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MANIAMMAI**
INSTITUTE OF SCIENCE & TECHNOLOGY
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PROGRAMME REPORT ON

2 DAYS FACULTY SKILL ENHANCEMENT WORKSHOP ON “Autodesk Fusion 360 – CAD Fundamentals and Generative Design-Autodesk Fusion 360 – CAD Fundamentals and Generative Design”

Resource Person

**Mr.J.Yasar Arafath, Application Engineer, USAM Technology
Solutions Pvt. Ltd., Chennai**

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**PERIYAR
MANIAMMAI**

INSTITUTE OF SCIENCE AND TECHNOLOGY

Thangajayam

Vallam, Thangajayam, PIN-615403

2 DAYS FACULTY SKILL ENHANCEMENT WORKSHOP

ON

**"Autodesk Fusion 360 – CAD Fundamentals and
Generative Design"**

Date: 08.08.2024 & 09.08.2024

Venue: Smart Class Room (TS II)

Coordinators

Mr. A.Pugazhenthirai, AP (SS) & HOD / Mech.

Mr. R.Thiyagarajan, AP / Mech.

Resource Person

Mr.J.Yasser Aradash, Application Engineer,

USAM Technology Solutions Pvt. Ltd., Chennai

Organized by

Department of Mechanical Engineering,

Periyar Maniammai Institute of Science and Technology,

Vallam, Thangajayam, PIN-615403.

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Department of Mechanical Engineering



**PERIYAR
MAHILA SAHAKAR
MANDAL**
FOR WOMEN'S EMPOWERMENT



**2 Day Faculty
Skill Enhancement
Workshop**

**AUTODESK FUSION 360 – CAD FUNDAMENTALS
AND GENERATIVE DESIGN**

RESOURCE PERSON

Mr. J. Yaser Anafath,
Application Engineer,
USAM Technology Solutions,
Chennai.



05.08.2024 - 09.08.2024



09.30 AM - 03.30 PM



SMART CLASSROOM & CAD/CAM LAB, TE II



Project: Mechanical workshop
on AutoCAD & Technology
@ Periyar Mahila Sahakar
Mandal, 17/08/2024
09.30 AM - 03.30 PM

Organized by
Department of Mechanical
Engineering
at Periyar Mahila Sahakar Mandal

Co-ordinator
H. A. Prashanthan, 100/1 West,
St. 3, Thiruvananthapuram

Periyar

INTERNAL QUALITY ASSURANCE CELL

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PERIYAR
MANAMMAL
 ENGINEERING COLLEGE
 Sivakasi - 626 002
 Tamil Nadu - 626 002

1.	Name of the Department	Mechanical Engineering
2.	Name of the Programme	Self-Enhancement Workshop on "Autodesk Fusion 360 - CAD Fundamentals"
3.	Date of the Programme	01.08.2024 - 04.08.2024
4.	Recommendation from IQAC	May be permitted Finance involved Rs 50/- <i>AR. [Signature]</i> <i>By Mr. [Signature]</i>

By Mr. [Signature]
 01/08/24



DEPARTMENT OF MECHANICAL ENGINEERING

Periyar Nagar, Melur, Thiruvallur - 601103, Tamil Nadu, India
Phone: 07 - 4922 - 3949/3950/3951/3952 - 3950/3951
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**PERIYAR
MANIAMMAI
UNIVERSITY**
PERIYAR NAGAR, MELUR,
THIRUVALLUR DISTRICT - 601103
TAMIL NADU - INDIA

Proforma for requesting approval to conduct programme

Sl.No.	Detail	Response
1.	Name of the Department	Mechanical Engineering
2.	Name of the Programme	Self Enhancement Workshop on "Automotive Engine TCO - CAE Simulation"
3.	UAC Criteria and category of the programme	5.1.3 Capacity development
4.	Date and time of the Event	04.06.2024, 09.30 am to 04.00 pm 05.06.2024, 09.30 am to 04.00 pm
5.	Online / offline	Offline
6.	Name of the online platform if conducted online	-
7.	If Zoom link is required whether the cost will be borne by the institution	-
8.	Name & Designation of the Organizing Secretary / Co-ordinator (Responsible for the submission of reports and accounts)	Coordinator: Mr. A. Pugazhendi, APO Sub RO/Mech. Mr. B. Thiruganesh, AP/Mech.
9.	Details of the collaborating institution / industry / research partner	USM Technology Solutions Pvt. Ltd, Chennai. Research Partner: Mr. J. Yashu Anandhi, Application Engineer
10.	Budget requirements with breakup details	Resource person is pay of Staff Quarters - Food and Refreshment Rs. 500/-
11.	Whether registration fees collected by the participants if you give details	-
12.	Attachments (Structure, Draft Invitation, Draft Constitution, Programme schedule)	-

Date of submission: 26/07/2024

By: HEAD

Download of Receipts of the program
Periyar Maniammai Institute of Science & Technology
Periyar, Thiruvallur - 601103

Dr. J. Yashu Anandhi
Dean / EE

Signature of the Head of the Department

Dr. J. Yashu Anandhi

Dr. J. Yashu Anandhi
Dean (Academy) / EE

Register

/s/Dr. J. Yashu Anandhi

Chief Guest Profile



Yasar Arafath J

Appendix I (continued)
List of specimens examined, n = 25.



and new professionals who work with customers
to address their business needs and
then design and implement solutions using
the company's products and services.

