam, poojas, 6 a.m.; yaga sala pravesam, 6.30 a.m.; dwara pooja, 6.45 a.m.; homam, 7.15 a.m. & 6.30 p.m.; Perumal purappadu, 8.45 p.m.

**Sri Vishnu Sahasranama Parayana Sabha:** Sri Vishnu Sahasranama parayanam, Kothandaramar Sannidhi, Sadhguru Thiyagarajar Bhavanam, New Seshadripuram, Srirangam, 6 p.m.

**Sri Rama Nama Sath Sangam:** Sri Rama Nama parayanam, 169, Devaraya Nagar, 6 p.m.

**GENERAL**

**Cauvery College for Women:** Seminar on 'Mind you mind,' B. Balamurugan of The Rajah's College, Pudukottai, resource person, 9 a.m.

**Seethalakshmi Ramaswami College:** Economics Association and PG Economics Club meeting, B. Balamurugan, Assistant Professor, The Rajah's College, speaks on 'Cashless economy: Causes, concerns and constraints,' 2 p.m.

**Saranathan College of Engineering:** Inauguration of Saranathan Civil Engineering Students Association, S. Rajendran, civil engineering consultant and Valuer, speaks on 'Cost effective construction materials and technology,' 10.30 a.m.; Department of Instrumentation and Control Engineering: Lecture on 'Trends and opportunities for instrumentation and control engineers,' by Diwakar Chandrasekaran, 11.15 a.m.

**Bishop Heber College Department of Commerce:** Lecture on Strategic management by Satyanarayana Parayitam, Professor, Charlton College of Business, University of Massachusetts, 9 a.m.

**M.A.M. School of Engineering:** Workshop on Robotics, 10 a.m.; programme on 'Applications of software usage in aerospace,' 2.30 p.m.

**Kongunadu College of Engineering and Technology, Tholurpatti:** Lecture on Bloom's Taxonomy by B. Thiyagarajan, assistant professor, 5 p.m.



06/08/2018

## TIRUCHI TODAY

### RELIGION

**Sri Draupadi Amman Temple, Thalayarkara Street:** Adi Perukku and Pookuzhi festival, Vedavalli Rukmani-Govindaraja Perumal thirukalyanam, 10 a.m.

**Sri Palakattu Mariamman Temple:** Maha karaga uthsavam and car festival, Amman thiruther veedhi ula, Pattabiraman Pillai Street, Thennur, 6.30 p.m.

### GENERAL

**National College:** Inauguration of PIRE internship camp, Vasan, Member Secretary, Tamil Nadu State Council for Science and Technology, inaugurates, 9.30 a.m.

**Bharathidasan University Department of Commerce and Financial Studies:** Awareness programme on personal money management, university campus, 3.30 p.m.

**Rotary Club of Tiruchi:** Meeting, C. Shanthakumar, Director, Spastics Society of Tiruchi, speaks on Life of persons with disabilities, Hotel Femina, 6.30 p.m.

**Bishop Heber College:** Inaugural function of Economics Association, S. Iyyampillai speaks on Quantification of economic theories, 11 a.m.; Environmental Sciences Association: Interaction on 'My city-my duty: Mission

Uyyakondan,' with K. Narasimha Rao, orthopaedic surgeon, and Vijaykumar Sengottuvelan, Director, CARE School of Architecture, 3.30 p.m.

**Saranathan College of Engineering:** Lecture on 'Speciality vs reality in reinforced concrete constituents, by M. Sudhakar, Secretary, Indian Concrete Institute, Tiruchi Centre, 10.30 a.m.

**M.A.M. College of Engineering and Technology:** Freshers Day, 9.30 a.m.

**M.A.M. School of Engineering:** Talk on Additive manufacturing by S. Sridhar, research scholar, SASTRA Deemed University, 2.30 p.m.

**Design School:** Painting exhibition, Ramya Hotel, 10 a.m. to 7.30 p.m.

10/09/2018

## TIRUCHI TODAY

### RELIGION

**Sri Vishnu Sahasranama Parayana Sabha:** Sri Vishnu Sahasranama parayanam, Ranganayaki Thayar Sannidhi, Srirangam Sri Ranganathaswamy Temple, 6 p.m.; Dasavathara Sannidhi, North Gate, Srirangam, 6.45 p.m.

**Sri Rama Nama Sath Sangam, Ayyappa Nagar:** Sri Rama Nama parayanam, 28, Prasad Street, Ayyappa Nagar, 6 p.m.

### GENERAL

**Bharathidasan University Placement and Training Cell and Centre for Entrepreneurship-Skill Development:** Inauguration of TRIUNE - skill development workshops, Gopinath Ganapathy, Registrar, chief guest, Khajamalai campus, 10.30 a.m.; Spoken English and Personality Development Workshop, M. Ravichandran, Director In-Charge, Bharathidasan School of Management, inaugurates, 5 p.m.

**M.A.M. School of Engineering:** Programme on Additive manufacturing, S. Sridhar, research scholar, SASTRA Deemed University, speaks, 2.30 p.m.

**K. Ramakrishnan College of Engineering:** Workshop on 'Opportunities in VLSI industries and hardware modelling using Verilog,' 9 a.m.

**Jamal Mohamed College Department of Social Work:** Rural camp, free eye screening camp in association with Vasani Eye Hospital, Kumarapatti, 10 a.m.; HIV/AIDS awareness programme, 6 p.m.

**Kongunadu College of Engineering and Technology, Tholurpatti:** Lecture on 'Bamboo reinforcement in concrete structures,' by T. Karthikeyan, Assistant Professor, 5 p.m.

## TIRUCHI TODAY

### RELIGION

**Sri Ranganathaswamy Temple, Srirangam:** Theppam festival, Sri Namperumal purappadu in thiruvichigai with Ubhaya Nachiar, 6.45 p.m.; reaching sanctum sanctorum after Netalavu kandarulai, 9 p.m.

**Sri Vishnu Sahasranama Parayana Sabha:** Sri Vishnu Sahasranama parayanam, Sri Kothandaramar Sannidhi, Sadhguru Thiyagarajar Bhavanam, New Seshadripuram, Srirangam, 6 p.m.

**Sri Rama Nama Sath Sangam:** Sri Rama Nama parayanam, 21, Teachers Colony, 6 p.m.

Women's Day celebration, Kanimozhi, MP, chief guest, 5.30 p.m.

**Seshasayee Institute of Technology:** CSI Day celebrations, Baskaran Selvaraj, Managing Director, New Dream Data Sysgtems, chief guest, 4 p.m.

**National College Bio Technology Association:** Lecture on 'Novel role of nuclear lipid signalling in pseudomonas aeruginosa mediated lung inflammation,' by Viswanathan Natarajan, Director of Translational Medicine, University of Illinois, 11 a.m.

**M.A.M. College of Engineering and Technology:** Trigger 2017 - intra-college project competition, 2 p.m.

**Kongunadu College of Engineering and Technology:** Seminar on 'BIM and its application in civil engineering,' 5 p.m.

**M.A.M. School of Engineering:** Lecture on Missile technology control regime - Indian scenario by P. Kaviyarasu, assistant professor, 3.30 p.m.

### GENERAL

**Bharathidasan University Constituent Arts and Science College, Navalurkuttapattu:** Annual day, R. Babu Rajendran, Registrar (in-charge), Bharathidasan University, chief guest, 10.30 a.m.; Graduation Day, R.Thirumurgan, Controller Exams (in-charge), Bharathidasan University, delivers graduation day address, 3 p.m.

**St. Joseph's College:** International

'The Hindu' - dated - 6/3/17

- Association. activities.





**M.A.M SCHOOL OF ENGINEERING**  
**SIRUGAUR, TRICHY-621 105.**

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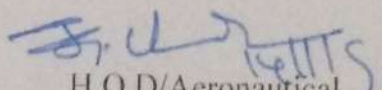
# Guest Lecture Report On “GATE Examination Awareness Program”

**14.01.2019**

## TABLE OF CONTENTS

SL.NO	DESCRIPTION	PAGE.NO
1	INVITATION	2
2	GUEST PROFILE	3
3	PROGRAMME DETAILS	3
4	TOPIC CONTENT	4
5	PHOTO PROOF	5
6	CONCLUSION	5

  
COMPILED BY

  
H.O.D/Aeronautical

  
PRINCIPAL

Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
Siruganur, Trichy - 621 105.

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M.A.M. SCHOOL OF ENGINEERING  
SIRIGANUR, TIRUCHIRAPPALLI-621 105.



# M.A.M. SCHOOL OF ENGINEERING

ISO 9001 : 2008 Certified Institution

Approved by AICTE, New Delhi. Affiliated to Anna University, Chennai

Trichy - Chennai Trunk Road, Siruganur, Tiruchirappalli - 621 105, India

## INVITATION

The Department of Aeronautical Engineering Cordially invites second and third Year students and Faculty members of the department activity of best practice program on **"GATE Examination"** at Seminar Hall, M.A.M School of Engineering between 2.30 PM - 4.30 PM on 14.01.2019.

Venue: College Seminar Hall

**Resource Person** : Mr.S.Usman

Gate in Trichy Academy, Tiruchy.



# GUEST PROFILE

## Resource Person:

Mr.S.Usman,

Assistant Manager,

Gate in Trichy Academy, Tiruchy.

## PROGRAMME DETAILS

The Graduate Aptitude Test in Engineering (GATE) is an examination that primarily tests the comprehensive understanding of various undergraduate subjects in engineering and science. GATE is conducted jointly by the Indian Institute of Science and seven Indian Institutes of Technologies at Roorkee, Delhi, Guwahati, Kanpur, Kharagpur, Chennai (Madras) and Mumbai (Bombay) on behalf of the National Coordination Board – GATE, Department of Higher Education, Ministry of Human Resources Development (MHRD), Government of India.

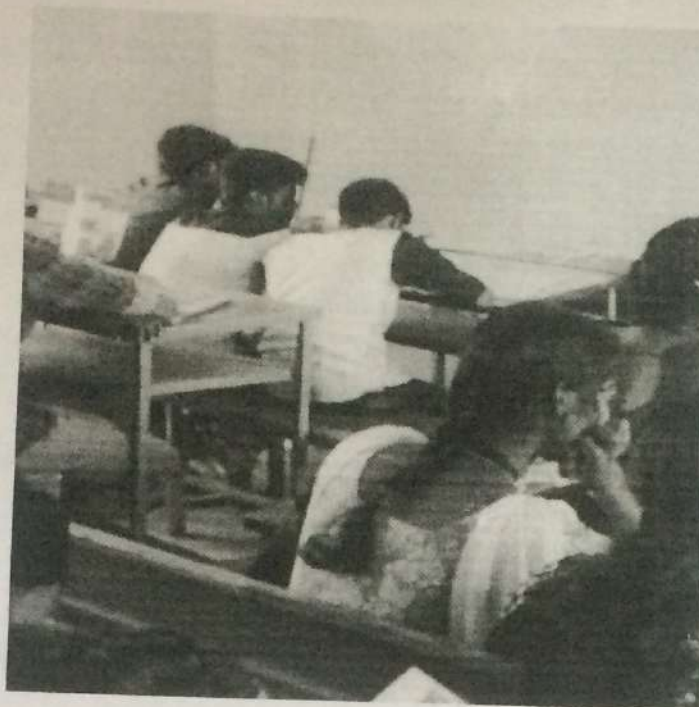
The GATE score of a candidate reflects the relative performance level of a candidate. The score is used for admissions to various post-graduate education programs (e.g. Master of Engineering, Master of Technology, Doctor of Philosophy) in Indian higher education institutes, with financial assistance provided by MHRD and other government agencies. Recently, GATE scores are also being used by several Indian public sector undertakings for recruiting graduate engineers in entry-level positions. It is one of the most competitive examinations in India. GATE is also recognized by various institutes outside India, such as Nanyang Technological University in Singapore.

## TOPIC CONTENT

### GATE Examination Awareness Program:

The schedule for the Graduate Aptitude Test in Engineering (GATE) 2016 were announced recently. Keeping in mind the aim to enhance the aspirants' future, and in order to help them explore a world of opportunities beyond their graduate degree, the GATE Academy is conducting GATE awareness programme called LakshyaGATE all over India. The GATE Academy is an institution providing quality GATE education driven by technology and coaching, is initiating an awareness programme called LakshyaGATE. The academy ensures that pioneer venture the aspirants of GATE will be made familiar with the opportunities beyond their B.E. and B.Tech degrees. It is also intended to inspire confidence among engineering students and assist them in their preparation to crack GATE.





Mr.S.Usman, Assistant Manager, Trichy. Guest lecture on GATE Examination Awareness Program

### **Conclusion**

Mr.S.Usman, Assistant Manager, Trichy, had conducted the course "GATE Examination Awareness Program" to department of Aeronautical Engineering II<sup>nd</sup> & III<sup>rd</sup> year students on 14.01.2019 at Seminar Hall, M.A.M. School of Engineering, and Trichy. He covers the topics such as how to get full marks and how to prepare for the gate examination. It was very useful to Student to get the knowledge of Gate Examination.



# M.A.M. SCHOOL OF ENGINEERING

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## Attendance Sheet

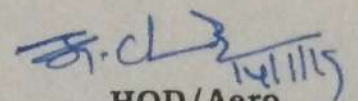
Name of the Program: GATE Examination

Date: 14.01.2019

Sl.No	Name	Student enrollment number	Attendance
1	ABDUL RAHMAN K	812117101001	/
2	ABIRAMI M	812117101002	/
3	AJITH KUMAR V	812117101003	/
4	ARUNKUMAR M	812117101004	/
5	BALAMURUGAN R	812117101005	/
6	CHARULATHA R	812117101006	/
7	DIVYA P	812117101007	/
8	GOKULNATH M	812117101008	/
9	GOKULRAJ K	812117101009	/
10	GOWTHUM T	812117101010	/
11	HARIHARAN P	812117101011	/
12	JAYA PRAKASH R	812117101012	/
13	KALAIDEEPAN D	812117101013	/
14	KATHIRAVAN C	812117101015	/
15	KAVIYA S	812117101016	/
16	KRISHNA S	812117101017	/
17	MOHAMED ILYAS M	812117101018	/
18	MUTHUKRISHNAN K	812117101019	/
19	NANTHAKUMAR K	812117101020	/
20	NAVINDHAR M	812117101022	/
21	NAVINKUMAR A	812117101023	/
22	PALANISAMY P	812117101024	/
23	PASUPATHI K	812117101025	/
24	PRADEEPAN R	812117101026	/
25	PRASANTH M	812117101027	/
26	RAJADUARI S	812117101028	/
27	RAJITH KUMAR A	812117101029	/
28	SAJAHAN B	812117101030	/
29	SARATHBABU P	812117101031	/
30	SATHISH S	812117101032	/
31	SIBI A	812117101033	/
32	SOUNTHIRARAJAN P	812117101034	/
33	SRIDHARAN D	812117101035	/
34	SUBBU LOKESH G	812117101036	/
35	THANISH P	812117101037	/
36	VIDHYASREE P	812117101038	/



37	YUVASHRI R	812117101039	/
38	MOULI M	812117101040	/
39	AJEETH K	812116101001	/
40	ALEX NIJANTHAN.M	812116101002	/
41	INDIRA T	812116101003	/
42	IYAPPAN R	812116101004	/
43	JEYAJOTHI.G	812116101005	/
44	KOWSALYA V	812116101006	/
45	MANIARASAN.J	812116101007	/
46	MARIYAL J	812116101008	/
47	MATHESH.M	812116101009	/
48	MINNAL RAJA.D	812116101010	/
49	NANTHINI R	812116101011	/
50	NITHYA M	812116101012	/
51	PANDEESWARAN.S	812116101013	/
52	POOJA.V	812116101014	/
53	PRAKASH.B	812116101015	/
54	RAGUL S	812116101016	/
55	RAJKUMAR.V	812116101017	/
56	ROBIN.S	812116101019	/
57	SATHISH KUMAR.R	812116101020	/
58	SATHISH RAJ S	812116101021	/
59	SATHIYA.M	812116101022	/
60	SATHIYAN P	812116101023	/

  
HOD/Aero

Head of the Department  
Aeronautical Engineering  
M.A.M. School of Engineering  
Sirugudi - 621 105.



## M.A.M. SCHOOL OF ENGINEERING

Siruganur, Trichy – 621 105.

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### Feedback Form Report

**Name of the Program:** GATE Examination

**Date:** 14.01.2019

1. What is your opinion about the duration of this program?  
D. Short                      B. Adequate                      ☒ C. long
2. Overall, how useful was this program for you?  
☒ D. Very Much                      B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
☒ D. Very good                      B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
☒ D. Very good                      B. Good                      C. Average                      D. Poor
5. How much of knowledge you learned today?  
☒ A. A lot                      B. Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
A. Yes                      ☒ B. Some Extent                      C. No
7. Planning of this programme?  
D. Very good                      ☒ B. Good                      C. Average                      D. Poor
8. Any other comment (if any):  
—





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M.A.M SCHOOL OF ENGINEERING  
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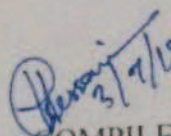


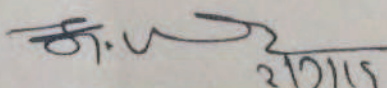
**Guest Lecture Report**  
**On**  
**“Introduction to Internet of things &**  
**Latest Trends in job market for Engineering”**

**01.07.2019**

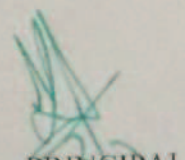
**TABLE OF CONTENTS**

SI.NO	DESCRIPTION	PAGE.NO
1	INVITATION	2
2	GUEST PROFILE	3
3	PROGRAMME DETAILS	3
4	COURSE CONTENT	4
5	PHOTO PROOF	5
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COMPILED BY

  
H.O.D.

Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
Siruganur, Trichy - 621 105.

  
PRINCIPAL

PRINCIPAL  
M.A.M. SCHOOL OF ENGINEERING  
SIRIGANUR, TIRUCHIRAPPALLI-621 105.





# M.A.M. SCHOOL OF ENGINEERING

ISO 9001 : 2008 Certified Institution

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Trichy - chennai Trunk Road, Siruganur, Tiruchirappalli - 621 105, India



## INVITATION

The Department of Aeronautical Engineering Cordially invites second and third Year students and Faculty members of the department activity of Guest lecture program on “Introduction to internet of things & Latest Trends in job market for Engineering” at Seminar Hall, M.A.M School of Engineering between 2.30 PM – 4.30 PM on 01.07.2019.

Venue: College Seminar Hall

### Resource Person:

Er.B.Narendran,

Be Positive Solution Pvt. Ltd.,

Trichy.

Mobile number: 8870590334



## **GUEST PROFILE**

### **Resource Person:**

Er.B.Narendran,  
Be Positive Solution Pvt. Ltd.,  
Trichy.

Mobile number: 8870590334

## **PROGRAMME DETAILS**

Er.B.Narendran, Relationship officer, Be Positive Solution Pvt. Ltd., Trichy, gave a Guest lecture about “Introduction to internet of things & Latest Trends in job market for Engineering” at M.A.M School of Engineering on 01.07.2019. He discussed more information about the recent technologies in paper manufacturing industries and problems in solid waste management in industries, opportunities in design field. Totally 58 students and 3 Faculty members attended this program.

### **PROGRAM**

- Introduction about themselves.
- Guest Lecture on Topic “Introduction to internet of things & Latest Trends in job market for Engineering”
- Power point presentation of Sensor & Internet.
- Power point presentation of Techniques and advancement
- Video session.
- Interaction session
- Feedback session
- Vote of Thanks



## **COURSE CONTENT**

### **Introduction to internet of things & Latest Trends in job market for Engineering:**

#### **Smart process optimization:**

Through increased basic process understanding we can significantly change and improve the manufacturing process. For example, by softening of the wood through increased temperature combined with the addition of small amounts of sulfite and increased intensity in wood refining, the energy efficiency of the refining step can be significantly increased. This allows removal of subsequent process steps, screening and reject refining, making the process both easier and more effective. "The trial shows that newsprint can be manufactured with a total energy consumption of approximately 1,500 kWh / ton, which was 900 kWh / ton lower than the reference, ie. Barely 40 percent lower. All paper properties except tear strength were better for the demo mass compared with the reference paper. The printing properties such as runability, dusting, saturation and imprinting were as good for the demo paper as the reference paper."

#### **What is Internet?**

Internet management is a term that is used to refer to the process of collecting and treating solid wastes. It also offers solutions for recycling items that do not belong to garbage or trash. As long as people have been living in settlements and residential areas, garbage or solid waste has been an issue. Sensor management is all about how solid waste can be changed and used as a valuable resource. Sensor management should be embraced by each and every household including the business owners across the world. Industrialization has brought a lot of good things and bad things as well. One of the negative effects.



## PHOTO PROOF



Er.B.Narendran, Relationship officer, Be Positive Solution Pvt. Ltd., Trichy, Guest lecture on Introduction to internet of things & Latest Trends in job market for Engineering



## **Conclusion**

Er.B.Narendran, Relationship officer, Be Positive Solution Pvt. Ltd., Trichy, had conducted the course "Introduction to internet of things & Latest Trends in job market for Engineering" to department of Aeronautical Engineering II<sup>nd</sup> & III<sup>rd</sup> year students on 01.07.2019 at Seminar Hall, M.A.M. School of Engineering, and Trichy. He covers the topics such as sensor management and advanced manufacturing system. Finally taught the procedure of testing and techniques of the engineering models through video session. It was very useful to Student and Faculty members to get the knowledge of advances in Design systems.





# M.A.M. SCHOOL OF ENGINEERING

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## Attendance Sheet

Name of the Program: Introduction to internet of things

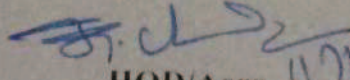
Date: 01.07.2019

& Latest Trends in job market for Engineering

SLNo	Name	Student enrollment number	Attendance
1	ABDUL RAHMAN K	812117101001	/
2	ABIRAMI M	812117101002	/
3	AJITH KUMAR V	812117101003	/
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55	VIKRAM	812118101027	/
		812118101028	/

  
HOD/Aero 11/11/15

**Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
Siruganur, Trichy - 621 105.**





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### Feedback Form Report

**Name of the Program:** Introduction to internet of things &

**Date:** 01.07.2019

Latest Trends in job market for Engineering

1. What is your opinion about the duration of this program?  
A. Short                      ☒ B. Adequate                      C. long
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8. Any other comment (if any):  
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**Date:** 01.07.2019

1. What is your opinion about the duration of this program?  
C. Short ☒ B. Adequate ☒ C. long
2. Overall, how useful was this program for you?  
C. Very Much ☒ B. To some extent ☒ C. Not useful
3. How would you rate the teaching Qualities?  
C. Very good ☒ B. Good ☒ C. Average ☐ D. Poor
4. How would you rate the materials presented?  
☒ C. Very good ☐ B. Good ☐ C. Average ☐ D. Poor
5. How much of knowledge you learned today?  
☒ A. A lot ☐ B. Satisfactory ☐ C. None of it
6. Did it fulfill your expectation?  
A. Yes ☒ B. Some Extent ☐ C. No
7. Planning of this programme?  
C. Very good ☒ B. Good ☐ C. Average ☐ D. Poor
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## Guest Lecture Report On

“Non-Destructive Testing and Design softwares application”

29.07.2019

### TABLE OF CONTENTS

SL.NO	DESCRIPTION	PAGE.NO
1	INVITATION	2
2	GUEST PROFILE	3
3	PROGRAMME DETAILS	3
4	COURSE CONTENT	4
5	PHOTO PROOF	5
6	CONCLUSION	5

COMPILED BY

H.O.D/

Head of  
Aeronautical Engineering  
M.A.M.School of Engineering  
Siruganur, Trichy - 621 105.

PRINCIPAL

PRINCIPAL  
M.A.M. SCHOOL OF ENGINEERING  
SIRIGANUR, TIRUCHIRAPPALLI-621 105.





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Trichy - Chennai Trunk Road, Siruganur, Tiruchirappalli - 621 105, India



## INVITATION

The Department of Aeronautical Engineering Cordially invites second and third Year students and Faculty members of the department activity of Guest lecture program on **“Non-Destructive Testing and Design softwares application”** at Seminar Hall, M.A.M School of Engineering between 2.30 PM – 4.30 PM on 29.07.2019.

Venue: College Seminar Hall

### Resource Person:

B.Lawrance,

CEO

Aplus CADD Center

Trichy.

Mobile number: 8870590334

## GUEST PROFILE

### Resource Person:

B.Lawrance,

CEO

Aplus CADD Center

Trichy

Mobile number: 8870590334

## PROGRAMME DETAILS

Er.B.Lawrance, Relationship officer, Aplus CADD Center Pvt. Ltd., Trichy, gave a Guest lecture about **“Non-Destructive Testing and Design softwares application”** at M.A.M School of Engineering on 29.07.2019. He discussed more information about the recent technologies in paper manufacturing industries and problems in solid waste management in industries, opportunities in design field. Totally 58 students and 3 Faculty members attended this program.

### PROGRAM

- Introduction about themselves.
- Guest Lecture on Topic **“Non-Destructive Testing and Design softwares application”**
- Power point presentation of Sensor & Internet.
- Power point presentation of Techniques and advancement
- Video session.
- Interaction session
- Feedback session
- Vote of Thanks



## COURSE CONTENT

### **Non-Destructive Testing and Design softwares application:**

#### **Smart process optimization:**

Through increased basic process understanding we can significantly change and improve the manufacturing process. For example, by softening of the wood through increased temperature combined with the addition of small amounts of sulfite and increased intensity in wood refining, the energy efficiency of the refining step can be significantly increased. This allows removal of subsequent process steps, screening and reject refining, making the process both easier and more effective. "The trial shows that newsprint can be manufactured with a total energy consumption of approximately 1,500 kWh / ton, which was 900 kWh / ton lower than the reference, ie. Barely 40 percent lower. All paper properties except tear strength were better for the demo mass compared with the reference paper. The printing properties such as run ability, dusting, saturation and imprinting were as good for the demo paper as the reference paper."

#### **What is NDT?**

Nondestructive testing (NDT) is a wide group of analysis techniques used in science and technology industry to evaluate the properties of a material, component or system without causing damage. The terms nondestructive examination (NDE), nondestructive inspection (NDI), and nondestructive evaluation (NDE) are also commonly used to describe this technology. Because NDT does not permanently alter the article being inspected, it is a highly valuable technique that can save both money and time in product evaluation, troubleshooting, and research.



## Conclusion

Er. B.Lawrance, Relationship officer, Aplus CADD Center Pvt. Ltd., Trichy, had conducted the course "Non-Destructive Testing and Design softwares application" to department of Aeronautical Engineering II<sup>nd</sup> & III<sup>rd</sup> year students on 29.07.2019 at Seminar Hall, M.A.M. School of Engineering, and Trichy. He covers the topics such as sensor management and advanced manufacturing system. Finally taught the procedure of testing and techniques of the engineering models through video session. It was very useful to Student and Faculty members to get the knowledge of advances in Design systems.



PHOTO PROOF



Er.B.Lawrance, Relationship officer, Aplus CADD Center Pvt. Ltd., Trichy, Guest lecture on Non-Destructive Testing and Design softwares application





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## Attendance Sheet

**Name of the Program:** Non-Destructive Testing and

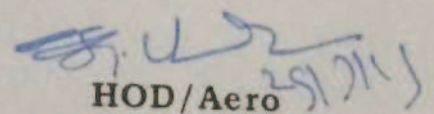
**Date:** 29.07.2019

Design softwares application

Sl.No	Name	Student enrollment number	Attendance
1	ABDUL RAHMAN K	812117101001	/
2	ABIRAMI M	812117101002	/
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55	VIKRAM	812118101028	/

  
HOD/Aero

**Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
Siruganur, Trichy - 621 105.**



## M.A.M. SCHOOL OF ENGINEERING

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### Feedback Form Report

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D. Short                      ☒ B. Adequate                      C. long
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## M.A.M. SCHOOL OF ENGINEERING

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M.A.M SCHOOL OF ENGINEERING  
SIRUGAUR, TRICHY-621 105.