Software Expertise

• **Kontingenztafel**, **Stützpunkt**
• **Ergebnis**: **FAC**-Anzahl

[illegible]

continued on next page



● 1997年12月1日



Keywords: *workplace spirituality, organizational commitment, organizational trust, organizational identification, organizational citizenship behaviors*



● 1994年12月1日



empirical data



Figure 1



**BRIDGE THE
GAP**



RESEARCH



Journal of Aging and Health 22(12)

Attendance Sheet



USAM TECHNOLOGY
SOLUTIONS (P) LTD.

TIME SHEET

Date : 09/08/2024
Client Name : Patil's Vocational Institute of Science & Technology
Contact Person : A. Pappaswathi / T. Thyagarajan
Software : Autodesk Fusion

Training Description:

Date	Day	Session	Description	Sign
08/08/2024	1	Yash Arakshi	1. Fusion sketching 2. Tools and fillet tools like Fillet, Revolve, Sweep, Loft and Hole. 3. Solid part modelling	<i>[Signature]</i>
09/08/2024	2	Yash Arakshi	1. Part modification 2. Creating construction geometry 3. Basics of Generative design 4. Assembly	<i>[Signature]</i>

Comments:

The session was very fruitful and students learned a lot.

Date: 09/08/2024

Sign: *[Signature]*
A. Pappaswathi

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**PERIYAR
 MANIAMMAI**
 ENGINEERING COLLEGE
 THIRUVALLUR - 601 005

2 Day Faculty R&D Enhancement Workshop-20

Ambedkar Parkin Hall – Civil Engineering & Chemicals Dept

Conducted by M/s CHAM Technology Institute Pvt. Ltd., Chennai
 Host: Department of Mechanical Engineering, PMEST

Date: 18/08/2024 and 19/08/2024

Time: 09.30 am – 05.30 pm

List of Participants

S.No.	Name of the Faculty	Contact No.	Topic	Department	18/08/2024	19/08/2024
1	Mr. A. Pappiah	9442131010	applied thermodynamics	Mechanical	Present	Present
2	Dr. T. Aravindan	9442131010	applied thermodynamics	Mechanical	Present	Present
3	Dr. T. Aravindan	9442131010	applied thermodynamics	Mechanical	Present	Present
4	Mr. P. Prabhakaran	9442131010	applied thermodynamics	Mechanical	Present	Present
5	Mr. P. Prabhakaran	9442131010	applied thermodynamics	Mechanical	Present	Present
6	Mr. R. Srinivasan	9442131010	applied thermodynamics	Mechanical	Present	Present
7	Mr. R. Srinivasan	9442131010	applied thermodynamics	Mechanical	Present	Present
8	Mr. C. M. Vignesh	9442131010	applied thermodynamics	Mechanical	Present	Present
9	Mr. A. Aravindan	9442131010	applied thermodynamics	Mechanical	Present	Present
10	Mr. R. Srinivasan	9442131010	applied thermodynamics	Mechanical	Present	Present
11	Mr. P. Prabhakaran	9442131010	applied thermodynamics	Mechanical	Present	Present
12	Mr. C. M. Vignesh	9442131010	applied thermodynamics	Mechanical	Present	Present

Resource Person

Mr. Pappiah (),
 Application Engineer,
 CHAM Technology Solutions, Chennai

Co-facilitator

Mr. A. Pappiah, Asst. Prof. (N) & Head / Mechanical Engineering
 Mr. R. Srinivasan, Asst. Prof. / Mechanical Engineering

[Handwritten signatures and initials]

Workshop Photos



Shil Tukhars Workshop Introduction given by Mr.J.Yase Arufah, Application Engineer / USAM Technology Solution Pvt. Ltd., Chennai



Day 1 - 08.08.2014 Session by Chief guest



Staff Effectively Participating in Skill Enhancement Workshop



Day 2 – Practical Session by Chief Guest

**1 Day Faculty Skill Enhancement Workshop on
Autodesk Fusion 360- CAD Fundamentals and Generative Design**

Summary of the Workshop

Name of the Programme	1 Day Faculty Skill Enhancement Workshop on Autodesk Fusion 360- CAD Fundamentals and Generative Design
Date	28.08.2024 and 09.09.2024 (09.30 am to 03.30 pm)
Venue	Smart Class room (TS II)
Number of Participants	12
Mode	Offline
Platform and Link	NA

Report of the Event

- > 1 day Faculty Skill Enhancement Workshop on Autodesk Fusion 360 - CAD Fundamentals hold on 08.08.2024 and 09.08.2024 at 09.30 am to 03.30 pm @ Smart Class room, Technology Block-II.
- > Mr. R.Thiyagarajan, AP/ Mech. has done the welcome address, he welcomed the resource person Mr.J.Yase Arasath, Application Engineer, USAM Technology Solution PVT, Ltd., Chennai. and other Staff Students.
- > Mr.Yase Arasath narrated about the Autodesk Fusion 360 Software and its importance's and also explained about staff registration for free 1 year License.
- > Chief Guest started session on how to use the features in Autodesk Fusion 360 Software and also given examples.
- > In these following sessions he completed the various exercises in software like Fusion Sketching, Basic Modeling, and Solid Part Modeling in Day 1.
- > In Day 2 session has started with the exercises like Part Modification, Creating Construction Geometries, Basics of Generative design and Assembly.
- > The staffs were also given hands on training on Modeling in CAD lab at Mechanical Engineering Department.
- > About 12 staff get benefited out of this Workshop from Aerospace and Mechanical engineering department.
- > The sessions for the 2 days found useful and he has given lots of insights about Software.
- > The Vote of thanks given by Mr.A.Pugazhendi, AP(SS), MOD/MECH.



Workshop Coordinator

Mr.R.Thiyagarajan, AP/ Mech.



Convener

**Mr.A.Pugazhendi, AP(SS)/Mech.
HoD, Mechanical Engineering**