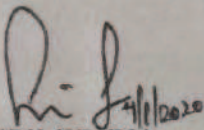


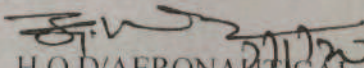
# Guest Lecture Report On “Advances in Machining Process”

04.01.2020

## TABLE OF CONTENTS

SI.NO	DESCRIPTION	PAGE.NO
1	INVITATION	2
2	GUEST PROFILE	3
3	PROGRAMME DETAILS	3
4	COURSE CONTENT	4
5	PHOTO PROOF	5
6	CONCLUSION	6

  
COMPILED BY

  
H.O.D./AERONAUTICAL

  
PRINCIPAL

Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
Siruganur, Trichy - 621 105.

PRINCIPAL  
M.A.M. SCHOOL OF ENGINEERING  
SIRIGANUR, TIRUCHIRAPPALLI-621 105.





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Trichy - Chennai Trunk Road, Sirugamur, Tiruchirappalli - 621 105, India



### INVITATION

The Department of Aeronautical Engineering Cordially invites second, third and final Year students and Faculty members of the department activity of Guest lecture program on **“Advances in machining process”** at Seminar Hall, M.A.M School of Engineering between 9.30 AM – 11.30 AM on 04.01.2020.

Venue: College Seminar Hall

**Resource Person:**

Dr.P.Hariharan,  
Director-students affairs, Anna University,  
Chennai.



## GUEST PROFILE

### Resource Person:

Dr.P.Hariharan,  
Director-students affairs, Anna University,  
Chennai.

## PROGRAMME DETAILS

Dr.P.Hariharan, Director-students affairs, Anna University, Chennai. , gave a Guest lecture about "**Advances in machining process**" at M.A.M School of Engineering on 04.01.2020. He discussed more information about the Advances in machining process for CNC programed. Totally 78 students and 3 Faculty members attended this program.

### PROGRAM

- Introduction about themselves.
- Guest Lecture on Topic "**Advances in machining process**"
- Power point presentation of Sensor & Internet.
- Power point presentation of Techniques and advancement
- Video session.
- Interaction session
- Feedback session
- Vote of Thanks



## COURSE CONTENT

### Advances in machining process:

#### **Smart process optimization:**

Advanced machining processes are the material-removing processes different from conventional machining processes, in which a well-guided wedge-shaped tool removes the material in the form of chips by producing contact stresses. There are a variety of ways in which material is removed using these processes

#### **What is conventional machining process?**

Conventional machining uses tools, such as lathes, milling machines, boring machines, drill presses, or others, with a sharp cutting tool to remove material to achieve the desired geometry. Usually there is a direct contact between the tool and raw material.

#### **What is unconventional machining process?**

An unconventional machining process (or non-traditional machining process) is a special type of machining process in which there is no direct contact between the tool and the workpiece. In unconventional machining, a form of energy is used to remove unwanted material from a given workpiece

#### **What is CNC machining?**

The term CNC stands for 'computer numerical control', and the CNC machining definition is that it is a subtractive manufacturing process which typically employs computerized controls and machine tools to remove layers of material from a stock piece—known as the blank or workpiece—and produces a custom-designed part.



## PHOTO PROOF



Dr.P.Hariharan, Director-students affairs, Anna University, Chennai. Guest lecture on Advances in machining process



### **Conclusion**

Dr.P.Hariharan, Director-students affairs, Anna University, Chennai. Had conducted the course Advances in machining process, to department of Aeronautical Engineering II<sup>nd</sup>, III<sup>rd</sup> & IV year students on 04.01.2020 at Seminar Hall, M.A.M. School of Engineering, and Trichy. He covers the topics such as conventional machining, unconventional machining and CNC machining. Finally taught the procedure of testing and techniques of the engineering models through video session. It was very useful to Student and Faculty members to get the knowledge of advances in Design systems.





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## Attendance Sheet

Name of the Program: Advances in machining process

Date: 04.01.2020

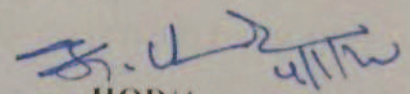
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5	BALAMURUGAN R	812117101005	/
6	CHARULATHA R	812117101006	/
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43	NIZAR AHAMED	812118101014	/
44	PETER	812118101015	/
45	PRAVEEN KUMAR	812118101016	/
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47	RAGHUL	812118101018	/
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65	MINNAL RAJA.D	812116101010	/



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71	RAGUL S	812116101016	/
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73	ROBIN.S	812116101019	/
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75	SATHISH RAJ S	812116101021	/
76	SATHIYA.M	812116101022	/
77	SATHIYAN P	812116101023	/
78	SUBASHLA	812116101024	/

  
HOD/Aero

**Head of the Department**  
**Aeronautical Engineering**  
**M.A.M.School of Engineering**  
**Siruganur, Trichy - 621 105.**





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### Feedback Form Report

**Name of the Program:** Advances in machining process

**Date:** 04.01.2020

1. What is your opinion about the duration of this program?  
C. Short                      ☒ B. Adequate                      C. long
2. Overall, how useful was this program for you?  
☒ C. Very Much                      B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
☒ C. Very good                      B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
☒ C. Very good                      B. Good                      C. Average                      D. Poor
5. How much of knowledge you learned today?  
☒ A. A lot                      B. Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
☒ A. Yes                      B. Some Extent                      C. No
7. Planning of this programme?  
☒ C. Very good                      B. Good                      C. Average                      D. Poor
8. Any other comment (if any):



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**Name of the Program:** Advances in machining process

**Date:** 04.01.2020

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8. Any other comment (if any):





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### Feedback Form Report

**Name of the Program:** Advances in machining process

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1. What is your opinion about the duration of this program?  
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6. Did it fulfill your expectation?  
☒ A. Yes                      B. Some Extent                      C. No
7. Planning of this programme?  
B. Very good                      ☒ B. Good                      C. Average                      D. Poor
8. Any other comment (if any):



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### Feedback Form Report

**Name of the Program:** Advances in machining process

**Date:** 04.01.2020

1. What is your opinion about the duration of this program?  
D. Short                      ☒ B. Adequate                      C. long
2. Overall, how useful was this program for you?  
D. Very Much                      ☒ B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
☒ D. Very good                      B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
☒ D. Very good                      B. Good                      C. Average                      D. Poor
5. How much of knowledge you learned today?  
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7. Planning of this programme?  
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8. Any other comment (if any):  
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SIRUGAUR, TRICHY-621 105.



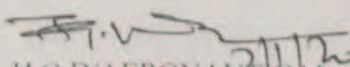
**Guest Lecture Report**  
**On**  
**“How to Face the Engineering and Competitive Examinations”**

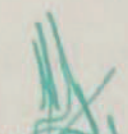
**17.02.2020**

**TABLE OF CONTENTS**

SI.NO	DESCRIPTION	PAGE.NO
1	INVITATION	2
2	GUEST PROFILE	3
3	PROGRAMME DETAILS	3
4	COURSE CONTENT	4
5	PHOTO PROOF	5
6	CONCLUSION	6

  
COMPILED BY

  
H.O.D/AERONAUTICAL  
**Head of the Department**  
**Aeronautical Engineering**  
**M.A.M.School of Engineering**  
**Siruganur,Trichy - 621 105.**

  
PRINCIPAL  
**PRINCIPAL**  
**M.A.M. SCHOOL OF ENGINEERING**  
**SIRUGANUR, TIRUCHIRAPPALLI-621 105.**



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Trichy - Chennai Trunk Road, Srirangam, Tiruchirappalli - 621 005, India



### INVITATION

The Department of Aeronautical Engineering Cordially invites second, third and final Year students and Faculty members of the department activity of Guest lecture program on **“How to Face the Engineering and Competitive Examinations”** at lecture Hall 212, M.A.M School of Engineering between 2.00 PM – 4.00 PM on 17.02.2020.

Venue: College lecture Hall (212)

#### Resource Person:

Mr.P.Packiyaraj, M.E.,

SBN Integrity Inspection and Training Service,

Trichy.



## GUEST PROFILE

### Resource Person:

Mr.P.Packiyaraj, M.E.,  
SBN Integrity Inspection and Training Service,  
Trichy.

## PROGRAMME DETAILS

Mr.P.Packiyaraj, M.E., SBN Integrity Inspection and Training Service, Trichy, gave a Guest lecture about “**How to Face the Engineering and Competitive Examinations**” at M.A.M School of Engineering on 17.02.2020.He discussed more information about the competitive exams. Totally 45students and 3 Faculty members attended this program.

### PROGRAM

- Introduction about themselves.
- Guest Lecture on Topic“**How to Face the Engineering and Competitive Examinations**”
- Power point presentation ofSensor & Internet.
- Power point presentation ofTechniques and advancement
- Video session.
- Interaction session
- Feedback session
- Vote of Thanks



## COURSE CONTENT

### How to Face the Engineering and Competitive Examinations

**What are different types of competitive exams?**

- Joint Entrance Examination (JEE) Main.
- JEE Advanced.
- BITSAT.
- National Eligibility cum Entrance Test (NEET)
- AIIMS.
- Indian Maritime University Common Entrance Test.
- Indian Navy B.Tech Entry Scheme. ...
- Indian Army Technical Entry Scheme (TES)

**List of competitive exams in India after Graduation?**

- Civil Services Examination.
- Indian Economic Service Examination.
- Indian Statistical Service Examination.
- Combined Defence Services Examination (CDSE)
- National Defence Academy & Naval Academy Examination.
- Combined Medical Services Examination.
- Engineering Services Examinations.
- Staff Selection for different Cadres.

**What is the use of GATE exam?**

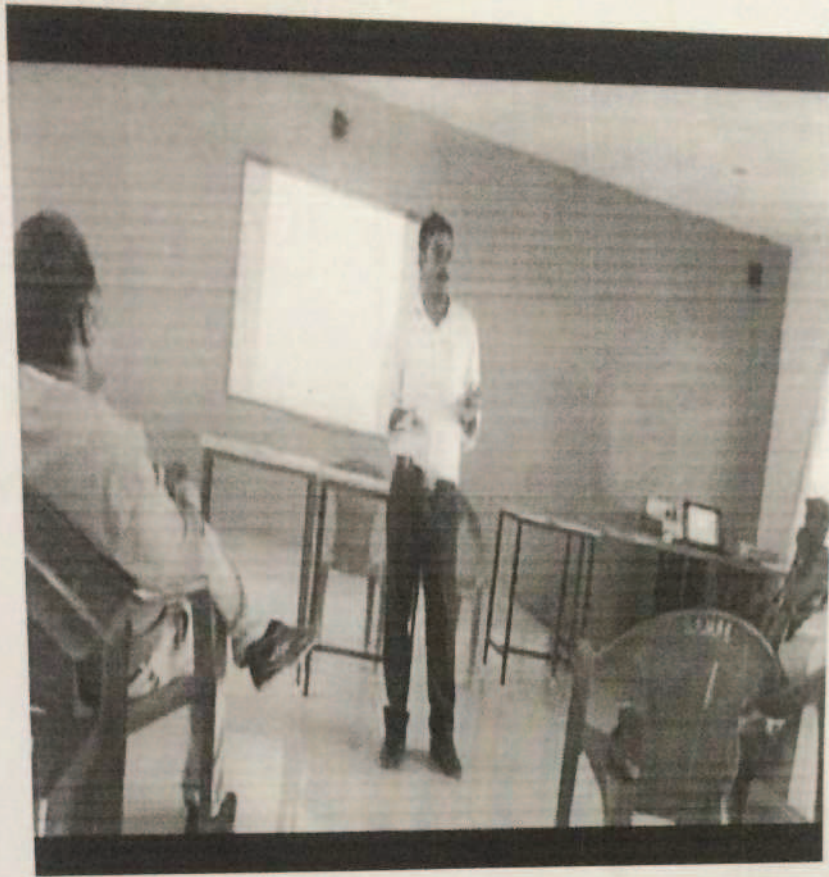
The **GATE exam** is a gateway for admission to the various postgraduate engineering programmes offered by the IITs, NITs, IIITs and other CFTIs as well as high pay PSU jobs. Many other institutes apart from the IITs, NITs, IIITs and GFTIs also consider **GATE** score for offering admission to the candidates

**GATE exam useful for jobs?**

The purpose of the **GATE** exam is to test the students' knowledge and understanding of their under Graduate level subjects in Engineering and Science. The **GATE** score reflects the relative performance level of a candidate.



PHOTO PROOF



Mr.P.Packiyaraj, M.E., SBN Integrity Inspection and Training Service, Trichy.



## **Conclusion**

Mr.P.Packiyaraj, M.E., SBN Integrity Inspection and Training Service, Trichy. Had conducted the course **How to Face the Engineering and Competitive Examinations**, to department of Aeronautical Engineering II<sup>nd</sup>, III<sup>rd</sup> students on 17.02.2020 at Lecture Hall (212), M.A.M. School of Engineering, and Trichy. He covers the topics such a show to face GATE exam, what are the uses of GATE exam video session. It was very useful to Student and Faculty members to get the knowledge of completion





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## Attendance Sheet

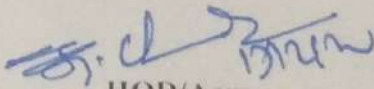
Name of the Program: How to Face the Engineering and

Date: 17.02.2020

Competitive Examinations

Sl.No	Name	Student enrollment number	Attendance
1	ABDUL RAHMAN K	812117101001	/
2	ABIRAMI M	812117101002	/
3	AJITH KUMAR V	812117101003	/
4	ARUNKUMAR M	812117101004	/
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42	NANDHAKUMAR	812118101013	/

  
HOD/Aero

**Head of the Department**  
**Aeronautical Engineering**  
**M.A.M.School of Engineering**  
**Siruganur, Trichy - 621 105.**





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### Feedback Form Report

**Name of the Program:** How to Face the Engineering and  
Competitive Examinations

**Date:** 17.02.2020

1. What is your opinion about the duration of this program?  
C. Short                      ☒ B. Adequate                      C. long
2. Overall, how useful was this program for you?  
C. Very Much                      ☒ B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
☒ C. Very good                      B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
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5. How much of knowledge you learned today?  
A. A lot                      ☒ B. Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
☒ A. Yes                      B. Some Extent                      C. No
7. Planning of this programme?  
☒ C. Very good                      B. Good                      C. Average                      D. Poor
8. Any other comment (if any):  
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8. Any other comment (if any):  
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### Feedback Form Report

**Name of the Program:** How to Face the Engineering and  
Competitive Examinations

**Date:** 17.02.2020

1. What is your opinion about the duration of this program?  
D. Short                      ✓B. Adequate                      C. long
2. Overall, how useful was this program for you?  
✓D. Very Much                      B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
D. Very good                      ✓B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
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**Date:** 17.02.2020

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3. How would you rate the teaching Qualities?  
☒ B. Very good                      B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
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M.A.M SCHOOL OF ENGINEERING  
SIRUGAUR, TRICHY-621 105.

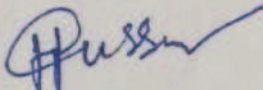


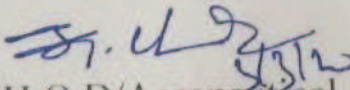
# Guest Lecture Report On “Space Technology And ADP”

03.03.2020

## TABLE OF CONTENTS

SI.NO	DESCRIPTION	PAGE.NO
1	INVITATION	2
2	GUEST PROFILE	3
3	PROGRAMME DETAILS	3
4	COURSE CONTENT	3
5	PHOTO PROOF	4
6	CONCLUSION	4

  
COMPILED BY

  
H.O.D/Aeronautical

  
PRINCIPAL

**Head of the Department**  
Aeronautical Engineering  
M.A.M.School of Engineering  
Sirugaur, Trichy - 621 105.

**PRINCIPAL**  
M.A.M. SCHOOL OF ENGINEERING  
SIRIGANUR, TIRUCHIRAPPALLI-621 105.





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Trichy - Chennai Trunk Road, Siruganur, Tiruchirappalli - 621 105, India



## INVITATION

The Department of Aeronautical Engineering Cordially invites second, third and final Year students and Faculty members of the department activity of Guest lecture program on **“Space Technology And ADP”** at Smart Class, M.A.M School of Engineering between 2.00 PM – 4.30 PM on 03.03.2020.

Venue: College Smart Class

**Resource Person:**

Mr.Ujjiwa singh, ..

Bharath University,

Chennai



## GUEST PROFILE

### Resource Person:

Mr. Ujjiwa singh,, ,  
Bharath University,  
Chennai

## PROGRAMME DETAILS

Ujjiwa singh , Bharath University, Chennaigave a Guest lecture about “**Space Technology And ADP**” at M.A.M School of Engineering on 03.03.2020.He discussed more information about the aircraft design project. Totally 45students and 3 Faculty members attended this program.

### PROGRAM

- Introduction about on Topic “Space Technology
- Power point presentation of Aircraft Design Project.
- Power point presentation of 100 ton cargo aircraft.
- Video session.
- Interaction session
- Feedback session
- Vote of Thanks

## COURSE CONTENT

### About space technology

Space technology is technology developed by space science or the aerospace industry for use in spaceflight, satellites, or space exploration. Space technology includes spacecraft, satellites, space stations, and support infrastructure, equipment, and procedures

PHOTO PROOF







## **Conclusion**

Mr.Ujjiva, Bharath University, Had conducted the course About space technology, to department of Aeronautical Engineering II<sup>nd</sup>, III<sup>rd</sup> students on 03.03.2020 at Smart Class, M.A.M. School of Engineering, and Trichy. He covers the topics about Space Technology, and ADP. It was very useful to Student and Faculty members to get the knowledge of competitive exam.





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## Attendance Sheet

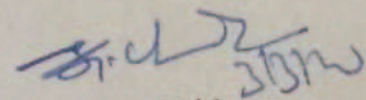
**Name of the Program:** Space Technology And ADP

**Date:** 03.03.2020

Sl.No	Name	Student enrollment number	Attendance
1	ABDUL RAHMAN K	812117101001	/
2	ABIRAMI M	812117101002	/
3	AJITH KUMAR V	812117101003	/
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8	GOKULNATH M	812117101008	/
9	GOKULRAJ K	812117101009	/
10	GOWTHUM T	812117101010	/
11	HARIHARAN P	812117101011	/
12	JAYA PRAKASH R	812117101012	/
13	KALAIDEEPAN D	812117101013	/
14	KATHIRAVAN C	812117101015	/
15	KAVIYA S	812117101016	/
16	KRISHNA S	812117101017	/
17	MOHAMED ILYAS M	812117101018	/
18	MUTHUKRISHNAN K	812117101019	/
19	NANTHAKUMAR K	812117101020	/
20	NAVINDHAR M	812117101022	/
21	NAVINKUMAR A	812117101023	/
22	PALANISAMY P	812117101024	/
23	PASUPATHI K	812117101025	/
24	PRADEEPAN R	812117101026	/
25	PRASANTH M	812117101027	/
26	RAJADUARI S	812117101028	/
27	RAJITH KUMAR A	812117101029	/
28	SAJAHAN B	812117101030	/
29	SARATHBABU P	812117101031	/
30	SATHISH S	812117101032	/
31	SIBI A	812117101033	/
32	SOUNTHIRARAJAN P	812117101034	/
33	SRIDHARAN D	812117101035	/
34	AJEESH	812118101001	/
35	AKASH	812118101002	/
36	ANUPRIYA	812118101003	/



37	ARUN KUMAR	812118101004	/
38	CHANDRU	812118101005	/
39	DINESH KUMAR	812118101006	/
40	GURUPRASATH	812118101009	/
41	MADHIAZHAGAN	812118101011	/
42	NANDHAKUMAR	812118101013	/

  
HOD/Aero

Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
Sirugudi - 621 105.



# M.A.M. SCHOOL OF ENGINEERING

Siruganur, Trichy – 621 105.

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## Feedback Form Report

**Name of the Program:** Space Technology And ADP

**Date:** 03.03.2020

1. What is your opinion about the duration of this program?  
D. Short                      ☒ B. Adequate                      C. long
2. Overall, how useful was this program for you?  
D. Very Much                      ☒ B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
☒ B. Very good                      B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
D. Very good                      ☒ B. Good                      C. Average                      D. Poor
5. How much of knowledge you learned today?  
A. A lot                      ☒ B. Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
A. Yes                      ☒ B. Some Extent                      C. No
7. Planning of this programme?  
D. Very good                      ☒ B. Good                      C. Average                      D. Poor
8. Any other comment (if any):  
✓





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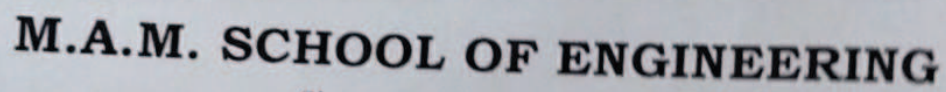
(Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai)

## Feedback Form Report

**Name of the Program:** Space Technology And ADP

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1. What is your opinion about the duration of this program?  
B. Short                      ☒ B. Adequate                      C. long
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☒ A. Yes                      B. Some Extent                      C. No
7. Planning of this programme?  
☒ B. Very good                      B. Good                      C. Average                      D. Poor
8. Any other comment (if any):



(Accredited by NAAC)

### Feedback Form Report

**Date:** 03.03.2020

1. What is your opinion about the duration of this program?  
C. Short                      ✓B. Adequate                      C. long
2. Overall, how useful was this program for you?  
✓C. Very Much                      B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
✓C. Very good                      B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
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5. How much of knowledge you learned today?  
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6. Did it fulfill your expectation?  
✓A. Yes                      B. Some Extent                      C. No
7. Planning of this programme?  
✓C. Very good                      B. Good                      C. Average                      D. Poor
8. Any other comment (if any):

nothing





# M.A.M. SCHOOL OF ENGINEERING

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7. Planning of this programme?  
A. Very good                      ☒ B. Good                      C. Average                      D. Poor
8. Any other comment (if any):

NO





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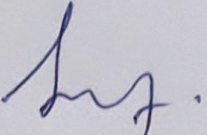
## Guest Lecture Report On

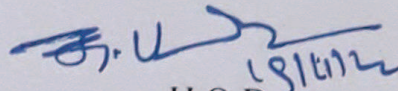
### “INNOVATIONS IN ENERGY SECTORS”

19.11.2020

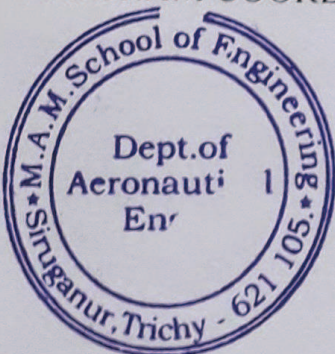
#### TABLE OF CONTENTS

SI.NO	DESCRIPTION	PAGE.NO
1	INVITATION	2
2	GUEST PROFILE	3
3	PROGRAMME DETAILS	3
4	COURSE CONTENT	3
5	CONCLUSION	3

  
PROGRAM COORDINATOR

  
H.O.D

  
PRINCIPAL



Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
Siruganur, Trichy - 621 105.

Dr.P.RANJITH KUMAR, M.E., Ph.D.  
PRINCIPAL  
M.A.M. School of Engineering  
Siruganur, Trichy-621 105





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## INVITATION

The Department of Aeronautical Engineering Cordially invites final Year students and Faculty members of the department activity of best practice program on “**Innovations in Energy Sectors**” at Google Meet, 03.00 PM on 19.11.2020

Plat form: **Google Meet**

### **Resource Person:**

Dr.R.Murali.,M.E.,PhD,

Managing Director,

Open Challengers Engineers,

Tharangambadi.



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Siruganur, Trichy - 621 105

Department Of Aeronautical Engineering

WEBINAR On



## INNOVATIONS IN ENERGY SECTORS



Resource Person

# Dr. R. Murali

Managing Director, Open Challenge Engineers,  
Tharangambadi.



NOV  
19

03.00  
PM



GOOGLE MEET





# M.A.M. SCHOOL OF ENGINEERING

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Trichy - chennai Trunk Road, Siruganur, Tiruchirappalli - 621 105, India



## PROGRAMME DETAILS

MAMSE, since its inception in the year 2008, has been an endeavour to provide a unique platform to the students of AERONAUTICAL Dept whereby they would present innovative ideas, hone their communication skills and learn to be a leader and a team player. Change is the law of nature, following the similar lines, Department of Aero has come up with more innovative events to inculcate inquisitiveness and broaden the horizon of knowledge and guest lecture is arranged.

Students expand their horizons by being part of the talks delivered by prominent engineers. Dr.R.Murali, Managing Director, from Open Challengers Engineers limited had been invited to impart a lecture on " **Innovations In Energy Sectors** ". Apart from being one of the most successful solar panels and solar modules manufacturers in India, WAAREE Energies Ltd is on the forefront of renewable energy with solar power system offerings that include solar EPC services for solar power plants, solar farms and solar power projects, solar rooftop systems, solar home power systems, solar water pumps, solar water heaters, solar cookers, solar home lighting, solar lanterns and solar gadget kits such as solar mobile charger, solar bags, solar lights and solar lamps. Solar photovoltaic (pv) modules generate electricity from sunlight, which can be fed into the mains electricity supply of a building or sold to the public electricity grid. Reducing the need for fossil fuel generation, the growing grid-connected solar PV sector across the globe is helping create jobs, enabling families and businesses to save money, and cut greenhouse emissions.

Students are benefited by such a useful lecture. Around 60 students have taken benefit of the lecture.





## M.A.M. SCHOOL OF ENGINEERING

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### Feedback Form Report

**Name of the Program:** Innovations in Energy Sectors

**Date:** 19.11.2020

1. What is your opinion about the duration of this program?  
D. Short                      ☒ B. Adequate                      C. long
2. Overall, how useful was this program for you?  
D. Very Much                      ☒ B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
☒ D. Very good                      B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
D. Very good                      ☒ B. Good                      C. Average                      D. Poor
5. How much of knowledge you learned today?  
A. A lot                      ☒ B. Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
A. Yes                      ☒ B. Some Extent                      C. No
7. Planning of this programme?  
D. Very good                      ☒ B. Good                      C. Average                      D. Poor
8. Any other comment (if any):  
✓





## M.A.M. SCHOOL OF ENGINEERING

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4. How would you rate the materials presented?  
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6. Did it fulfill your expectation?  
☒ A. Yes                      B. Some Extent                      C. No
7. Planning of this programme?  
☒ B. Very good                      B. Good                      C. Average                      D. Poor
8. Any other comment (if any):  
/



## M.A.M. SCHOOL OF ENGINEERING

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### Feedback Form Report

**Name of the Program:** Innovations in Energy Sectors

**Date:** 19.11.2020

1. What is your opinion about the duration of this program?  
C. Short                      ☒ B. Adequate                      C. long
2. Overall, how useful was this program for you?  
C. Very Much                      ☒ B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
☒ C. Very good                      B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
☒ C. Very good                      B. Good                      C. Average                      D. Poor
5. How much of knowledge you learned today?  
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7. Planning of this programme?  
☒ C. Very good                      B. Good                      C. Average                      D. Poor
8. Any other comment (if any):  
\_\_\_\_\_





## M.A.M. SCHOOL OF ENGINEERING

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3. How would you rate the teaching Qualities?  
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4. How would you rate the materials presented?  
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5. How much of knowledge you learned today?  
☒ A. A lot                      B. Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
☒ A. Yes                      B. Some Extent                      C. No
7. Planning of this programme?  
☒ A. Very good                      B. Good                      C. Average                      D. Poor
8. Any other comment (if any):

The screenshot displays a Google Meet session. The central video area shows a presentation slide with the text "You're presenting to everyone" and a green "Presenting" button. To the right, a sidebar titled "Meeting details" lists 13 participants, including "A. Chandini Sekaran (TSD)", "Anil Kumar A.R", "Bala Murli", "Sharmistha R.", "C. Guna", "Deepak D", "Halla Naata G. Venkatesh", "Kunalraj M", and "Logesh Prabhakaran". The bottom of the screen shows a Windows taskbar with icons for various applications and a system clock indicating 12:00 on 22-05-2021.



Attendance bot: dev(Pavan:p2pdops@gmail.com) on 2021-11-19 : 15:37: <https://meet.google.com/fen-mvzt-bqh?pli=1&authuser=1>

Members present : 34 (Duplicates removed)

AE\_IV\_1001\_ABDUL RAHMAN K

AE\_IV\_1002\_ABIRAMI M

AE\_IV\_1003\_AJITH KUMAR V

AE\_IV\_1004\_ARUNKUMAR M

AE\_IV\_1005\_BALAMURUGAN R

AE\_IV\_1006\_CHARULATHA R

AE\_IV\_1007\_DIVYA P

AE\_IV\_1008\_GOKULNATH M

AE\_IV\_1009\_GOKULRAJ K

AE\_IV\_1012\_JAYA PRAKASH R

AE\_IV\_1015\_KATHIRAVAN C

AE\_IV\_1016\_KAVIYA S

AE\_IV\_1022\_NAVINDHAR M

AE\_IV\_1024\_PALANISAMY P

AE\_IV\_1025\_PASUPATHI K

AE\_IV\_1026\_PRADEEPAN R

AE\_IV\_1027\_PRASANTH M

AE\_IV\_1030\_SAJAHAN B

AE\_IV\_1031\_SARATHBABU P

AE\_IV\_1032\_SATHISH S

AE\_IV\_1034\_SOUNTHIRARAJAN P

AE\_IV\_1035\_SRIDHARAN D

AE\_IV\_1036\_SUBBU LOKESH G

AE\_IV\_1037\_THANISH P

AE\_IV\_1038\_VIDHYASREE P

AE\_IV\_1039\_YUVASHRI R

AE\_III\_1001\_Ajeeth K

AE\_III\_1002\_Alex Nijanthan M

AE\_III\_1003\_Indira T

AE\_III\_1004\_Iyappan R

AE\_III\_1005\_JEYAJOTHI g

Deepak

Chandrasekar

Murali



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## Guest Lecture Report On

“Introduction to Intellectual Property Rights”

12.04.2021

### TABLE OF CONTENTS

Sl.NO	DESCRIPTION	PAGE.NO
1	INVITATION	2
2	GUEST PROFILE	3
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4	COURSE CONTENT	3
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PROGRAM COORDINATOR

H.O.D

PRINCIPAL



Head of the Department  
Aeronautical Engineering  
M.A.M. School of Engineering  
Siruganur, Trichy - 621 105.

Dr. P. RANJITH KUMAR, M.E., Ph.D.,  
PRINCIPAL  
M.A.M. School of Engineering  
Siruganur, Trichy-621 105.





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## INVITATION

The Department of Aeronautical Engineering Cordially invites final Year students and Faculty members of the department activity of best practice program on **“Introduction to Intellectual Property Rights”** at Google Meet, 11.30 AM on 12.04.2021

Plat form: **Google Meet**

### **Resource Person:**

Dr.TTM.Kannan.,M.E.,PhD,  
Centre for Research and Development,  
PRIST University,  
Thanjavur.





# M.A.M. SCHOOL OF ENGINEERING

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Siruganur, Trichy - 621 105



Department of Aeronautical Engineering &  
Institution's Innovation Council Organises

## Webinar on Introduction to Intellectual Property Rights

### Resource person



**Dr. TTM. Kannan**  
**Centre for Research & Developmant**  
**PRIST Univeristy,**  
**Thanjavur.**

**Date: 12.04.2021; Time:11.30 a.m.**

**For Registration Visit**  
**[www.mamse.in](http://www.mamse.in)**





# M.A.M. SCHOOL OF ENGINEERING

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## PROGRAMME DETAILS

MAMSE, since its inception in the year 2008, has been an endeavour to provide a unique platform to the students of Aeronautical department whereby they would present innovative ideas, hone their communication skills and learn to be a leader and a team player. Change is the law of nature, following the similar lines, Department of Aero has come up with more innovative events to inculcate inquisitiveness and broaden the horizon of knowledge and guest lecture is arranged.

Students expand their horizons by being part of the talks delivered by prominent engineers. Dr.TTM.Kannan.,M.E.,PhD, Centre for Research and Development, PRIST University, Thanjavur had been invited to impart a lecture on " **Introduction to intellectual property rights**".

Intellectual property (IP) refers to creations of the mind, such as inventions; literary and artistic works; designs; and symbols, names and images used in commerce. IP is protected in law by, for example, patents, copyright and trademarks, which enable people to earn recognition or financial benefit from what they invent or create. By striking the right balance between the interests of innovators and the wider public interest, the IP system aims to foster an environment in which creativity and innovation can flourish.

Students are benefited by such a useful lecture. Around 65 students have taken benefit of the lecture.





## M.A.M. SCHOOL OF ENGINEERING

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### Feedback Form Report

**Name of the Program:** Introduction to Intellectual Property Rights

**Date:** 12.04.2021

1. What is your opinion about the duration of this program?  
D. Short                      ☒ B. Adequate                      C. long
2. Overall, how useful was this program for you?  
☒ D. Very Much                      B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
D. Very good                      ☒ B. Good                      C. Average                      D. Poor
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5. How much of knowledge you learned today?  
☒ A. A lot                      B. Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
☒ A. Yes                      B. Some Extent                      C. No
7. Planning of this programme?  
D. Very good                      ☒ B. Good                      C. Average                      D. Poor
8. Any other comment (if any):  
—





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No





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☒ A. Yes                      B. Some Extent                      C. No
7. Planning of this programme?  
☒ A. Very good                      B. Good                      C. Average                      D. Poor
8. Any other comment (if any):  
—

WhatsApp Meet - bhv-vhqe-rmq

meest.google.com/bhv-vhqe-rmq

Meeting details

People (x1)

Chat

Add people

IN CALL

On introduction to intellectual property rights. Really the system was very useful for the students faculty and researchers like me and I am assure that all. Your inputs will take it forward for future research. Thank you, sir my sincere. Thanks to all the participants who are actively attended session

Meeting details

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12:11 12-04-2021



Attendance bot: dev(Pavan:p2pdops@gmail.com) on 2021-04-12 : 11:48: <https://meet.google.com/wnx-gqih-kas>

Members present : 30 (Duplicates removed)

AE\_IV\_1001\_ABDUL RAHMAN K  
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AE\_IV\_1004\_ARUNKUMAR M  
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AE\_IV\_1012\_JAYA PRAKASH R  
AE\_IV\_1015\_KATHIRAVAN C  
AE\_IV\_1016\_KAVIYA S  
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AE\_IV\_1024\_PALANISAMY P  
AE\_IV\_1025\_PASUPATHI K  
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AE\_IV\_1037\_THANISH P  
AE\_IV\_1038\_VIDHYASREE P  
AE\_IV\_1039\_YUVASHRI R  
AE\_IV\_1040\_MOULI M  
Deepak  
Chandrasekar  
Kannan



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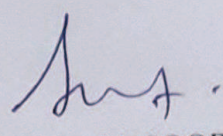
## Guest Lecture Report On

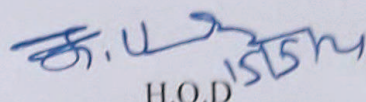
“Prototype Design and Development”


15.05.2021

### TABLE OF CONTENTS

SI.NO	DESCRIPTION	PAGE.NO
1	INVITATION	2
2	GUEST PROFILE	3
3	PROGRAMME DETAILS	3
4	COURSE CONTENT	3
5	CONCLUSION	3

  
PROGRAM COORDINATOR

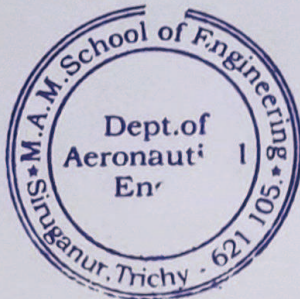
  
H.O.D.

  
PRINCIPAL

**Dr.P.RANJITH KUMAR, M.E., Ph.D.,**

PRINCIPAL

M.A.M. School of Engineering  
Siruganur, Trichy-621 105.



**Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
Siruganur, Trichy - 621 105.**





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### INVITATION

The Department of Aeronautical Engineering Cordially invites final Year students and Faculty members of the department activity of best practice program on “Prototype Design and Development” at Google Meet, 12.00 PM on 15.05.2021

Plat form: **Google Meet**

#### **Resource Person:**

Er.M.Muthuraj  
Managing Director,  
Profenna Technologies,  
Coimbatore.



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Department of Aeronautical Engineering &  
Institution's Innovation Council Organises

## Workshop on Prototype Design and Development

### Resource person



**Er.M.Muthuraj**

**Managing Director**

**Profenaa Technologies, Coimbatore.**

**Date:15.05.2021; Time: 12.00 pm**

**For Registration Visit  
[www.mamse.in](http://www.mamse.in)**





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## PROGRAMME DETAILS

MAMSE, since its inception in the year 2008, has been an endeavour to provide a unique platform to the students of Aeronautical department whereby they would present innovative ideas, hone their communication skills and learn to be a leader and a team player. Change is the law of nature, following the similar lines, Department of Aero has come up with more innovative events to inculcate inquisitiveness and broaden the horizon of knowledge and guest lecture is arranged.

Students expand their horizons by being part of the talks delivered by prominent engineers. Er.M.Muthuraj, Managing Director, Profenna Technologies, Coimbatore had been invited to impart a lecture on " Prototype Design and Development ".

An effective product development process cannot exist without prototyping. It's not uncommon for entrepreneurs and product managers to assume they're entirely separate disciplines but, in practice, there is always an element of prototyping involved in any design undertaking. Prototypes can take many forms depending on the context but, in general, we define a prototype as any preliminary model or representation of a concept. If that sounds vague, it's because they can take on many different forms. For example, a prototype of a webpage might be a series of images stitched together in a Power point slide, whereas a prototype of a cell phone case might be a to-scale model produced by a 3D printer for ergonomic testing. Whether we're designing services, apps, physical products, or strategy, prototypes continually serve as invaluable tools for testing and improving upon design concepts.

Another common misconception is that prototyping is a fixed step in the design process. In reality, it's not a gate that a product must pass through prior to final production but, rather, a recurring activity in the product development cycle. This article is intended to be an introduction to the process, methods, and different prototyping tools that are instrumental in developing early representations of physical products.

Students are benefited by such a useful lecture. Around 70 students have taken benefit of the lecture.





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### Feedback Form Report

**Name of the Program:** Prototype Design and Development

**Date:** 15.05.2021

1. What is your opinion about the duration of this program?  
C. Short                      B. Adequate                      (C) long
2. Overall, how useful was this program for you?  
C. Very Much                      (B) To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
C. Very good                      (B) Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
C. Very good                      (B) Good                      C. Average                      D. Poor
5. How much of knowledge you learned today?  
A. A lot                      (B) Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
(A) Yes                      B. Some Extent                      C. No
7. Planning of this programme?  
C. Very good                      (B) Good                      C. Average                      D. Poor
8. Any other comment (if any):  
No





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8. Any other comment (if any):



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### Feedback Form Report

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**Date:** 15.05.2021

1. What is your opinion about the duration of this program?  
D. Short                      ☒ B. Adequate                      C. long
2. Overall, how useful was this program for you?  
D. Very Much                      ☒ B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
☒ D. Very good                      B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
D. Very good                      ☒ B. Good                      C. Average                      D. Poor
5. How much of knowledge you learned today?  
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7. Planning of this programme?  
D. Very good                      ☒ B. Good                      C. Average                      D. Poor
8. Any other comment (if any):  
✓





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## Feedback Form Report

**Name of the Program:** Prototype Design and Development

**Date:** 15.05.2021

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☒ B. Short                      B. Adequate                      C. long
2. Overall, how useful was this program for you?  
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3. How would you rate the teaching Qualities?  
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5. How much of knowledge you learned today?  
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6. Did it fulfill your expectation?  
A. Yes                      ☒ B. Some Extent                      C. No
7. Planning of this programme?  
B. Very good                      ☒ B. Good                      C. Average                      D. Poor
8. Any other comment (if any):

Profenaa Automation Is presenting

PROFENAA

Group of Profenaa

Profenaa Automation.  
Profenaa Info tech.  
Profenaa Technologies.

Profenaa Automation is presenting

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Deepak D

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Meeting details

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Add people

IN CALL

- k.chandra Sekaran (You)
- A.Dinesh Kumar
- Arun Kumar A.K
- Balamurugan M Mech
- Balamurugan K. Mech
- BALAMURUGAN R
- Bharathi Murugesan
- chandrasekar M

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Deepak D

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Meeting details

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End call icon

Screen share icon

Checkmark icon

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Point to point

Profenaa Automation is presenting

Show all



Attendance bot: dev(Pavan:p2pdops@gmail.com) on 2021-05-15 : 12:20: <https://meet.google.com/xii-gfso-gnx?authuser=1>

Members present : 30 (Duplicates removed)

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AE\_IV\_1002\_ABIRAMI M  
AE\_IV\_1003\_AJITH KUMAR V  
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AE\_IV\_1039\_YUVASHRI R  
AE\_IV\_1040\_MOULI M  
Deepak  
Chandrasekar  
Muthuraj



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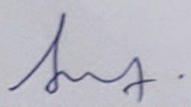
## Guest Lecture Report On

“Prototype Validation- Converting Prototype into Startup”

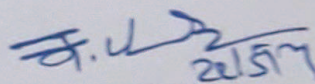
22.05.2021

### TABLE OF CONTENTS


SI.NO	DESCRIPTION	PAGE.NO
1	INVITATION	2
2	GUEST PROFILE	3
3	PROGRAMME DETAILS	3
4	COURSE CONTENT	3
5	CONCLUSION	3

  
PROGRAM COORDINATOR



  
H.O.D

Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
Siruganur,Trichy - 621 105.

  
PRINCIPAL  
Dr.P.RANJITH KUMAR,M.E.,Ph.D.,  
PRINCIPAL  
M.A.M. School of Engineering  
Siruganur, Trichy-621 105.





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## INVITATION

The Department of Aeronautical Engineering Cordially invites final Year students and Faculty members of the department activity of best practice program on “Prototype Validation- Converting Prototype into Startup” at Google Meet, 12.00 PM on 22.05.2021

Plat form: **Google Meet**

### **Resource Person:**

Er.Muneeswaran Ragupathi  
Chief Engineer,  
Thrust Aircraft Private Limited,  
Mumbai.





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Department of Aeronautical Engineering &  
Institution's Innovation Council Organises

## Webinar on Prototype Validation - Converting Prototype into a Startup

### Resource person



**Er. Muneeswaran Raghupathi**

**Chief Engineer**

**Thrust Aircraft Private Limited**

**Mumbai.**

**Date: 22.05.2021; Time: 12.00 pm**

**For Registration Visit  
[www.mamse.in](http://www.mamse.in)**





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## PROGRAMME DETAILS

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Students expand their horizons by being part of the talks delivered by prominent engineers. Er.Muneeswaran Ragupathi, Chief Engineer, Thrust Aircraft Private Limited, Mumbai had been invited to impart a lecture on " Prototype Validation- Converting Prototype ".

Corporations and businesses seeking to innovate or create products and services, often find themselves in an unpleasant situation where they've wasted large amounts of time, money and resources designing an idea or product that ultimately fails to meet expectations and serve its purpose. As a result, innovation and product design processes have earned the reputation of being expensive, inefficient and often resulting in failure. Contrary to this misconception, our design methodology is proven to be efficient, successful and optimises costs, partially due to the focus on a key aspect of the process: prototypes and validation.

At The Product Architects, our strategic product design process and methodology is curated to helping businesses or innovators conceptualise and manifest new ideas through a four step process:

1. Inspiration and research
2. Design: ideate, prototype and validate ideas and solutions
3. Build: transform the solution into an actual working product
4. Grow: launch and grow a product through various stages of the product life cycle

Students are benefited by such a useful lecture. Around 65 students have taken benefit of the lecture.





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### Feedback Form Report

**Name of the Program:** Prototype Validation - Converting Prototype into a Startup

**Date:** 22.05.2021

1. What is your opinion about the duration of this program?  
D. Short                      ✓B. Adequate                      C. long
2. Overall, how useful was this program for you?  
D. Very Much                      ✓B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
✓D. Very good                      B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
D. Very good                      ✓B. Good                      C. Average                      D. Poor
5. How much of knowledge you learned today?  
✓A. A lot                      B. Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
A. Yes                      ✓B. Some Extent                      C. No
7. Planning of this programme?  
D. Very good                      ✓B. Good                      C. Average                      D. Poor
8. Any other comment (if any):  
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8. Any other comment (if any):  
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## M.A.M. SCHOOL OF ENGINEERING

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(Accredited by NAAC)

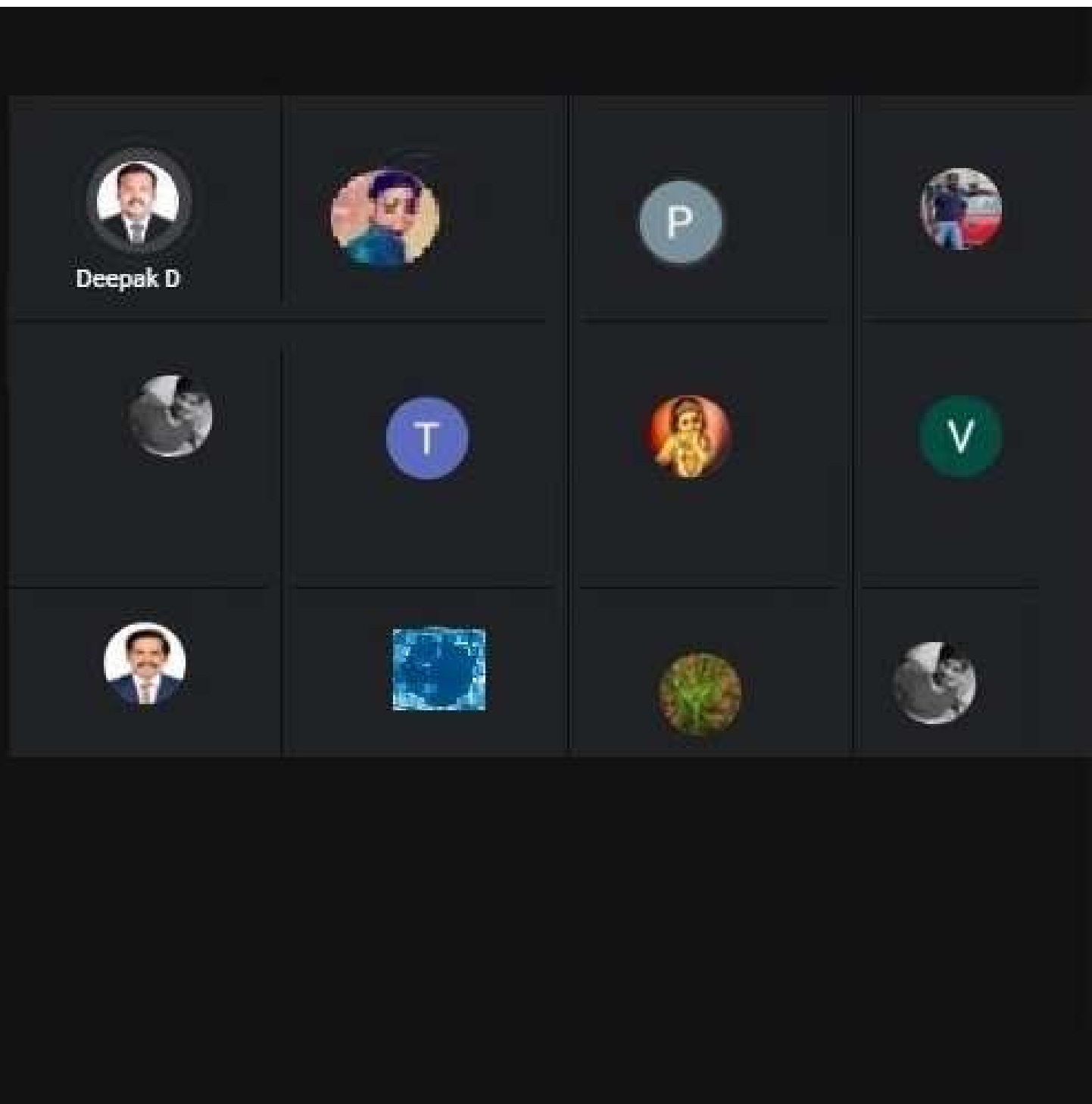
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8. Any other comment (if any):  
—



Meeting details



+ Add people

IN CALL



K.chandra Sekaran (You)



A.Dinesh Kumar



Arun Kumar, A.K



Balamurugam .M Mech



Balamurugan K. Mech



BALAMURUGAN R



Bharathi Murugesan





Attendance bot: dev(Pavan:p2pdops@gmail.com) on 2021-05-22 : 12:17: <https://meet.google.com/cay-aeHQ-adu?pli=1&authuser=1>

Members present : 30 (Duplicates removed)

AE\_IV\_1001\_ABDUL RAHMAN K  
AE\_IV\_1002\_ABIRAMI M  
AE\_IV\_1003\_AJITH KUMAR V  
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AE\_IV\_1037\_THANISH P  
AE\_IV\_1038\_VIDHYASREE P  
AE\_IV\_1039\_YUVASHRI R  
AE\_IV\_1040\_MOULI M  
Deepak  
Chandrasekar  
Muneshwaran



# M.A.M. SCHOOL OF ENGINEERING

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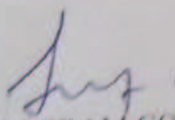
## Guest Lecture Report On

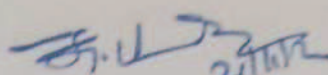
“Opportunities for Aeronautical Engineer in various  
Domains”

21.11.2020

### TABLE OF CONTENTS


Sl.NO	DESCRIPTION	PAGE.NO
1	INVITATION	2
2	GUEST PROFILE	3
3	PROGRAMME DETAILS	3
4	COURSE CONTENT	3
5	CONCLUSION	3

  
PROGRAM COORDINATOR

  
H.O.D



Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
Siruganur,Trichy - 621 105,

  
PRINCIPAL  
D.P.RANJITH KUMAR, M.E., Ph.D.  
PRINCIPAL  
M.A.M. School of Engineering  
Siruganur, Trichy-621 105.





# M.A.M. SCHOOL OF ENGINEERING

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Approved by AICTE, New Delhi Affiliated to Anna University, Chennai  
Trichy - chennai Trunk Road, Siruganur, Tiruchirappalli - 621 105, India



## INVITATION

The Department of Aeronautical Engineering Cordially invites final Year students and Faculty members of the department activity of best practice program on “Opportunities for Aeronautical Engineer in various Domains” at Google Meet, 11.30 AM on 21.11.2020

Plat form: **Google Meet**

### **Resource Person:**

Er. Abdullah  
CAE Specialist,  
Coimbatore CAD Solutions Pvt. Ltd,  
Coimbatore.

Mr. Abdullah

CAE Specialist, Coimbatore CAD Solutions Pvt. Ltd,  
Coimbatore.

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Siruganur, Trichy - 621 105

Department Of Aeronautical Engineering

WEBINAR On



## Opportunities for Aeronautical Engineers in Various Domains



Resource Person

# Mr. Abdullah

CAE Specialist, Coimbatore Cad Solutions Pvt.Ltd,  
Coimbatore.



NOV  
21

11.30  
AM



GOOGLE MEET





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Trichy - Chennai Trunk Road, Siruganur, Tiruchirappalli - 621 105, India



## PROGRAMME DETAILS

MAMSE, since its inception in the year 2008, has been an endeavour to provide a unique platform to the students of AERONAUTICAL Dept whereby they would present innovative ideas, hone their communication skills and learn to be a leader and a team player. Change is the law of nature, following the similar lines, Department of Aero has come up with more innovative events to inculcate inquisitiveness and broaden the horizon of knowledge and guest lecture is arranged.

Students expand their horizons by being part of the talks delivered by prominent engineers. Er. Abdullah, CAE Specialist, Coimbatore CAD Solutions Pvt. Ltd, Coimbatore had been invited to impart a lecture on " Opportunities for Aeronautical Engineer in various Domains ". Are you fascinated with planes, aircraft, spaceships, rockets, and missiles? Well, aerospace engineering or aeronautical engineering could be a suitable career option for you. In this post, we will talk about careers and jobs in aerospace & aeronautical engineering.

Aeronautics is the art or science of the manufacturing, design, and study of air flight capable machines. The field basically studies innovative ways to fulfill the age-old desire of humanity – the dream of flying. Aeronautical engineering involves the study, design, and research of the machines or airplanes that move in the space and air sphere of the earth.

Aerospace science consists of Aeronautics as well as Astronautics.

Students are benefited by such a useful lecture. Around 60 students have taken benefit of the lecture.



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### Feedback Form Report

**Name of the Program:** Opportunities for Aeronautical Engineers in various domains

**Date:** 21.11.2020

1. What is your opinion about the duration of this program?  
☒ A. Short                      B. Adequate                      C. long
2. Overall, how useful was this program for you?  
☒ A. Very Much                      B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
A. Very good                      ☒ B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
A. Very good                      ☒ B. Good                      C. Average                      D. Poor
5. How much of knowledge you learned today?  
A. A lot                      ☒ B. Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
☒ A. Yes                      B. Some Extent                      C. No
7. Planning of this programme?  
A. Very good                      ☒ B. Good                      C. Average                      D. Poor
8. Any other comment (if any): —



1. What is your opinion about the duration of this program?  
A. Short                      ☒ B. Adequate                      C. long
2. Overall, how useful was this program for you?  
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3. How would you rate the teaching Qualities?  
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4. How would you rate the materials presented?  
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6. Did it fulfill your expectation?  
☒ A. Yes                      B. Some Extent                      C. No
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A. Very good                      ☒ B. Good                      C. Average                      D. Poor
8. Any other comment (if any): —



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### Feedback Form Report

**Name of the Program:** Opportunities for Aeronautical Engineers in various domains

**Date:** 21.11.2020

1. What is your opinion about the duration of this program?  
B. Short                      ☒ B. Adequate                      C. long
2. Overall, how useful was this program for you?  
☒ B. Very Much                      B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
B. Very good                      ☒ B. Good                      C. Average                      D. Poor
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5. How much of knowledge you learned today?  
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6. Did it fulfill your expectation?  
☒ A. Yes                      B. Some Extent                      C. No
7. Planning of this programme?  
☒ B. Very good                      B. Good                      C. Average                      D. Poor
8. Any other comment (if any): No





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**Name of the Program:** Opportunities for Aeronautical Engineers in various domains

**Date:** 21.11.2020

1. What is your opinion about the duration of this program?  
☒ A. Short      ☐ B. Adequate      ☐ C. long
2. Overall, how useful was this program for you?  
☒ A. Very Much      ☐ B. To some extent      ☐ C. Not useful
3. How would you rate the teaching Qualities?  
☐ A. Very good      ☒ B. Good      ☐ C. Average      ☐ D. Poor
4. How would you rate the materials presented?  
☒ A. Very good      ☐ B. Good      ☐ C. Average      ☐ D. Poor
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6. Did it fulfill your expectation?  
☐ A. Yes      ☒ B. Some Extent      ☐ C. No
7. Planning of this programme?  
☒ A. Very good      ☐ B. Good      ☐ C. Average      ☐ D. Poor
8. Any other comment (if any): **NO**





Attendance bot: dev(Pavan:p2pdops@gmail.com) on 2020-11-21 : 12:09: <https://meet.google.com/cay-aeHQ-xku?pli=1&authuser=1>

Members present : 32 (Duplicates removed)

AE\_IV\_1001\_ABDUL RAHMAN K

AE\_IV\_1002\_ABIRAMI M

AE\_IV\_1003\_AJITH KUMAR V

AE\_IV\_1004\_ARUNKUMAR M

AE\_IV\_1005\_BALAMURUGAN R

AE\_IV\_1006\_CHARULATHA R

AE\_IV\_1007\_DIVYA P

AE\_IV\_1008\_GOKULNATH M

AE\_IV\_1009\_GOKULRAJ K

AE\_IV\_1012\_JAYA PRAKASH R

AE\_IV\_1015\_KATHIRAVAN C

AE\_IV\_1016\_KAVIYA S

AE\_IV\_1022\_NAVINDHAR M

AE\_IV\_1024\_PALANISAMY P

AE\_IV\_1025\_PASUPATHI K

AE\_IV\_1026\_PRADEEPAN R

AE\_IV\_1027\_PRASANTH M

AE\_IV\_1030\_SAJAHAN B

AE\_IV\_1031\_SARATHBABU P

AE\_IV\_1032\_SATHISH S

AE\_IV\_1034\_SOUNTHIRARAJAN P

AE\_IV\_1035\_SRIDHARAN D

AE\_IV\_1036\_SUBBU LOKESH G

AE\_IV\_1037\_THANISH P

AE\_IV\_1038\_VIDHYASREE P

AE\_IV\_1039\_YUVASHRI R

AE\_III\_1001\_Ajeeth K

AE\_III\_1002\_Alex Nijanthan M

AE\_III\_1003\_Indira T

Deepak

Chandrasekar

Abdullah



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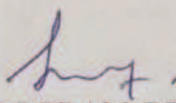
## Guest Lecture Report On

“Manufacturing Techniques for Aerofoil Structures”

23.11.2020

### TABLE OF CONTENTS

Sl.NO	DESCRIPTION	PAGE.NO
1	INVITATION	2
2	GUEST PROFILE	3
3	PROGRAMME DETAILS	3
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PROGRAM COORDINATOR



  
H.O.D

Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
Siruganur, Trichy - 621 105.

  
PRINCIPAL

Dr.P.RANJITH KUMAR, M.E., Ph.D.,  
PRINCIPAL  
M.A.M. School of Engineering  
Siruganur, Trichy-621 105.





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## INVITATION

The Department of Aeronautical Engineering Cordially invites final Year students and Faculty members of the department activity of best practice program on “Manufacturing Techniques for Aerofoil Structures” at Google Meet, 3.30 PM on 23.11.2020

Plat form: **Google Meet**

### **Resource Person:**

Er.N.Arunkumar

Manager,

V.K. Enterprises Pvt. Ltd,

Trichy.

Department Of Aeronautical Engineering

WEBINAR On



## Manufacturing Techniques for Aerofoil Structures



Resource Person

**Mr. N. Arunkumar,**  
Manager, VK Enterprises Pvt LTD, Trichy.



NOV  
23

03.30  
PM







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## PROGRAMME DETAILS

MAMSE, since its inception in the year 2008, has been an endeavour to provide a unique platform to the students of AERONAUTICAL Dept whereby they would present innovative ideas, hone their communication skills and learn to be a leader and a team player. Change is the law of nature, following the similar lines, Department of Aero has come up with more innovative events to inculcate inquisitiveness and broaden the horizon of knowledge and guest lecture is arranged.

Students expand their horizons by being part of the talks delivered by prominent engineers Er.N.Arunkumar, Manager, V.K. Enterprises Pvt. Ltd, Trichy had been invited to impart a lecture on "Manufacturing Techniques for Aerofoil Structures".

An airfoil is the cross-sectional shape of an object whose motion through a gas is capable of generating significant lift, such as a wing, a sail, or the blades of propeller, rotor, or turbine. A solid body moving through a fluid produces an aerodynamic force. The component of this force perpendicular to the relative freestream velocity is called lift. The component parallel to the relative freestream velocity is called drag. An airfoil is a streamlined shape that is capable of generating significantly more lift than drag. Airfoils designed for use at different speeds differ in their geometry: those for subsonic flight generally have a rounded leading edge, while those designed for supersonic flight tend to be slimmer with a sharp leading edge. All have a sharp trailing edge. Foils of similar function designed with water as the working fluid are called hydrofoils.

Students are benefited by such a useful lecture. Around 67 students have taken benefit of the lecture.



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### Feedback Form Report

**Name of the Program:** Manufacturing Techniques for Aero foil Structures

**Date:** 23.11.2020

1. What is your opinion about the duration of this program?  
☒ A. Short                      B. Adequate                      C. long
2. Overall, how useful was this program for you?  
☒ A. Very Much                      B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
☒ A. Very good                      B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
A. Very good                      ☒ B. Good                      C. Average                      D. Poor
5. How much of knowledge you learned today?  
A. A lot                      ☒ B. Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
A. Yes                      ☒ B. Some Extent                      C. No
7. Planning of this programme?  
☒ A. Very good                      B. Good                      C. Average                      D. Poor
8. Any other comment (if any): —



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## Feedback Form Report

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8. Any other comment (if any) , No



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7. Planning of this programme?  
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8. Any other comment (if any): ☒ No





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B. Very good                      ☒ B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
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6. Did it fulfill your expectation?  
☒ A. Yes                      B. Some Extent                      C. No
7. Planning of this programme?  
☒ B. Very good                      B. Good                      C. Average                      D. Poor
8. Any other comment (if any): No





Attendance bot: dev(Pavan:p2pdops@gmail.com) on 2020-11-23 : 15:47: <https://meet.google.com/ytt-aeHQ-xku?pli=1&authuser=1>

Members present : 32 (Duplicates removed)

AE\_IV\_1001\_ABDUL RAHMAN K  
AE\_IV\_1002\_ABIRAMI M  
AE\_IV\_1003\_AJITH KUMAR V  
AE\_IV\_1004\_ARUNKUMAR M  
AE\_IV\_1005\_BALAMURUGAN R  
AE\_IV\_1006\_CHARULATHA R  
AE\_IV\_1007\_DIVYA P  
AE\_IV\_1008\_GOKULNATH M  
AE\_IV\_1009\_GOKULRAJ K  
AE\_IV\_1012\_JAYA PRAKASH R  
AE\_IV\_1015\_KATHIRAVAN C  
AE\_IV\_1016\_KAVIYA S  
AE\_IV\_1022\_NAVINDHAR M  
AE\_IV\_1024\_PALANISAMY P  
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AE\_IV\_1038\_VIDHYASREE P  
AE\_IV\_1039\_YUVASHRI R  
AE\_III\_1001\_Ajeeth K  
AE\_III\_1002\_Alex Nijanthan M  
AE\_III\_1003\_Indira T  
Deepak  
Chandrasekar  
Arunkumar



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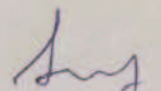
## Guest Lecture Report On

“Introduction to Aerospace Technical Data Management”

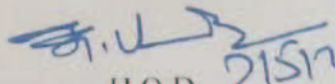
07.05.2021

### TABLE OF CONTENTS


Sl.NO	DESCRIPTION	PAGE.NO
1	INVITATION	2
2	GUEST PROFILE	3
3	PROGRAMME DETAILS	3
4	COURSE CONTENT	3
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PROGRAM COORDINATOR



  
H.O.D

Head of the Department  
Aeronautical Engineering  
M.A.M.School of Engineering  
Siruganur,Trichy - 621 105.

  
PRINCIPAL  
**Dr.P.RANJITH KUMAR,M.E.,Ph.D.,**  
PRINCIPAL  
M.A.M. School of Engineering  
Siruganur, Trichy-621 105.





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Trichy - chennai Trunk Road, Siruganur, Tiruchirappalli - 621 105, India



## INVITATION

The Department of Aeronautical Engineering Cordially invites final Year students and Faculty members of the department activity of best practice program on “Introduction to Aerospace Technical Data Management” at Google Meet, 12.30 PM on 07.05.2021

Plat form: **Google Meet**

### **Resource Person:**

Er.R.Jasper Augustine

Founder & CEO

GLOINNT Solution Private Limited,

Bangalore.

# **M.A.M. SCHOOL OF ENGINEERING**

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Siruganur, Trichy - 621 105

AICTE SPDC &

Department of Aeronautical Engineering Organises

## **Webinar on Introduction to Aerospace Technical Data Management**

**Resource person**



**Er.R. Jasper Augustine**  
**Founder & CEO of GLOINNT Solutions Pvt. Ltd**  
**Bangalore.**

**Date:07.05.2021; Time: 12.00 P.M.**

**For Registration Visit**  
**[www.mamse.in](http://www.mamse.in)**





# M.A.M. SCHOOL OF ENGINEERING

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## PROGRAMME DETAILS

MAMSE, since its inception in the year 2008, has been an endeavour to provide a unique platform to the students of Aeronautical department whereby they would present innovative ideas, hone their communication skills and learn to be a leader and a team player. Change is the law of nature, following the similar lines, Department of Aero has come up with more innovative events to inculcate inquisitiveness and broaden the horizon of knowledge and guest lecture is arranged.

Students expand their horizons by being part of the talks delivered by prominent engineers. Er.R.Jasper Augustine, Founder & CEO, GLOINNT Solution Private Limited, Bangalore had been invited to impart a lecture on "Introduction to Aerospace Technical Data Management".

The aeronautics supply chain is an intricate net of partners, collaborating, and with different roles and associated risks, in the realization of the parts and processes needed to realize the three main aircraft systems: Fuselage, avionics, and engine, as well as their related assembly activities. Different skills are required regarding methods and tools. Furthermore, there are several technological issues to be managed, and the cooperation mechanisms needed among the different actors, in the different roles of the supply chain, until a complete vehicle is realized. Currently, air traffic is growing, with new destinations and a higher frequency of flights. More countries and cities are being linked with direct flights that allow constant passenger movement. It is foreseen that aircraft production will increase by 22.5% in the next five years, with the production of 1550 aircrafts, leading the global aerospace sector to organize opportune actions to manage the increasing demand and, also, the lifecycle of newer and older products. Several external contingencies will impact production in the aerospace sector and will determine new solutions to be adopted and also unexpected directions that have to be evaluated and considered to establish an overall and long-term strategy. Climate changes policies, innovativeness in the use of information and new air transport sector business models are only three other contingencies to be considered. In this landscape, technological innovation and advances are fundamental, both for optimizing and innovating products and, also, for enabling companies involved in product lifecycles to perform accurately their activities and increase their competitiveness.

Students are benefited by such a useful lecture. Around 65 students have taken benefit of the lecture.



## M.A.M. SCHOOL OF ENGINEERING

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### Feedback Form Report

**Name of the Program:** Introduction of Aerospace Technical Data Management

**Date:** 07.05.2021

1. What is your opinion about the duration of this program?  
B. Short                      ☒ B. Adequate                      C. long
2. Overall, how useful was this program for you?  
B. Very Much                      ☒ B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
B. Very good                      ☒ B. Good                      C. Average                      D. Poor
4. How would you rate the materials presented?  
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5. How much of knowledge you learned today?  
A. A lot                      ☒ B. Satisfactory                      C. None of it
6. Did it fulfill your expectation?  
A. Yes                      ☒ B. Some Extent                      C. No
7. Planning of this programme?  
B. Very good                      ☒ B. Good                      C. Average                      D. Poor
8. Any other comment (if any) : No





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☒ A. A lot ☒ B. Satisfactory ☒ C. None of it
6. Did it fulfill your expectation?  
☒ A. Yes ☒ B. Some Extent ☒ C. No
7. Planning of this programme?  
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8. Any other comment (if any) ☒



## M.A.M. SCHOOL OF ENGINEERING

Siruganur, Trichy - 621 105.

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### Feedback Form Report

**Name of the Program:** Introduction of Aerospace Technical Data Management

**Date:** 07.05.2021

1. What is your opinion about the duration of this program?  
☒ A. Short      B. Adequate      C. long
2. Overall, how useful was this program for you?  
☒ A. Very Much      B. To some extent      C. Not useful
3. How would you rate the teaching Qualities?  
A. Very good      ☒ B. Good      C. Average      D. Poor
4. How would you rate the materials presented?  
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5. How much of knowledge you learned today?  
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6. Did it fulfill your expectation?  
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7. Planning of this programme?  
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8. Any other comment (if any): —





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☒ A. Very good      B. Good      C. Average      D. Poor
8. Any other comment (if any): No

Deepak D.

Uma Sankar

Tanishchand.

A. Edwin Kum.

Ragul K. Aru

Hella Hella...

SOUMTHA...

Chandru S.

Arno 1004

Harin P Aru

S.M.T. Asraf

Punithan am...

Manikandan...


V. Saravanan

Chennath Akka...

Rajmohan A.

Kanya S 1016

Bethany Mary



























Meeting details

People (40) Chat

Add people

in call

	A. Chandrashekar (You)		
	A. Dinesh Kumar		
	Abdulnafi Z. Mawadani		
	Adar Shah		
	Adhanyou Medhankar		
	Aksh-1004		
	Arun Kumar A.R.		
	Bala Murai		

Turn off captions Present now



Attendance bot: dev(Pavan:p2pdops@gmail.com) on 2021-05-07 : 12:50: <https://meet.google.com/ttr-eahq-xku?pli=1&authuser=1>

Members present : 32 (Duplicates removed)

AE\_IV\_1001\_ABDUL RAHMAN K

AE\_IV\_1002\_ABIRAMI M

AE\_IV\_1003\_AJITH KUMAR V

AE\_IV\_1004\_ARUNKUMAR M

AE\_IV\_1005\_BALAMURUGAN R

AE\_IV\_1006\_CHARULATHA R

AE\_IV\_1007\_DIVYA P

AE\_IV\_1008\_GOKULNATH M

AE\_IV\_1009\_GOKULRAJ K

AE\_IV\_1012\_JAYA PRAKASH R

AE\_IV\_1015\_KATHIRAVAN C

AE\_IV\_1016\_KAVIYA S

AE\_IV\_1022\_NAVINDHAR M

AE\_IV\_1024\_PALANISAMY P

AE\_IV\_1025\_PASUPATHI K

AE\_IV\_1026\_PRADEEPAN R

AE\_IV\_1027\_PRASANTH M

AE\_IV\_1030\_SAJAHAN B

AE\_IV\_1031\_SARATHBABU P

AE\_IV\_1032\_SATHISH S

AE\_IV\_1034\_SOUNTHIRARAJAN P

AE\_IV\_1035\_SRIDHARAN D

AE\_IV\_1036\_SUBBU LOKESH G

AE\_IV\_1037\_THANISH P

AE\_IV\_1038\_VIDHYASREE P

AE\_IV\_1039\_YUVASHRI R

AE\_III\_1001\_Ajeeth K

AE\_III\_1002\_Alex Nijanthan M

AE\_III\_1003\_Indira T

Deepak

Chandrasekar

Jasper Augestine



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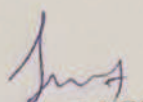
## Guest Lecture Report On

“Careers in Aeronautical and Mechanical Engineering”

19.04.2021

### TABLE OF CONTENTS

Sl.NO	DESCRIPTION	PAGE.NO
1	INVITATION	2
2	GUEST PROFILE	3
3	PROGRAMME DETAILS	3
4	COURSE CONTENT	3
5	CONCLUSION	3

  
PROGRAM COORDINATOR



  
H.O.D

Head of the Department  
Aeronautical Engineering  
M.A.M. School of Engineering  
Siruganur, Trichy - 621 105.

  
PRINCIPAL

Dr.P.RANJITH KUMAR, M.E., Ph.D.,  
PRINCIPAL  
M.A.M. School of Engineering  
Siruganur, Trichy-621 105.





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## INVITATION

The Department of Aeronautical Engineering Cordially invites final Year students and Faculty members of the department activity of best practice program on “Careers in Aeronautical and Mechanical Engineering” at Google Meet, 11.30 AM on 19.04.2021

Plat form: **Google Meet**

### **Resource Person:**

Er.Ramakrishna

Business Development Manager

GLOINNT Solution Private Limited,

Bangalore.

Department of Aeronautical Engineering Organises

**Webinar on  
Careers in Aeronautical & Mechanical Engineering**

**Resource person**



**Er. Ramakrishna  
Business development manager  
Gloint solutions Pvt Ltd  
Bangalore.**





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## PROGRAMME DETAILS

MAMSE, since its inception in the year 2008, has been an endeavour to provide a unique platform to the students of Aeronautical department whereby they would present innovative ideas, hone their communication skills and learn to be a leader and a team player. Change is the law of nature, following the similar lines, Department of Aero has come up with more innovative events to inculcate inquisitiveness and broaden the horizon of knowledge and guest lecture is arranged.

Students expand their horizons by being part of the talks delivered by prominent engineers. Er.Ramakrishna, Business Development Manager, GLOINNT Solution Private Limited, Bangalore had been invited to impart a lecture on "Careers in Aeronautical and Mechanical Engineering "

Aeronautical Engineering is the science associated with the study, design, and production of flight-capable machinery or aircraft operating techniques. It is the study of the design and operations of an aircraft that involves practical and theoretical understanding of materials, assembling parts, testing, and maintenance of aircraft. An Aeronautical Engineer's primary job is to design aircraft and thrust systems, but there can be more responsibilities added to the profile with time. An Aeronautical Engineer may get opportunities in the Aviation industry, defence, and civil aviation department. The job may bring lucrative packages, but it also might be a very responsible and demanding job. It is an important branch of engineering that has helped mankind to master the world above the skies.

Aeronautical electronics engineers specialize in instrument maintenance, electrical and electronic equipment, navigation, radar communications, and radio communication. At airports, engineers perform routine maintenance on the ground during an aircraft overhaul. They respond to reports from aircrew of any difficulties experienced during flights, and carry out repairs and corrections and also perform aircraft maintenance and overhaul in hangers and workshops when an aircraft is due for regular inspection and checks.

Students are benefited by such a useful lecture. Around 61 students have taken benefit of the lecture.



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### Feedback Form Report

**Name of the Program:** Careers in Aeronautical & Mechanical Engineering

**Date:** 19.04.2021

1. What is your opinion about the duration of this program?  
A. Short                      ☒ B. Adequate                      C. long
2. Overall, how useful was this program for you?  
☒ A. Very Much                      B. To some extent                      C. Not useful
3. How would you rate the teaching Qualities?  
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**M.A.M. SCHOOL OF ENGINEERING**

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7. Planning of this programme?  
A. Very good                      B. Good                      C. Average                      D. Poor
8. Any other comment (if any): —

Tamizhazhag...

Uma Sankar

Deepak D

A.Dinesh Kumar...

Ragul K Arav

Halla Nasifa...

Arun-1004

Chandru B

SOMNTHA...

Harini P Arav

S.M.J. Azad

Parashoth am...

Chennab Aaka...

K Saravanan

Mankundan...

Rajasekar A

Kavaya S 1016

Embeth Mary

Meeting details

People (10)

Chat

+

Add people

IN CALL

Kumaran Saravanan Chid

A.Dinesh Kumar

Abdurrahim Z Marjoni...

Ali Shah

Adhyanjay Meyyambal...

Arun-1004

Arun Kumar A.R.

Esa Mural

Turn off captions

Present app



Attendance bot: dev(Pavan:p2pdops@gmail.com) on 2021-05-07 : 12:50: <https://meet.google.com/ttr-eahq-xku?pli=1&authuser=1>

Members present : 37 (Duplicates removed)

AE\_IV\_1001\_ABDUL RAHMAN K  
AE\_IV\_1002\_ABIRAMI M  
AE\_IV\_1003\_AJITH KUMAR V  
AE\_IV\_1004\_ARUNKUMAR M  
AE\_IV\_1005\_BALAMURUGAN R  
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AE\_IV\_1038\_VIDHYASREE P  
AE\_IV\_1039\_YUVASHRI R  
AE\_III\_1001\_Ajeeth K  
AE\_III\_1002\_Alex Nijanthan M  
AE\_III\_1003\_Indira T  
AE\_III\_1012\_Nithya M  
AE\_III\_1013\_PANDEESWARAN S  
AE\_III\_1014\_Pooja V  
AE\_III\_1015\_Prakash B  
AE\_III\_1016\_Ragul S  
Deepak  
Chandrasekar  
Ramakrishana



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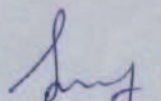
## Guest Lecture Report On

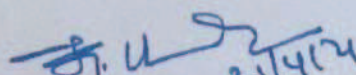
“Careers in Geographical Information System”

21.04.2021

### TABLE OF CONTENTS

SL.NO	DESCRIPTION	PAGE.NO
1	INVITATION	2
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PROGRAM COORDINATOR

  
H.O.D

  
PRINCIPAL



Head of the Department  
Aeronautical Engineering  
M.A.M. School of Engineering  
Siruganur, Trichy - 621 105.

Dr.P.RANJITH KUMAR, M.E., Ph.D.,  
PRINCIPAL  
M.A.M. School of Engineering  
Siruganur, Trichy-621 105.





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## INVITATION

The Department of Aeronautical Engineering Cordially invites final Year students and Faculty members of the department activity of best practice program on "Careers in Geographical Information System" at Google Meet, 12.00 AM on 21.04.2021

Plat form: **Google Meet**

### **Resource Person:**

Er.R.Mohammed Shiek  
Geographical Information System Trainer  
GLOINNT Solution Private Limited,  
Bangalore.



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AICTE SPDC &

Department of Aeronautical Engineering Organises

## Webinar on

Careers In Geographic Information System for Aeronautical & Mechanical Engineering

### Resource person



**Er.R.Mohamed Sheik Ismail**

**Geographic Information System Trainer**

**GLOINNT Solutions Pvt. Ltd.**

**Bangalore.**

**Date:21.04.2021; Time:12.00 p.m.**

**For Registration Visit**  
**[www.mamse.in](http://www.mamse.in)**





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Students expand their horizons by being part of the talks delivered by prominent engineers. Er.R.Mohammed Shiek, Geographical Information System Trainer, GLOINNT Solution Private Limited, Bangalore had been invited to impart a lecture on Careers in Geographical Information System.

GIS systems are computerised systems used to collect, store, analyse, manipulate and present a range of complex geographical and spatial data. Data can come in a range of formats including cartographic, photographic, digital (for example, from satellites) and remote sensing, or in tables and spreadsheets.

Using GIS technology, a GIS officer can overlay all these types of data into one map, manipulating it so that all the sources have the same scales and allowing complex readings to be taken from the map.

GIS technology can use any information that includes a location, allowing you to compare and contrast a range of information, including:

- The location of rivers, roads or power lines
- The position of streets and buildings
- Information about soil type and vegetation
- Data on people, population distribution, education and income.

Students are benefited by such a useful lecture. Around 61 students have taken benefit of the lecture.



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### Feedback Form Report

**Name of the Program:** Careers in Geographic Information system for Aeronautical & Mechanical Engineering Engineering **Date:** 21.04.2021

1. What is your opinion about the duration of this program?  
A. Short                      ☒ B. Adequate                      C. long
2. Overall, how useful was this program for you?  
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## M.A.M. SCHOOL OF ENGINEERING

Siruganur, Trichy - 621 105.

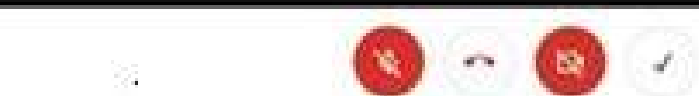
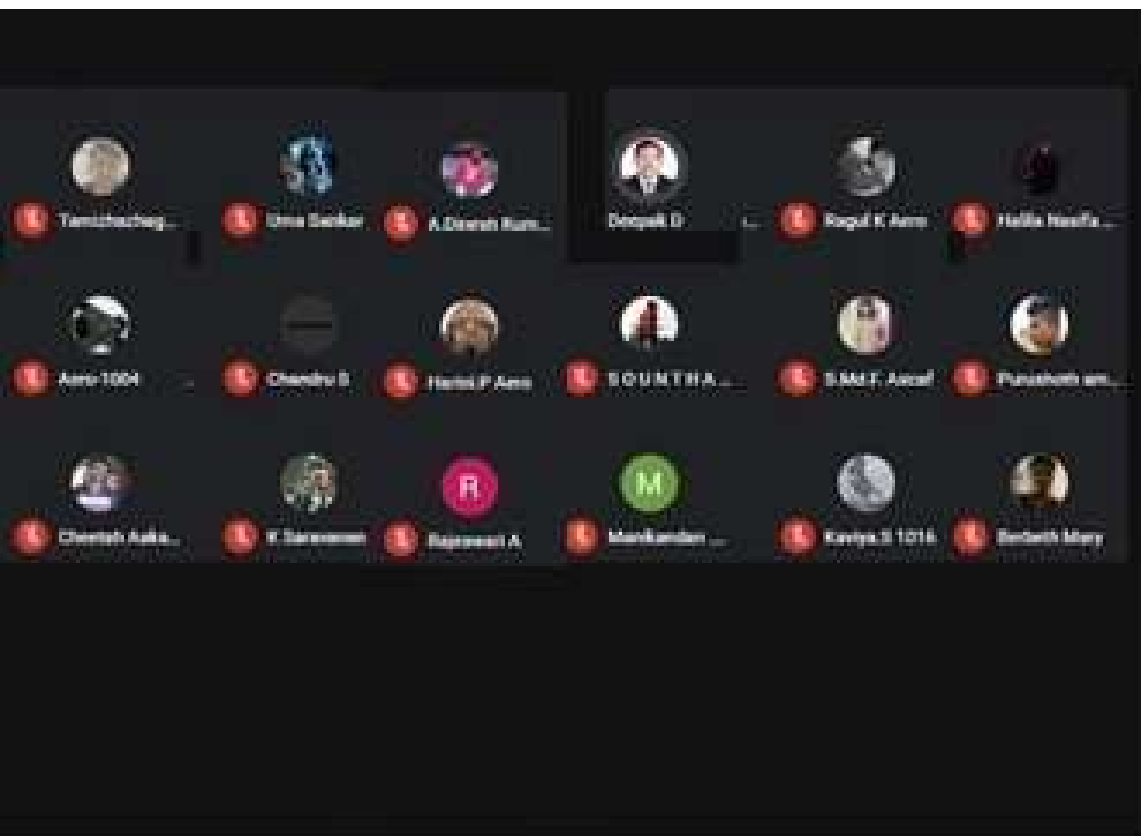
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8. Any other comment (if any) ☒



## Meeting details

People (10)

Chat

+ Add people

IN CALL

	K. Manoj Kumar (Host)		
	A. Divesh Kumar		
	Abhishek S. Marudh		
	Ar. Dhan		
	Adhyanthi Meenakshi		
	Arno-1004		
	Arun Kumar A.R.		
	Eas Murug		

Turn off camera

Present app





Attendance bot: dev(Pavan:p2pdops@gmail.com) on 2021-04-21 : 12:36: <https://meet.google.com/rrc-decd-xku?pli=1&authuser=1>

Members present : 35 (Duplicates removed)

AE\_IV\_1001\_ABDUL RAHMAN K  
AE\_IV\_1002\_ABIRAMI M  
AE\_IV\_1003\_AJITH KUMAR V  
AE\_IV\_1004\_ARUNKUMAR M  
AE\_IV\_1005\_BALAMURUGAN R  
AE\_IV\_1006\_CHARULATHA R  
AE\_IV\_1007\_DIVYA P  
AE\_IV\_1008\_GOKULNATH M  
AE\_IV\_1009\_GOKULRAJ K  
AE\_IV\_1012\_JAYA PRAKASH R  
AE\_IV\_1015\_KATHIRAVAN C  
AE\_IV\_1016\_KAVIYA S  
AE\_IV\_1022\_NAVINDHAR M  
AE\_IV\_1024\_PALANISAMY P  
AE\_IV\_1025\_PASUPATHI K  
AE\_IV\_1026\_PRADEEPAN R  
AE\_IV\_1027\_PRASANTH M  
AE\_IV\_1030\_SAJAHAN B  
AE\_IV\_1031\_SARATHBABU P  
AE\_IV\_1032\_SATHISH S  
AE\_IV\_1034\_SOUNTHIRARAJAN P  
AE\_IV\_1035\_SRIDHARAN D  
AE\_IV\_1036\_SUBBU LOKESH G  
AE\_IV\_1037\_THANISH P  
AE\_IV\_1038\_VIDHYASREE P  
AE\_IV\_1039\_YUVASHRI R  
AE\_III\_1001\_Ajeeth K  
AE\_III\_1002\_Alex Nijanthan M  
AE\_III\_1013\_PANDEESWARAN S  
AE\_III\_1014\_Pooja V  
AE\_III\_1015\_Prakash B  
AE\_III\_1016\_Ragul S  
Deepak  
Chandrasekar  
Mohammed Sheik